



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

BORING NUMBER: B-17  
 SHEET 1 of 1  
 DATE STARTED: 10/14/09  
 DATE COMPLETED: 10/20/09

PROJECT NAME: BRATTLEBORO  
 SITE NAME: I-91  
 STATION: 461+60  
 OFFSET: 1.71  
 VTSPG NAD83: N 127026.15 ft E 1619427.36 ft

PROJECT NUMBER: IM 091-1(50)  
 SITE NUMBER: BR 6 N&S  
 GROUND ELEVATION: 356.73 ft  
 GROUNDWATER DEPTH: 39.5 ft 10/16/09  
 PROJECT PIN NUMBER: 02A014

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

BORING RIG: LAG TRACK RIG #09 w/AUTO HAMMER  
 BORING TYPE: WASH BORE  
 SAMPLE TYPE: SPLIT BARREL  
 CHECKED BY: TDE

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)	LL (%)	PI (%)
			RUN	REC (%)	RQD (%)	Dip (deg)	Drill Rate (min/ft)		
		A-1-b, GrSa, brn, MTW, Rec. = 0.7 ft	4	12.3	39.8	46.1	14.1		
		A-4, GrSaSi, gry, MTW, Rec. = 1.0 ft	19	13.6	25.2	36.3	38.5		
10		A-4, SaSi, gry, MTW, Rec. = 1.6 ft	19	12.4	15.3				
		Field Note: No Recovery	24						
20		A-6, SiCl with GrSa, gry, MTW, Rec. = 1.4 ft	28	16.8	24.9	29.1	46.0	31	12
		A-4, ClSi (HP), gry, Moist, Rec. = 1.8 ft	35	13.3	2.2	30.4	67.4	25	9
30		A-4, ClSi (HP), gry, Moist, Rec. = 2.0 ft, Particles smaller than 0.002 mm = 22.4%	34	14.6	7.0	23.3	69.7	27	10
		Field Class., NXDC, Cobbles							
40		Field Note: No Recovery	R						
		Field Class., NXDC, Cobbles							
		Field Class., NXDC, Cobbles							
50		Probable Cobbles, Gray siliceous meta-limestone and gray meta-limestone with thin quartz veins, Hard, Slightly weathered, NXMDC, 47.5 ft - 49.5 ft, Rec. = 1.2 ft	1	60	0		11		
			2	42	18		17		
							11		
							12		
							14		
							12		
			3	50	0	15	12		
							11		
60		Gray, Meta-Limestone, with closely spaced stained jointing. Poor competency. Possible top of bedrock at 54.5 ft., Hard, Unweathered, NXMDC, 54.5 ft - 57.5 ft, Rec. = 1.5 ft					12		
		Hole stopped @ 57.5 ft					10		

LOG OF BORING BRATTLEBORO IM 091-1(50).GPI VT.AOT.GBT 1/21/10