



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

BORING NUMBER: B-109
 SHEET 1 of 1
 DATE STARTED: 3/17/09
 DATE COMPLETED: 3/17/09

PROJECT NAME: SOUTH BURLINGTON-WINOOSKI
 SITE NAME: I-89
 STATION:
 OFFSET:
 VTSPG: N 719861.59 ft E 1462408.54 ft

PROJECT NUMBER: IM SCRP(3)
 SITE NUMBER: CULVERT REPLACEMENT
 GROUND ELEVATION:
 GROUNDWATER DEPTH: Hole collapsed at 12.0 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									
8.2		A-4, SaSi, gry, Moist, Rec. = 1.8 ft	27	12.6	1.0	41.0	58.0		
9.9		A-4, SaSi, gry, Moist, Rec. = 1.7 ft	23	12.1	0.8	49.1	50.1		
11.6		A-4, SiSa, gry, Moist, Rec. = 2.0 ft	17	13.6	0.0	59.7	40.3		
13.3		A-4, SaSi, gry, Moist, Rec. = 1.9 ft	13	17.4	0.0	28.5	71.5		
15.0		A-4, SaSi, gry, Moist, Rec. = 2.0 ft	19	17.4	0.0	42.7	57.3		
16.7		A-4, SaSi, gry, Moist, Rec. = 1.7 ft	11	17.6	0.5	42.5	57.0		
18.4		A-4, ClSi, gry, Moist, Rec. = 2.0 ft	10	28.0	0.0	3.7	96.3	36	10
20.1		A-4, ClSi, gry, Moist, Rec. = 1.7 ft	8	27.0	0.0	7.7	92.3	36	9
21.8		A-4, Si, gry, Moist, Rec. = 1.7 ft	11	25.2	0.0	4.6	95.4	31	3
26.0		Hole stopped @ 26.0 ft							
30									
35									
40									
45									

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