

NOTE:
SEE GENERAL PLAN SHEETS FOR LAYOUT LOCATIONS.

STATE OF VERMONT
AGENCY OF TRANSPORTATION
MATERIALS & RESEARCH SECTION
SUBSURFACE INFORMATION

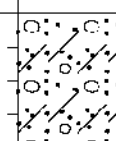
BORING NUMBER: B-321
SHEET 1 of 1
DATE STARTED: 6/17/09
DATE COMPLETED: 6/17/09

PROJECT NAME: BARRE CITY
SITE NAME: US-302
STATION: 14+65.00
OFFSET: 77.00
VTSPG NAD83:

PROJECT NUMBER: FECC F 026-1(34)
SITE NUMBER:
GROUND ELEVATION: 592.26 ft
GROUNDWATER DEPTH: See Notes
PROJECT PIN NUMBER: 85B010

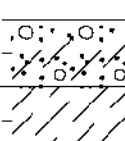
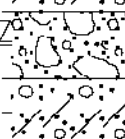
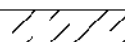
BORING CREW
CREW CHIEF: GARROW
DRILLER: GARROW
LOGGER: MAHMUTOVIC

BORING RIG: AUGER TRUCK
BORING TYPE: AUGER
SAMPLE TYPE: AUGER
CHECKED BY: CAA

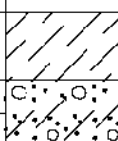
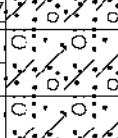
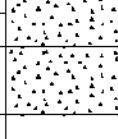
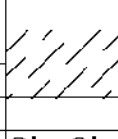
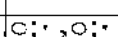
DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
5		A-2-4, SiSa, blk, Moist		11.2	11.0	80.2	28.8
		A-2-4, Sa, blk, Moist		14.2	1.5	82.4	16.1
		A-2-4, Sa, gry, MTW, Small Wood pieces were within sample.		25.4	0.3	79.8	19.9
10		Hole stopped @ 10.0 ft					
15		DRILLER'S NOTES: 1. No Ledge to depth. 2. No Water to 8.0 ft. 3. Hole collapsed at 8.0 ft.					
20							
25							
30							
35							
40							
45							

LOG OF BORING BARRE CITY, FECC F 026-1(34) OF VT AOT 607 721009

LOG OF BORING: BARRE CITY, FECC F 026-1(34) (34) VT AOT 607 7/01/09

		STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH SECTION SUBSURFACE INFORMATION		BORING NUMBER: B-322 SHEET 1 of 1 DATE STARTED: 7/02/09 DATE COMPLETED: 7/02/09			
PROJECT NAME: BARRE CITY SITE NAME: US-302 STATION: 423+05.00 OFFSET: -37.00 VTSPG NAD83:				PROJECT NUMBER: FECC F 026-1(34) SITE NUMBER: GROUND ELEVATION: 613.57 ft GROUNDWATER DEPTH: 11.9 ft 7/02/09 PROJECT PIN NUMBER: 85B010			
BORING CREW CREW CHIEF: GARROW DRILLER: GARROW LOGGER: MAHMUTOVIC				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, GrSiSa, brn, Moist, Rec. = 0.9 ft	4	21.4	30.5	37.0	32.5
		A-4, SaSi, brn, Moist, Rec. = 1.0 ft	2	24.2	14.0	35.8	50.2
		A-4, SaSi, brn, Moist, Rec. = 0.4 ft	2	22.1	12.6	31.6	55.8
10		Visual Classification, GrSiSa, brn, MTW, Rec. = 0.1 ft, Insufficient sample for testing	6	19.4			
15		A-1-b, GrSa, brn, Wet, Rec. = 0.8 ft	39	14.4	38.9	44.1	17.0
		A-2-4, SiGrSa, brn, Wet, Rec. = 0.7 ft	39	19.7	31.1	43.4	25.5
		A-1-b, GrSa, brn, Wet, Rec. = 1.5 ft	16	18.3	26.6	58.2	17.2
-							
20		A-4, SaGrSi, brn, MTW, Rec. = 1.3 ft	86	15.4	32.0	30.7	37.3
-		Hole stopped @ 21.5 ft					
25		DRILLER'S NOTES: 1. Drilled to ledge or boulder.					
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30							
-							
35							
-							
40							
-							
45							
-							
-							
-							

LOG OF BORING: BARRE CITY, FECC F 026-1(34) (34) VT AOT 607 7/02/09

		STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH SECTION SUBSURFACE INFORMATION		BORING NUMBER: B-323 SHEET 1 of 1 DATE STARTED: 7/01/09 DATE COMPLETED: 7/01/09			
PROJECT NAME: BARRE CITY SITE NAME: US-302 STATION: 707+00.00 OFFSET: 28.00 VTSPG NAD83:				PROJECT NUMBER: FECC F 026-1(34) SITE NUMBER: GROUND ELEVATION: 609.72 ft GROUNDWATER DEPTH: 8.8 ft 7/01/09 PROJECT PIN NUMBER: 85B010			
BORING CREW CREW CHIEF: GARROW DRILLER: GARROW LOGGER: MAHMUTOVIC				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, SiSa, brn, Moist, Rec. = 1.6 ft	5	18.3	6.6	43.1	50.3
		A-2-4, SiSa, brn, Moist, Rec. = 1.6 ft	5	13.8	9.1	59.7	31.2
		A-2-4, SiSa, brn, Moist, Rec. = 1.0 ft	19	13.5	17.7	51.7	30.6
10		A-2-4, SiSa, brn, MTW, Rec. = 1.3 ft	6	26.9	10.4	67.3	22.3
		A-2-4, SiSa, brn, Wet, Rec. = 0.7 ft	14	26.9	5.6	74.1	20.3
		A-3, Sa, brn, Wet, Rec. = 1.5 ft	9	27.4	0.1	91.5	8.4
15		A-3, Sa, brn, Wet, Rec. = 1.5 ft	9	27.4	0.1	91.5	8.4
		A-3, Sa, brn, Wet, Rec. = 2.0 ft	4	27.5	0.0	93.4	6.6
20		A-4, SiSa, brn, Wet, Rec. = 0.9 ft	35	36.9	0.5	60.4	39.1
		A-2-4, SiGrSa, brn, Wet, Rec. = 0.7 ft	R	24.4	26.4	49.9	23.7
25		Hole stopped @ 23.7 ft					
		DRILLER'S NOTES: 1. Drilled to ledge or boulder.					
30							
35							
40							
45							

LOG OF BORING: BARRE CITY, FECC F 026-1(34) (34) VT AOT 607 7/01/09

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 51 OF 339