



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: 36.50
 VTSPG NAD83: N 618667.78 ft E 1640006.91 ft

PROJECT NUMBER: FECC F 026-1(34)
 SITE NUMBER:
 GROUND ELEVATION: 606.47 ft
 GROUNDWATER DEPTH: 13.2 ft 6/04/09
 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, SaSi, blk, Moist, Rec. = 1.5 ft	18	13.2	15.7	39.3	45.0
		A-1-b, GrSa, brn, Moist, Rec. = 1.2 ft	20	6.3	41.5	43.6	14.9
		A-1-b, GrSa, brn, Moist, Rec. = 1.2 ft, Broken Granite pieces were within sample.	21	5.4	42.5	44.7	12.8
10		A-4, Si, gry, MTW, Rec. = 1.1 ft	10	24.6	1.2	9.9	88.9
		A-4, Si, brn, MTW, Rec. = 1.0 ft	11	27.4	2.6	10.0	87.4
		A-4, Si, brn, Wet, Rec. = 1.1 ft	13	25.7	3.7	15.2	81.1
15		A-4, SiSa, brn, Wet, Rec. = 1.7 ft	15	22.4	6.0	51.6	42.4
20		A-1-b, GrSa, brn, Wet, Rec. = 2.0 ft	29	12.8	37.2	52.5	10.3
		A-2-4, Sa, brn, Wet, Rec. = 2.0 ft	36	16.5	15.4	65.5	19.1
25		Hole stopped @ 25.0 ft					
30							
35							
40							
45							

LOG OF BORING BARRE CITY FECC F 026-1(34).GPJ VT_AOT.GDT 8/19/09