



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

BORING NUMBER: RB-06
SHEET 1 of 2
DATE STARTED: 8/20/09
DATE COMPLETED: 8/25/09

PROJECT NAME: BRISTOL PROJECT NUMBER: BRF 021-1(15)
SITE NAME: VT-116 SITE NUMBER: BR-6&8
STATION: 125+75 GROUND ELEVATION: 326.08 ft
OFFSET: 15.00 GROUNDWATER DEPTH: NONE TAKEN
VTSPG NAD83: N 582842.88 ft E 1484409.36 ft PROJECT PIN NUMBER: 78F187

BORING CREW BORING RIG: LAG TRACK RIG #10 w/AUTO HAMMER
CREW CHIEF: PORTER BORING TYPE: WASH BORE
DRILLER: PORTER SAMPLE TYPE: SPLIT BARREL
LOGGER: MAHMUTOVIC CHECKED BY: CEE

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
5		Visual Classification, GrSiSa with Wood, brn, Wet, Rec. = 0.6 ft	14	22.2			
		NXDC, Boulders & Cobbles, 5.3 ft - 7.0 ft					
		A-4, SiSa, gry, Wet, Rec. = 1.2 ft	11	16.1	16.6	44.3	39.1
10							
		A-2-4, SiSa, gry, Wet, Rec. = 2.0 ft	13	19.0	0.6	72.4	27.0
15							
		A-4, GrSaSi, gry, MTW, Rec. = 1.2 ft, Broken Rock was within sample.	36	15.4	22.6	34.2	43.2
20							
		A-4, SaSi, gry, MTW, Rec. = 1.5 ft, Broken Rock was within sample.	71	19.5	15.7	33.1	51.2
25							
		A-4, GrSiSa, gry, Wet, Rec. = 0.7 ft	R	11.2	25.8	38.6	35.6
30							
		A-2-4, SiGrSa, gry, Wet, Rec. = 0.5 ft	R	10.4	33.4	39.3	27.3
35							
		A-4, SaSi, gry, MTW, Rec. = 1.3 ft	R	18.8	0.0	25.5	74.5
40							
		A-4, SaSi, gry, MTW, Rec. = 1.2 ft	R	22.6	1.4	26.6	72.0
45							
		A-4, Si, gry, MTW, Rec. = 1.3 ft	R	21.7	0.0	14.7	85.3

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



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

BORING NUMBER: RB-06
SHEET 2 of 2
DATE STARTED: 8/20/09
DATE COMPLETED: 8/25/09

PROJECT NAME: BRISTOL PROJECT NUMBER: BRF 021-1(15)
SITE NAME: VT-116 SITE NUMBER: BR-6&8
STATION: 125+75 GROUND ELEVATION: 326.08 ft
OFFSET: 15.00 GROUNDWATER DEPTH: NONE TAKEN
VTSPG NAD83: N 582842.88 ft E 1484409.36 ft PROJECT PIN NUMBER: 78F187

BORING CREW BORING RIG: LAG TRACK RIG #10 w/AUTO HAMMER
CREW CHIEF: PORTER BORING TYPE: WASH BORE
DRILLER: PORTER SAMPLE TYPE: SPLIT BARREL
LOGGER: MAHMUTOVIC CHECKED BY: CEE

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
55		A-4, Si, gry, MTW, Rec. = 1.4 ft	R	21.1	1.2	17.6	81.2
60							
		A-2-4, SiSa, gry, MTW, Rec. = 1.2 ft	R	21.1	0.0	71.6	28.4
65							
		A-2-4, Sa, gry, MTW, Rec. = 1.0 ft, Flowing Sand. Added Bentonite.	62	22.6	0.0	84.7	15.3
70							
		A-2-4, GrSa, gry, MTW, Rec. = 1.5 ft, Flowing Sand. Added Bentonite.	45	20.9	23.1	63.9	13.0
75							
		A-3, Sa, gry, MTW, Rec. = 2.0 ft, Flowing Sand. Added Bentonite.	63	18.1	8.4	84.4	7.2
80							
		A-2-4, Sa, gry, MTW, Rec. = 0.8 ft, Flowing Sand. Added Bentonite.	65	18.6	10.2	75.5	14.3
85							
		A-2-4, SiSa, gry, MTW, Rec. = 2.0 ft, Flowing Sand. Unable to advance casing.	64	19.7	0.3	79.1	20.6
		Hole stopped @ 84.0 ft					

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