



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

BORING NUMBER: SB-2
 SHEET 1 of 1
 DATE STARTED: 5/07/10
 DATE COMPLETED: 5/07/10

PROJECT NAME: SOUTH BURLINGTON-COLCHESTER
 SITE NAME: I-89
 STATION: MEDIAN
 OFFSET:
 VTSPG NAD83: N 722830.19 ft E 1464264.63 ft

PROJECT NUMBER: IM CULV(23)
 SITE NUMBER:
 GROUND ELEVATION: 238.1 ft
 GROUNDWATER DEPTH: NOT TAKEN
 PROJECT PIN NUMBER: 09A046

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

BORING RIG: CME 55 TRACK AUTO
 BORING TYPE: HOLLOW STEM AUGER
 SAMPLE TYPE: SPLIT BARREL
 CHECKED BY: CEE

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

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)	LL (%)	PI (%)
		A-4, SaSi, brn, Moist, Rec. = 1.2 ft	7	20.0	2.4	42.7	54.9		
		A-4, SiSa, brn, Moist, Rec. = 1.1 ft	28	18.4	4.9	48.6	46.5		
10		A-2-4, SiSa, brn, MTW, Rec. = 1.4 ft	40	13.6	14.5	53.7	31.8		
		A-4, SiSa, brn, MTW, Rec. = 1.2 ft	40	12.4	0.6	58.1	41.3		
20		A-4, SaSi, brn, MTW, Rec. = 1.5 ft	32	16.5	7.9	33.1	59.0		
		A-4, SaSi, brn, MTW, Rec. = 1.3 ft	24	20.5	7.8	20.8	71.4		
		A-4, SaSi, brn, MTW, Rec. = 1.4 ft	39	18.7	4.1	35.0	60.9		
30		A-4, Si, brn, MTW, Rec. = 1.6 ft	46	19.5	1.8	16.2	82.0	26	3
		A-4, SaSi, brn, MTW, Rec. = 1.7 ft	40	18.3	1.9	24.2	73.9		
		A-4, SaSi, brn, Moist, Rec. = 1.7 ft	30	19.4	0.8	20.6	78.6	26	4
		A-4, SaSi, brn, MTW, Rec. = 1.9 ft	24	19.6	2.7	45.4	51.9		
40		A-2-4, Sa, brn, MTW, Rec. = 2.0 ft	16	18.9	4.6	80.4	15.0		
		A-2-4, Sa, brn, MTW, Rec. = 2.0 ft	46	16.3	6.8	82.3	10.9		
		A-3, Sa, brn, MTW, Rec. = 2.0 ft	28	18.7	6.7	86.2	7.1		
		A-7-6, Cl, gry, Moist, Rec. = 1.4 ft	5	35.0	0.6	4.4	95.0	42	21
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, C_e 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.							