



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

BORING NUMBER: B-105A  
 SHEET 1 of 1  
 DATE STARTED: 2/13/09  
 DATE COMPLETED: 3/18/09

PROJECT NAME: CHESTER  
 SITE NAME: VT-103  
 STATION: 13+86  
 OFFSET: -10.00  
 VTSPG: N 276236.57 ft E 1617053.20 ft

PROJECT NUMBER: BRF 025-1(37)SC  
 SITE NUMBER: BR-9  
 GROUND ELEVATION: 584.9 ft  
 GROUNDWATER DEPTH: 15.5 ft 3/18/09  
 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 (%)
			RUN	REC (%)	RQD (%)	Dip (deg)	Drill Rate (min/ft)
10		BXDC, Cobbles, 2.5 ft - 9.5 ft					
15		BXDC, Cobbles, 13.0 ft - 14.0 ft					
20		BXDC, Cored ahead, 17.2 ft - 19.0 ft					
20		BXDC, Cored ahead, 19.1 ft - 21.0 ft					
25		BXDC, Cobbles, 22.5 ft - 24.0 ft					
25		BXDC, Boulder, 25.0 ft - 27.0 ft					
30		BXDC, Cobbles, 27.0 ft - 31.0 ft					
35		BXDC, Cored ahead, 33.5 ft - 35.0 ft					
35		A-1-b, GrSa, gry, Wet, Rec. = 0.9 ft	R	11.2	42.4	42.9	14.7
35		Field Note: Pulled out casing. Changed bit. Changed casing from 4" to 3.5".					
40		No Recovery, 40.0 ft - 41.0 ft	R				
40		BXMDC, Cobbles, 41.0 ft - 42.5 ft					
45		A-4, SiSa, gry, Wet, Rec. = 0.6 ft	84	21.5	2.8	60.2	37.0
50		A-3, Sa, gry, Wet, Rec. = 0.8 ft	R	23.6	0.0	92.4	7.6
55		A-4, SaSi, gry, MTW, Rec. = 0.6 ft	R	27.6	0.0	26.7	73.3
60		A-4, SaSi, gry, MTW, Rec. = 0.7 ft	R	22.5	0.0	24.0	76.0
60		Top of Bedrock @ 60.7 ft					
60		Gray, Biotite Gneiss, Competent, Very hard, Unweathered, BXMDC, 60.7 ft - 65.7 ft, Rec. = 4.8 ft	1	96	60	35	5
60							5
60							10
60							10
60							12
60		Gray, Biotite Gneiss, Competent, Very hard, Unweathered, BXMDC, 65.7 ft - 70.7 ft, Rec. = 4.85 ft	2	97	70	35	7
60							11
60							10
60							12
60							18
70		Hole stopped @ 70.7 ft					

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