



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

BORING NUMBER: B-101
 SHEET 1 of 1
 DATE STARTED: 10/26/06
 DATE COMPLETED: 10/26/06

PROJECT NAME: SOUTH BURLINGTON
 SITE NAME: I-89
 STATION: 214+62.83
 OFFSET: 91.56
 VTSPG: N 715591.28 ft E 1461610.91 ft

PROJECT NUMBER: IM CULV(9)
 SITE NUMBER: MM 88.1
 GROUND ELEVATION:
 GROUNDWATER DEPTH: Hole caved in.
 PROJECT PIN NUMBER: 06A136

BORING CREW
 CREW CHIEF: HOLT
 DRILLER: GARROW
 LOGGER: WERNER

BORING RIG: LAG TRACK 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 (%)	LL (%)	PI (%)
5		A-2-4, GrSa, brn, Moist, Rec. = 0.6 ft	16	10.4	27.9	54.2	17.9		
		Visual Class., A-2-4, SaSiGr, brn, Moist, Rec. = 0.1 ft	7						
		No Recovery, Rock in end of sampler., 4.0 ft - 6.0 ft	3						
10		A-2-4, SiSa, gry, Moist, Rec. = 0.6 ft	2	24.1	5.1	69.6	25.3		
		A-4, Si, gry, Moist, Rec. = 0.9 ft	2	31.3	0.0	6.5	93.5	24	2
		A-4, Si, gry, Wet, Rec. = 1.2 ft	2	31.4	0.3	11.1	88.6	25	3
		No Recovery, Rock in end of sampler., 10.0 ft - 12.0 ft	2						
15		A-4, Si, gry, Wet, Rec. = 2.0 ft	2	30.8	0.0	1.3	98.7	28	5
		A-6, SiCl, gry, Wet, Rec. = 2.0 ft	1	35.7	0.0	1.6	98.4	32	11
20		A-7-6, Cl, gry, MTW, Rec. = 2.0 ft	1	61.2	0.0	4.8	95.2	65	38
25		A-7-6, Cl, gry, MTW, Rec. = 2.0 ft	1	65.4	0.0	1.9	98.1	68	39
30		A-7-6, Cl, gry, MTW, Rec. = 2.0 ft	1	59.5	0.6	4.2	95.2	64	38
35		A-7-6, Cl, gry, MTW, Rec. = 2.0 ft	WH	43.6	0.2	4.7	95.1	45	24
		Hole stopped @ 37.0 ft							
40		DRILLER'S NOTES: 1. Hole stopped at 37.0 feet on possible Boulder or Ledge. 2. The Kelly Bar broke on the drill rig when we reached 37.0 feet.							
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LOG OF BORING - SOUTH BURLINGTON IM CULV(9).DPI VT AOT.GDT 11/20/06