



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

BORING NUMBER: B-101
 SHEET 1 of 1
 DATE STARTED: 9/30/09
 DATE COMPLETED: 9/30/09

PROJECT NAME: BRISTOL
 SITE NAME: VT 17
 STATION: 90+50
 OFFSET: 10.70
 VTSPG NAD83: N 606284.27 ft E 1503800.39 ft

PROJECT NUMBER: ER 0200(10)
 SITE NUMBER: SLIDE MM 2.15+
 GROUND ELEVATION: 1000.3 ft
 GROUNDWATER DEPTH: 13.3 ft 10/05/09
 PROJECT PIN NUMBER: 10C040

BORING CREW
 CREW CHIEF: GARROW
 DRILLER: GARROW
 LOGGER: STAAB

BORING RIG: CME 45C SKID AUTO
 BORING TYPE: WASH BORE
 SAMPLE TYPE: SPLIT BARREL
 CHECKED BY: NSM

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
			RUN	REC (%)	RQD (%)	Dip (deg)	Drill Rate (min/ft)
		Asphalt Pavement, 0.0 ft - 0.7 ft					
		A-1-b, SaGr, brn, Moist, Rec. = 1.1 ft	6	9.9	47.4	37.5	15.1
5		A-1-b, SaGr, brn-orange, MTW, Rec. = 0.6 ft	4	19.0	57.6	23.8	18.6
10		BXDC, Cobbles, 9.5 ft - 10.0 ft	10	9.5	48.3	29.3	22.4
		A-1-b, SiSaGr, gry, Moist, Rec. = 0.7 ft					
15		A-2-4, SiSaGr, gry, Moist, Rec. = 1.7 ft	63	12.2	35.8	34.3	29.9
		Top of Bedrock @ 19.2 ft					
20		Gray, Quartz-albite-sericite-biotite-chlorite-Schist, with garnet porphyroblasts, Competent, Moderately soft, Slightly weathered, BXMDC, 19.2 ft - 24.2 ft, Rec. = 4.7 ft	1	94	34	65	12 12 13 14
25		Hole stopped @ 24.2 ft					
		NOTE: 1. The hammer energy correction factor, c_c for the CME 45 Skid Rig used in this investigation is 1.33. The N values provided on the boring logs are raw values and have not been corrected.					

LOG OF BORING BRISTOL ER 0200(10).LGPJ VT AOT.GDT 6/16/10