

STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH SECTION SUBSURFACE INFORMATION		BORING NUMBER: B-306 SHEET 1 of 1 DATE STARTED: 6/02/09 DATE COMPLETED: 6/02/09					
PROJECT NAME: BARRE CITY SITE NAME: US-302 STATION: 24+45.10 OFFSET: 34.50 VTSPG NAD83: N 620810.24 ft E 1638752.33 ft		PROJECT NUMBER: FECC F 026-1(34) SITE NUMBER: GROUND ELEVATION: 596.19 ft GROUNDWATER DEPTH: 8.1 ft 6/02/09 PROJECT PIN NUMBER: 859010					
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, GrSa, bm, Moist, Rec. = 0.8 ft	9	6.9	38.5	44.6	16.9
		A-4, SiSa, blk, Moist, Rec. = 1.6 ft	3	44.4	8.7	47.4	43.9
		A-4, SiSa, blk, MTW, Rec. = 1.3 ft	4	25.9	2.4	52.7	44.9
		A-2-4, SiSa, blk, Wet, Rec. = 1.0 ft	3	33.8	0.8	65.7	33.5
		A-2-4, GrSa, blk, Wet, Rec. = 1.1 ft	8	26.3	25.6	59.6	14.6
		A-2-4, SiSa, blk, Wet, Rec. = 1.4 ft	3	34.7	11.4	56.0	32.6
		A-2-4, SiSa, blk, Wet, Rec. = 0.4 ft	1	69.7	4.8	70.8	24.6
20		A-1-b, Sa, bm, Wet, Rec. = 2.0 ft	38	16.4	19.6	71.3	9.1
25		A-2-4, Sa, bm, Wet, Rec. = 1.8 ft	25	20.3	19.5	61.8	18.4
Hole stopped @ 25.0 ft							

STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH SECTION SUBSURFACE INFORMATION		BORING NUMBER: B-307 SHEET 1 of 1 DATE STARTED: 6/04/09 DATE COMPLETED: 6/04/09					
PROJECT NAME: BARRE CITY SITE NAME: US-302 STATION: 138+72.80 OFFSET: 38.50 VTSPG NAD83: N 618667.78 ft E 1840008.91 ft		PROJECT NUMBER: FECC F 026-1(34) SITE NUMBER: GROUND ELEVATION: 608.47 ft GROUNDWATER DEPTH: 13.2 ft 6/04/09 PROJECT PIN NUMBER: 859010					
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, SaSl, blk, Moist, Rec. = 1.5 ft	18	13.2	16.7	39.3	45.0
		A-1-b, GrSa, bm, Moist, Rec. = 1.2 ft	20	6.3	41.5	43.6	14.9
		A-1-b, GrSa, bm, Moist, Rec. = 1.2 ft, Broken Granite pieces were within sample.	21	5.4	42.5	44.7	12.8
		A-4, Si, gry, MTW, Rec. = 1.1 ft	10	24.6	1.2	9.9	86.9
		A-4, Si, bm, MTW, Rec. = 1.0 ft	11	27.4	2.6	10.0	87.4
		A-4, Si, bm, Wet, Rec. = 1.1 ft	13	26.7	3.7	15.2	81.1
		A-4, SiSa, bn, Wet, Rec. = 1.7 ft	15	22.4	6.0	51.6	42.4
20		A-1-b, GrSa, bm, Wet, Rec. = 2.0 ft	29	12.8	37.2	52.5	10.3
25		A-2-4, Sa, bm, Wet, Rec. = 2.0 ft	36	16.5	15.4	65.5	19.1
Hole stopped @ 25.0 ft							

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: 600+79.10 OFFSET: -35.00 VTSPG NAD83: N 618899.75 ft E 1640115.79 ft		PROJECT NUMBER: FECC F 026-1(34) SITE NUMBER: GROUND ELEVATION: 608.4 ft GROUNDWATER DEPTH: 16.5 ft 6/09/09 PROJECT PIN NUMBER: 859010					
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
		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	28.3	0.6	6.4	87.0
		A-4, Si, gry, MTW, Rec. = 1.2 ft	6	30.7	3.7	5.2	81.1
20		A-4, Si, gry, MTW, Rec. = 1.4 ft	8	28.4	0.0	10.0	90.0
25		A-2-4, Sa, gry, Wet, Rec. = 2.0 ft	4	19.3	3.5	79.7	16.8
Hole stopped @ 25.0 ft							

STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH SECTION SUBSURFACE INFORMATION		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: N 618611.91 ft E 1639982.14 ft		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: 859010					
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, GrSiSa, blk, Moist, Rec. = 1.1 ft	23	13.5	21.4	41.3	37.3
		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
		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	20.6	64.6	14.6
		A-1-b, GrSa, blk, Wet, Rec. = 1.3 ft	20	17.2	38.0	53.0	8.0
20		A-1-b, GrSa, blk, Wet, Rec. = 1.4 ft	44	19.1	32.3	55.0	12.7
25		A-1-b, GrSa, blk, Wet, Rec. = 1.8 ft	28	14.6	38.3	49.3	12.4
Hole stopped @ 25.0 ft							
DRILLER'S NOTES: 1. Duplex drilling 11.0 ft to 17.0 ft.							

DATUM  
VERTICAL NAVD 1929  
HORIZONTAL NAD 27

PROJECT NAME: BARRE CITY  
PROJECT NUMBER: FECC F 026-1(34) C/1  
FILE NAME: z09B240\_ALIPT.dgn  
PROJECT LEADER: G. BAKOS  
DESIGNED BY: DMP / MDS  
BORING LOGS  
PLOT DATE: 4/5/2010  
DRAWN BY: DMP / JAR  
CHECKED BY:  
SHEET 30 OF 95

