

NOTE:  
SEE GENERAL PLAN SHEETS FOR LAYOUT LOCATIONS.

VT		STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH SECTION SUBSURFACE INFORMATION		BORING NUMBER: B-311 SHEET 1 of 1 DATE STARTED: 6/10/09 DATE COMPLETED: 6/10/09			
PROJECT NAME: BARRE CITY SITE NAME: US-302 STATION: 603+37.20 OFFSET: 29.50 VTSPG NAD83:		PROJECT NUMBER: FECC F 026-1(34) SITE NUMBER: GROUND ELEVATION: 609.99 ft GROUNDWATER DEPTH: 16.5 ft 6/10/09 PROJECT PIN NUMBER: 85B010		BORING RIG: LARGE SKID RIG w/AUTO HAMMER BORING TYPE: HOLLOW STEM AUGER SAMPLE TYPE: SPLIT BARREL CHECKED BY: CAA			
DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
5		Field Note: No Recovery. Appears to be sand	15				
5		A-2-4, SiSa, Dk/bm, Moist, Rec. = 1.4 ft	4	17.7	6.5	66.9	26.6
5		A-2-4, SiSa, Dk/bm, Moist, Rec. = 1.5 ft	4	12.9	0.7	65.8	33.5
10		A-4, SaSi, brn, Moist, Rec. = 1.6 ft	6	21.6	0.0	49.3	50.7
10		A-3, Sa, brn, Moist, Rec. = 1.5 ft	6	10.2	0.7	89.9	9.4
15		A-2-4, SiGrSa, blk, MTW, Rec. = 1.2 ft	4	18.9	25.1	53.7	21.2
15		A-1-b, SiGrSa, blk, MTW, Rec. = 1.2 ft	16	11.9	34.5	44.7	20.8
20		A-1-b, SiGrSa, brn, Wet, Rec. = 1.6 ft	20	18.9	39.7	39.8	20.5
25		A-1-b, GrSa, brn, Wet, Rec. = 1.7 ft	22	16.9	37.8	46.4	15.8
25		Hole stopped @ 25.0 ft					

VT		STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH SECTION SUBSURFACE INFORMATION		BORING NUMBER: B-312 SHEET 1 of 1 DATE STARTED: 6/02/09 DATE COMPLETED: 6/02/09			
PROJECT NAME: BARRE CITY SITE NAME: US-302 STATION: 112+12.60 OFFSET: 37.50 VTSPG NAD83:		PROJECT NUMBER: FECC F 026-1(34) SITE NUMBER: GROUND ELEVATION: 593.97 ft GROUNDWATER DEPTH: 13.8 ft 6/02/09 PROJECT PIN NUMBER: 85B010		BORING RIG: LARGE SKID RIG w/AUTO HAMMER BORING TYPE: HOLLOW STEM AUGER SAMPLE TYPE: SPLIT BARREL CHECKED BY: CAA			
DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
5		A-2-4, GrSa, brn, Moist, Rec. = 1.3 ft	8	7.2	26.8	58.5	14.7
5		A-4, SaSi, brn, Moist, Rec. = 1.5 ft	4	31.2	0.4	25.7	73.9
5		A-4, SaSi, blk, Moist, Rec. = 1.7 ft	4	34.6	1.9	41.6	56.5
10		A-4, SaSi, gry, MTW, Rec. = 1.7 ft	3	32.7	0.2	29.0	70.8
10		A-4, SiSa, gry, MTW, Rec. = 1.5 ft, Wood pieces were within sample.	7	31.6	1.0	62.1	36.9
15		A-2-4, GrSa, blk, Wet, Rec. = 1.5 ft	12	25.1	20.6	64.4	15.0
15		No Recovery, 15.0 ft - 17.0 ft	14				
20		A-2-4, Sa, brn, Wet, Rec. = 1.7 ft	2	30.6	4.7	82.5	12.8
25		A-2-4, SiSa, brn, Wet, Rec. = 1.6 ft	WH	20.7	2.1	65.2	32.7
25		Hole stopped @ 25.0 ft					

VT		STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH SECTION SUBSURFACE INFORMATION		BORING NUMBER: B-313 SHEET 1 of 1 DATE STARTED: 6/03/09 DATE COMPLETED: 6/03/09			
PROJECT NAME: BARRE CITY SITE NAME: US-302 STATION: 11+49.70 OFFSET: -37.30 VTSPG NAD83:		PROJECT NUMBER: FECC F 026-1(34) SITE NUMBER: GROUND ELEVATION: 593.2 ft GROUNDWATER DEPTH: 13.0 ft 6/03/09 PROJECT PIN NUMBER: 85B010		BORING RIG: LARGE SKID RIG w/AUTO HAMMER BORING TYPE: HOLLOW STEM AUGER SAMPLE TYPE: SPLIT BARREL CHECKED BY: CAA			
DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
5		A-4, SaSi, brn, Moist, Rec. = 1.5 ft	4	23.9	0.3	35.2	64.5
5		A-2-4, SiSa, brn, Moist, Rec. = 1.3 ft	4	18.5	0.0	78.9	21.1
5		A-2-4, GrSa, brn, Wet, Rec. = 1.2 ft	6	18.7	26.6	58.1	15.3
10		A-1-b, SaGr, brn, Wet, Rec. = 1.1 ft	31	16.3	41.7	39.8	16.5
10		A-1-b, GrSa, blk, Wet, Rec. = 1.7 ft	13	17.9	32.0	59.5	11.5
15		A-2-4, SiSa, brn, Wet, Rec. = 2.0 ft	6	28.9	2.9	63.7	33.4
15		A-4, Si, gry, Wet, Rec. = 1.3 ft	5	31.0	1.3	12.5	86.2
20		A-4, SaSi, gry, Wet, Rec. = 1.4 ft	2	30.2	0.0	38.2	63.8
25		A-4, SiSa, gry, Wet, Rec. = 0.9 ft	2	28.5	0.6	55.8	43.6
25		Hole stopped @ 25.0 ft					

PROJECT NAME: BARRE CITY  
PROJECT NUMBER: FECC F 026-1(34) C/2

FILE NAME: 85B010\_TYP\_C2  
PROJECT LEADER: G. BAKOS  
DESIGNED BY: DMP / MDS  
BORING LOGS

PLOT DATE: 3/9/2011  
DRAWN BY: DMP / JAR  
CHECKED BY:  
SHEET 48 OF 339