



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

BORING NUMBER: C-3
 SHEET 1 of 1
 DATE STARTED: 5/13/10
 DATE COMPLETED: 5/18/10

PROJECT NAME: SOUTH BURLINGTON-COLCHESTER
 SITE NAME: I-89
 STATION: MEDIAN
 OFFSET:
 VTSPG NAD83: N 748991.20 ft E 1461661.10 ft

PROJECT NUMBER: IM CULV(23)
 SITE NUMBER:
 GROUND ELEVATION: 142.8 ft
 GROUNDWATER DEPTH: 28.1 ft 5/18/10
 PROJECT PIN NUMBER: 09A046

BORING CREW
 CREW CHIEF: WERNER
 DRILLER: WERNER
 LOGGER: MAHMUTOVIC

BORING RIG: CME 55 TRACK AUTO
 BORING TYPE: WASH BORE
 SAMPLE TYPE: SPLIT BARREL
 CHECKED BY: CEE

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
		A-2-4, SiSa, brn, Moist, Rec. = 0.9 ft	4	15.8	5.3	70.6	24.1
		A-2-4, SiSa, brn, Moist, Rec. = 1.5 ft	14	21.2	5.9	64.8	29.3
10		Field Note: No sample. Pulled out Hollow Stem Augers and replaced with 3.5" casing for wash bore drilling.	40				
		A-2-4, SiSa, brn, Moist, Rec. = 1.6 ft	57	13.2	4.1	60.7	35.2
20		A-2-4, GrSiSa, brn, Moist, Rec. = 1.2 ft	24	12.1	22.8	50.7	26.5
		A-2-4, Sa, brn, Moist, Rec. = 1.9 ft	20	16.7	11.0	71.6	17.4
30		A-2-4, SiSa, brn, Moist, Rec. = 0.9 ft	21	17.5	3.2	66.1	30.7
		Field Note: No sample.	20				
		A-4, SiSa, brn, Moist, Rec. = 1.2 ft	16	19.1	0.8	61.0	38.2
		A-2-4, SiSa, brn, Moist, Rec. = 1.3 ft	10	19.3	1.0	73.7	25.3
40		A-2-4, SiSa, brn, Moist, Rec. = 1.0 ft	16	19.4	2.6	67.4	30.0
		A-4, SaSi, gry, Moist, Rec. = 1.6 ft	23	21.1	0.6	39.4	60.0
		A-4, Si, gry, Moist, Rec. = 1.5 ft	13	25.0	0.7	9.8	89.5
50		Hole stopped @ 48.0 ft					
		DRILLER'S NOTES: 1. No ledge to depth. 2. Hole was sealed with cement grout to depth. 3. The hammer energy correction factor, e_c for the CME 55 Track Rig used in this investigation is 1.46. The N values provided on the boring logs are raw values and have not been corrected.					

LOG OF BORING SOUTH BURLINGTON-COLCHESTER IM CULV(23).GPJ VT AOT.GIT 5/28/10