

NOTE:
SEE GENERAL PLAN SHEETS FOR LAYOUT LOCATIONS.

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

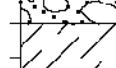
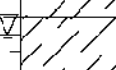
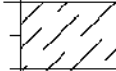
BORING NUMBER: B-308
SHEET 1 of 1
DATE STARTED: 6/09/09
DATE COMPLETED: 6/09/09

PROJECT NAME: BARRE CITY
SITE NAME: US-302
STATION: 139+47.70
OFFSET: -35.00
VTSPG NAD83:

PROJECT NUMBER: FECC F 026-1(34)
SITE NUMBER:
GROUND ELEVATION: 608.4 ft
GROUNDWATER DEPTH: 15.5 ft 6/09/09
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-1-b, SiGrSa, blk, Moist, Rec. = 1.1 ft	10	9.7	30.8	49.0	20.2
		A-1-b, GrSa, blk, Moist, Rec. = 1.0 ft	9	10.7	32.1	51.5	16.4
10		A-4, Si, bm, MTW, Rec. = 1.2 ft	8	31.1	0.5	5.5	94.0
		A-4, Si, bm, MTW, Rec. = 1.4 ft	7	29.8	1.6	6.8	91.6
		A-4, Si, gry, MTW, Rec. = 1.4 ft	5	31.7	3.3	7.5	89.2
		A-4, Si, gry, MTW, Rec. = 1.6 ft	6	29.3	6.6	6.4	87.0
15		A-4, Si, gry, MTW, Rec. = 1.2 ft	6	30.7	3.7	5.2	91.1
20		A-4, Si, gry, MTW, Rec. = 1.4 ft	8	28.4	0.0	10.0	90.0
		A-2-4, Sa, gry, Wet, Rec. = 2.0 ft	4	19.3	3.5	79.7	16.8
25		Hole stopped @ 25.0 ft					
30							
35							
40							
45							

LOG OF BORING BARRE CITY FECC = 026-1(34) GPJ VT ACT.GDT 7/3/09

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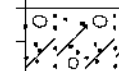
BORING NUMBER: B-309
SHEET 1 of 1
DATE STARTED: 6/16/09
DATE COMPLETED: 6/16/09

PROJECT NAME: BARRE CITY
SITE NAME: US 302
STATION: 600+79.10
OFFSET: 55.60
VTSPG NAD83:

PROJECT NUMBER: FECC F 026-1(34)
SITE NUMBER:
GROUND ELEVATION: 605.82 ft
GROUNDWATER DEPTH: 12.9 ft 6/16/09
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, SiSa, blk, Moist, Rec. = 1.4 ft	6	14.9	4.5	66.3	29.2
		A-4, GrSSa, blk, Moist, Rec. = 1.1 ft	23	13.5	21.4	41.3	37.3
10		Visual Classification, GrSa, blk, Moist, Rec. = 0.4 ft, Insufficient sample for testing.	26				
		A-1-b, GrSa, blk, Moist, Rec. = 0.9 ft	12	7.5	39.3	45.4	15.3
15		A-1-b, GrSa, blk, MTW, Rec. = 1.1 ft	5	16.2	23.0	60.3	16.7
		A-1-b, GrSa, blk, Wet, Rec. = 1.6 ft	11	20.3	20.8	64.6	14.6
		A-1-b, GrSa, blk, Wet, Rec. = 1.3 ft	20	17.2	39.0	53.0	8.0
20		A-1-b, GrSa, blk, Wet, Rec. = 1.4 ft	44	18.1	32.3	55.0	12.7
		A-1-b, GrSa, blk, Wet, Rec. = 1.8 ft	28	14.6	38.3	49.3	12.4
25		Hole stopped @ 25.0 ft					
DRILLER'S NOTES: 1. Duplex drilling 11.0 ft to 17.0 ft.							

346 OF BORING BARRE CITY FECC F 026-1(34) GP 1 V" ACT GCT 76109

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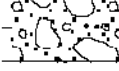
BORING NUMBER: B-310
SHEET: 1 of 1
DATE STARTED: 6/10/09
DATE COMPLETED: 6/10/09

PROJECT NAME: BARRE CITY
SITE NAME: US-302
STATION: 602+52.00
OFFSET: -40.00
VTSPG NAD83:

PROJECT NUMBER: FECC F 026-1(34)
SITE NUMBER:
GROUND ELEVATION: 608.78 ft
GROUNDWATER DEPTH: 16.2 ft 6/10/09
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-1-b, SiGrSa, blk, Moist, Rec. = 1.1 ft	17	13.4	25.3	49.9	24.8
		A-1-b, GrSa, blk, Moist, Rec. = 1.2 ft	18	9.8	32.5	48.5	19.0
		A-1-b, SiGrSa, blk, Moist, Rec. = 1.1 ft	15	6.9	39.3	39.7	21.0
10		A-1-b, SiSaGr, blk, Moist, Rec. = 1.0 ft	19	7.1	48.6	31.3	20.1
		A-1-a, SaGr, blk, Moist, Rec. = 1.3 ft	71	5.4	55.4	31.1	13.5
15		A-1-b, SaGr, blk, MTW, Rec. = 1.2 ft	14	7.7	49.0	36.1	14.9
		A-1-a, SaGr, blk, Wet, Rec. = 0.6 ft	11	15.0	59.9	28.0	12.1
20		A-1-b, Sa, bm, Wet, Rec. = 1.0 ft	46	21.2	17.7	66.8	15.5
		Hole stopped @ 22.0 ft					
25		DRILLER'S NOTES: 1. Could not penetrate further.					
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LOG OF BORING: BARRE CITY FECC F 026-1(34) GP 1 VY ACT DOT 7/8/09

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 47 OF 339