



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

BORING NUMBER: B-102  
 SHEET 1 of 1  
 DATE STARTED: 7/22/09  
 DATE COMPLETED: 7/27/09

PROJECT NAME: BARRE TOWN  
 SITE NAME: VT-63 & TH-9  
 STATION: 72+50  
 OFFSET: -50.00  
 VTSPG NAD83: N 607085.90 ft E 1629914.69 ft

PROJECT NUMBER: STP-HES 042-1(2)  
 SITE NUMBER:  
 GROUND ELEVATION: 1078.0 ft  
 GROUNDWATER DEPTH: 5.7 ft 7/27/09  
 PROJECT PIN NUMBER: 08B176

BORING CREW  
 CREW CHIEF: WERNER  
 DRILLER: WERNER  
 LOGGER: EWALD

BORING RIG: SMALL SKID RIG  
 BORING TYPE: WASH BORE  
 SAMPLE TYPE: SPLIT BARREL  
 CHECKED BY: CEE

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
			RUN	REC (%)	RQD (%)	Dip (deg)	Drill Rate (min/ft)
		A-4, SiSa, brn, Moist, Rec. = 1.0 ft	3	24.2	19.3	43.0	37.7
		A-4, SaSi, brn, Moist, Rec. = 0.8 ft	5	19.1	15.9	33.0	51.1
5		A-2-4, SiSaGr, brn, Wet, Rec. = 0.9 ft	13	23.4	35.2	33.0	31.8
		A-2-4, SiGrSa, brn, Wet, Rec. = 0.8 ft	15	16.3	31.1	45.4	23.5
		A-1-b, SiGrSa, brn, Wet, Rec. = 0.9 ft	19	17.6	31.8	43.9	24.3
10		Cobbles, 9.9 ft - 10.8 ft					
		A-1-b, SaGr, brn, Wet, Rec. = 0.3 ft	R	12.2	55.5	28.2	16.3
		Dark gray, Meta-Limestone, Hard, Unweathered, BXDC, 12.0 ft - 14.0 ft, Rec. = 0.65 ft	1	33	0	12.0 ft	12
		Dark gray, Meta-Limestone, Competent, Hard, Unweathered, BXMDC, 14.0 ft - 19.0 ft, Rec. = 5.0 ft	2	100	48	40	10
							11
							10
							13
							26
20		Hole stopped @ 19.0 ft					
		DRILLER'S NOTES: 1. Run#1 core was placed in a sample bag and then saved in the core box.					
25							
30							
35							

LOG OF BORING BARRE TOWN STP-HES 042-1(2).GPJ VT AOT.GDT 8/18/09