



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

BORING NUMBER: B-104
 SHEET 1 of 1
 DATE STARTED: 3/13/09
 DATE COMPLETED: 3/13/09

PROJECT NAME: SOUTH BURLINGTON-WINOOSKI
 SITE NAME: I-89
 STATION:
 OFFSET:
 VTSPG: N 719486.38 ft E 1462256.10 ft

PROJECT NUMBER: IM SCRP(3)
 SITE NUMBER: CULVERT REPLACEMENT
 GROUND ELEVATION:
 GROUNDWATER DEPTH: Hole collapsed at 8.0 ft
 PROJECT PIN NUMBER: 07A104

BORING CREW
 CREW CHIEF: PORTER
 DRILLER: PORTER
 LOGGER: WERNER

BORING RIG: LAG TRACK RIG #10 w/AUTO HAMMER
 BORING TYPE: HOLLOW STEM AUGER
 SAMPLE TYPE: SPLIT BARREL
 CHECKED BY: NSM

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)	LL (%)	PI (%)
5									
10		A-4, SiSa, brn, Moist, Rec. = 1.2 ft	21	15.5	0.3	56.9	42.8		
10		A-4, SaSi, brn, Moist, Rec. = 1.2 ft	11	16.7	1.2	44.0	54.8		
12		A-4, SaSi, brn, Moist, Rec. = 1.6 ft	25	15.0	0.9	46.4	52.7		
15		A-4, SaSi, brn, Moist, Rec. = 1.7 ft	22	16.4	0.0	46.4	53.6		
17		A-4, SaSi, brn, Moist, Rec. = 1.9 ft, A very small layer of Clay was noticeable.	18	18.3	0.0	20.5	79.5		
18		A-4, SaSi, gry, Moist, Rec. = 1.7 ft	14	19.2	0.0	30.9	69.1		
20		A-4, SiSa, gry, Wet, Rec. = 1.6 ft	19	21.8	0.2	61.7	38.1		
22		A-4, Si, gry, Moist, Rec. = 1.9 ft	10	22.5	0.0	10.8	89.2		
25		A-4, Si, gry, Moist, Rec. = 1.8 ft	10	24.3	0.0	3.6	96.4	28	2
26		A-4, Si, gry, Wet, Rec. = 1.5 ft	11	28.3	0.0	2.0	98.0	29	3
30		Hole stopped @ 28.0 ft							
35									
40									
45									

LOG OF BORING SOUTH BURLINGTON-WINOOSKI IM SCRP(3).CPJ VT AOT.GDT 4/2/09