



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

BORING NUMBER: RB-04
SHEET 1 of 2
DATE STARTED: 7/28/09
DATE COMPLETED: 8/05/09

PROJECT NAME: BRISTOL
SITE NAME: VT-116
STATION: 123+92
OFFSET: 20.00
VTSPG NAD83: N 582824.91 ft E 1484590.18 ft

PROJECT NUMBER: BRF 021-1(15)
SITE NUMBER: BR-6&8
GROUND ELEVATION: 328.53 ft
GROUNDWATER DEPTH: 3.9 ft 8/05/09
PROJECT PIN NUMBER: 78F187

BORING CREW
CREW CHIEF: PORTER
DRILLER: PORTER
LOGGER: WERNER

BORING RIG: LAG TRACK RIG #10 w/AUTO HAMMER
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 (%)
		A-4, SiSa, gry-brn, Moist, Rec. = 1.5 ft	2	29.8	6.0	50.9	43.1
5		A-2-4, Sa, brn, Wet, Rec. = 2.0 ft	9	22.5	19.4	67.0	13.6
		Cobbles, 6.2 ft - 8.0 ft					
10		A-4, SaSi, brn, Wet, Rec. = 1.2 ft	14	17.6	19.3	31.9	48.8
15		A-4, SiSa, brn, Wet, Rec. = 1.7 ft	29	18.3	16.3	42.7	41.0
		Field Note: No Recovery	R				
20							
25		Field Note: No Recovery	R				
30		A-3, Sa, brn, Wet, Rec. = 1.4 ft	43	19.1	6.1	84.7	9.2
		Field Note: Lost water at 30.0 ft.					
35		A-1-b, SiSaGr, gry, Wet, Rec. = 0.5 ft	R	8.0	44.6	32.3	23.1
		Field Note: Water returned at 34.0 ft.					
40		A-4, GrSaSi, gry, Wet, Rec. = 0.7 ft	R	12.3	26.6	28.0	45.4
45		A-4, SiGr, gry, Wet, Rec. = 0.9 ft	R	11.5	41.9	17.2	40.9
		A-4, Si, gry, Wet, Rec. = 0.8 ft	R	15.2	16.9	18.4	64.7
		Field Note: Put a 3" casing inside the 4" casing.					

LOG OF BORING BRISTOL BRF 021-1(15).CPJ VT AOT.GDT 12/16/09



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DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
55		Field Note: No Recovery	R				
60		A-4, SaSi, gry, Wet, Rec. = 0.7 ft	R	14.0	19.5	30.1	50.4
65		A-4, SiSa, brn, Wet, Rec. = 0.8 ft	R	17.9	2.2	59.6	38.2
70		Cobbles, 67.5 ft - 68.5 ft					
		A-2-4, GrSiSa, gry, Wet, Rec. = 0.4 ft	R	8.4	25.4	40.2	34.4
75		A-2-4, SiGrSa, gry, Moist, Rec. = 0.8 ft	R	8.9	33.5	40.2	26.3
80		A-4, SiSa, gry, Moist, Rec. = 1.1 ft	R	10.2	16.7	46.3	37.0
		Hole stopped @ 79.5 ft					

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