



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

BORING NUMBER: B-201
SHEET 1 of 1
DATE STARTED: 5/11/10
DATE COMPLETED: 5/18/10

PROJECT NAME: BRISTOL
SITE NAME: VT 17
STATION: 90+70
OFFSET: 44.40
VTSPG NAD83: N 606261.19 ft E 1503828.03 ft

PROJECT NUMBER: ER 0200(10)
SITE NUMBER: SLIDE MM 2.15+
GROUND ELEVATION: 981.97 ft
GROUNDWATER DEPTH: NWD 5/14/10
PROJECT PIN NUMBER: 10C040

BORING CREW
CREW CHIEF: GARROW
DRILLER: GARROW
LOGGER: PORTER

BORING RIG: CME 45C TRACK 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)
		A-1-b, SiSaGr, brn, Moist, Rec. = 1.2 ft	1	13.2	42.5	35.8	21.7
		A-2-4, SiSaGr, brn, Moist, Rec. = 1.4 ft	5	11.4	39.1	35.3	25.6
		A-1-b, SiSaGr, brn, Wet, Rec. = 0.7 ft, Broken Rock was within sample.	24	19.7	51.1	24.5	24.4
		A-2-4, SiSaGr, brn, Wet, Rec. = 0.5 ft	10	16.9	39.1	32.2	28.7
		No Recovery, 8.0 ft - 9.6 ft	15				
10		Field Class., Cobbles	15	11.5	43.2	32.0	24.8
		A-1-b, SiSaGr, brn, Wet, Rec. = 0.6 ft	15	11.8	34.9	33.1	32.0
		A-2-4, SiSaGr, brn, Wet, Rec. = 0.6 ft, Broken Rock was within sample.	15	11.8	34.9	33.1	32.0
		A-4, SaSi, gry, Wet, Rec. = 1.0 ft	13	25.0	10.6	32.6	56.8
		A-2-4, SaSiGr, gry, Wet, Rec. = 1.8 ft	45	15.3	36.2	31.4	32.4
20		A-1-b, SaGr, gry, Wet, Rec. = 1.0 ft	74	10.2	44.7	39.6	15.7
		A-1-b, GrSa, gry, Wet, Rec. = 0.9 ft	R	11.8	40.1	42.0	17.9
		A-2-4, SiGrSa, gry, Wet, Rec. = 0.5 ft	R	10.6	27.5	46.3	26.2
		Field Class., Cobbles, NXDC					
		Field Class., Boulder, NXDC					
		Field Class., Cobbles, NXDC, Pulled casing and changed bit.					
30		Field Note:, Cored ahead, NXDC					
		Field Note:, Appears to be weathered rock	R				
		Visual Classification, Weathered Rock, grn-gry, Rec. = 0.3 ft	R				
		Top of Bedrock @ 38.0 ft					
40		Green, Quartz-sericite-albite-chlorite-biotite-Schist, Good rock, Moderately hard, Fresh, NXMDC, 38.0 ft - 40.0 ft, Rec. = 1.9 ft	1	95	20	50	17
		Green, Quartz-sericite-albite-chlorite-biotite-Schist, Good rock, Moderately hard, Fresh, NXMDC, 40.0 ft - 45.0 ft, Rec. = 5.0 ft	2	100	78	50	15
							18
							20
							19
							18
		Green, Quartz-sericite-albite-chlorite-biotite-Schist, Very good rock, Moderately hard, Fresh, NXMDC, 45.0 ft - 48.0 ft, Rec. = 3.0 ft	3	100	93	50	15
							15
							16
50		Hole stopped @ 48.0 ft					
		NOTE: 1. The hammer energy correction factor, C_c for the CME 45 Track Rig used in this investigation is 1.34. The N values provided on the boring logs are raw values and have not been corrected.					

LOG OF BORING BRISTOL ER 0200(10).GPJ VT_AOT.GDT 6/16/10