



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

BORING NUMBER: B-103
SHEET 1 of 1
DATE STARTED: 4/24/09
DATE COMPLETED: 4/29/09

PROJECT NAME: RICHFORD
SITE NAME: VT.105
STATION: 5+80.0
OFFSET: 7.00
VTSPG: N 905896.00 ft E 1597366.60 ft

PROJECT NUMBER: STP 034-2(15)
SITE NUMBER: SLIDE
GROUND ELEVATION: 361.6 ft
GROUNDWATER DEPTH: 6.4 ft 4/28/09
PROJECT PIN NUMBER: 09B074

BORING CREW
CREW CHIEF: GARROW
DRILLER: GARROW
LOGGER: MAHMUTOVIC

BORING RIG: LARGE SKID RIG w/AUTO HAMMER
BORING TYPE: WASH BORE
SAMPLE TYPE: SPLIT BARREL
CHECKED BY: CCB

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					
		Visual Classification, Broken Asphalt Pavement, blk, Wet, Rec. = 0.9 ft	30				
		A-1-b, SiGrSa, brn, Wet, Rec. = 0.5 ft	3	14.2	31.4	44.6	24.0
		No Recovery. Stone in end of sampler., 5.0 ft - 7.0 ft, Appears to be silt.					
		A-4, SaSi with Wood pieces within sample, gry, Wet, Rec. = 1.2 ft	3	30.2	11.9	30.3	57.8
10		A-4, Si, gry, Wet, Rec. = 1.4 ft	3	40.0	0.0	18.4	81.6
		A-4, SaSi, gry, Wet, Rec. = 1.5 ft	3	31.8	0.9	20.6	78.5
		A-4, SaSi, gry, Wet, Rec. = 1.0 ft	2	25.1	6.4	21.0	72.6
		A-4, Si, gry, Wet, Rec. = 2.0 ft	WR	28.2	0.0	6.6	93.4
		A-4, Si, gry, Wet, Rec. = 2.0 ft	1	27.0	0.0	19.6	80.4
20		No Recovery. Appears to be silt, gry, Wet, 19.0 ft - 21.0 ft	5				
		A-4, SaSi, gry, Wet, Rec. = 1.4 ft	4	26.6	0.0	22.5	77.5
		A-4, SaSi, gry, Wet, Rec. = 1.2 ft	3	25.7	0.2	29.3	70.5
		A-4, Si, gry, Wet, Rec. = 1.4 ft	3	24.3	0.0	15.1	84.9
		A-2-4, SiSa, brn, Wet, Rec. = 1.3 ft	10	17.8	4.8	71.0	24.2
30		A-3, Sa, brn, Wet, Rec. = 0.8 ft	25	17.9	0.6	90.4	9.0
		A-4, SaSi, brn, Wet, Rec. = 1.5 ft	77	18.5	7.3	42.4	50.3
40		A-4, GrSaSi, brn, MTW, Rec. = 1.5 ft	88	13.9	28.6	33.1	38.3
		A-2-4, Sa, brn, MTW, Rec. = 0.7 ft	80	16.0	0.5	86.6	12.9
50		Field Note: Lost water return at 48 ft. No Recovery, 49.0 ft - 51.0 ft	50				
		Top of Bedrock @ 51.7 ft					
		Silver-gray, Quartz-mica Schist, Competent., Hard, Unweathered, BXMDC, 51.7 ft - 56.7 ft, Rec. = 4.6 ft	1	92	72	20	19 18 14 17 15
		Hole stopped @ 56.7 ft					

LOG OF BORING RICHFORD STP 034-2(15) GPJ VT AQI.GDT 5/28/09