



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

BORING NUMBER: B-105  
 SHEET 1 of 1  
 DATE STARTED: 2/11/09  
 DATE COMPLETED: 2/13/09

PROJECT NAME: CHESTER  
 SITE NAME: VT-103  
 STATION: 13+90  
 OFFSET: -11.00  
 VTSPG: N 276233.15 ft E 1617057.43 ft

PROJECT NUMBER: BRF 025-1(37)SC  
 SITE NUMBER: BR-9  
 GROUND ELEVATION: 584.84 ft  
 GROUNDWATER DEPTH:  
 PROJECT PIN NUMBER: 95B168

BORING CREW  
 CREW CHIEF: GARROW  
 DRILLER: GARROW  
 LOGGER: MAHMUTOVIC

BORING RIG: LARGE SKID RIG w/AUTO HAMMER  
 BORING TYPE: WASH BORE  
 SAMPLE TYPE: SPLIT BARREL  
 CHECKED BY: NSM

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
		Asphalt Pavement, 0.0 ft - 0.7 ft					
		Field Note: No Recovery	R				
		BXDC, Concrete, 1.5 ft - 2.5 ft					
5		A-2-4, SiGrSa, gry, MTW, Rec. = 1.2 ft	49	13.3	26.9	46.6	26.5
		A-1-b, SaGr, gry, Wet, Rec. = 0.5 ft	13	10.5	55.5	33.5	11.0
		A-1-b, SaGr, gry, Wet, Rec. = 1.1 ft	22	9.5	47.1	40.7	12.2
10		A-1-a, SaGr, gry, Wet, Rec. = 0.7 ft	R	9.7	63.9	25.9	10.2
		Field Note: BXDC, Cleaned out casing to 10.5 ft.					
		A-2-4, GrSa, gry, Wet, Rec. = 0.4 ft	12	15.1	32.8	49.9	17.3
		Field Class: BXDC, Cobbles					
15		A-2-4, SiGrSa, gry, Wet, Rec. = 1.3 ft	43	12.5	36.6	41.1	22.3
		A-2-4, GrSiSa, gry, Wet, Rec. = 1.4 ft	64	10.8	20.8	47.8	31.4
20		A-2-4, SiSa, gry, Wet, Rec. = 1.2 ft	34	17.3	11.1	68.3	20.6
25		A-2-4, GrSa, gry, Wet, Rec. = 0.6 ft	R	13.2	32.6	54.8	12.6
30		Field Class: BXDC, Cobbles, Cored ahead.					
35		Field Class: BXDC, Cobbles, Changed bit. Very hard drilling.					
		Field Note: Casing broke off. About 5 ft of casing remains in hole. Hole stopped @ 35.0 ft					

LOG OF BORING CHESTER BRF 025-1(37)SC.GPJ VT.AOT.GDT 5/13/09