



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

BORING NUMBER: B-4  
 SHEET 1 of 1  
 DATE STARTED: 8/26/04  
 DATE COMPLETED: 9/02/04

PROJECT NAME: MORETOWN-MIDDLESEX  
 SITE NAME: US 2  
 STATION: 270+36  
 OFFSET: 22.00  
 VTSPG: N 658474.19 ft E 1589106.31 ft

PROJECT NUMBER: BRS 0284(14)  
 SITE NUMBER: BR-50  
 GROUND ELEVATION: 427.53 ft  
 GROUNDWATER DEPTH:  
 PROJECT PIN NUMBER: 78F219

BORING CREW  
 CREW CHIEF: RUSSELL  
 DRILLER: RUSSELL  
 LOGGER: TALLMAN

BORING RIG: LARGE SKID RIG ON RAFT  
 BORING TYPE: WASH BORE  
 SAMPLE TYPE: SPLIT BARREL  
 CHECKED BY: DLG

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
			RUN	REC (%)	ROD (%)	Dip (deg)	Drill Rate (min/ft)
		A-1-b, Sa, brn, Sat, Rec. = 1.0 ft	1	24.6	1.3	95.4	3.3
		A-1-b, GrSa, gry, Sat, Rec. = 0.81 ft	2	17.6	37.1	59.1	3.8
5		A-1-a, SaGr, gry, Sat, Rec. = 0.4 ft	14	12.8	54.5	38.9	6.6
		Visual Classification: A-1-a, Sa Gr, gry, Sat, Rec. = 0.3 ft, 6.0 ft - 8.0 ft, Insufficient sample for testing.	12				
		No Recovery, 8.0 ft - 10.0 ft	13				
10		Visual Classification: A-1-b, Gr Sa, brn, Sat, Rec. = 0.2 ft, 10.0 ft - 12.0 ft, Insufficient sample for testing.	13				
		A-1-b, GrSa, brn, Sat, Rec. = 1.2 ft	40	11.6	42.2	48.7	9.1
15		A-3, Sa, brn, Moist, Rec. = 1.3 ft	16	17.1	19.4	72.7	7.9
20		A-3, Sa, gry, Moist, Rec. = 0.9 ft	10	18.2	16.8	75.2	8.0
25		A-2-4, Sa, gry, Moist, Rec. = 0.7 ft	2	22.5	5.8	80.6	13.6
30		A-2-4, SiSa, gry, Moist, Rec. = 1.3 ft	5	24.9	0.0	74.5	25.5
35		A-2-4, SiSa, gry, Wet, Rec. = 0.4 ft	R				
		Green, Greenstone, with laminated quartz veins, Competent, Moderately hard, Unweathered, NXMDC, 35.4 ft - 40.4 ft, Rec. = 4.8 ft	1	96	86	80	28.0
40		Green, Greenstone, with laminated quartz veins, Competent, Moderately hard, Unweathered, NXMDC, 40.4 ft - 45.4 ft, Rec. = 5.0 ft	2	100	80	80	
45		Hole stopped @ 45.4 ft					

LOG OF BORING MORETOWN-MIDDLESEX BRS0284(14).GPJ VT AOT.GDT 8/30/06

Top of Bedrock @ 35.4 ft  
 30.1 3.3 68.1