



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

BORING NUMBER: B-104
 SHEET 1 of 1
 DATE STARTED: 4/22/09
 DATE COMPLETED: 4/23/09

PROJECT NAME: RICHFORD
 SITE NAME: VT.105
 STATION: 6+40.0
 OFFSET: 9.00
 VTSPG: N 905927.80 ft E 1597319.10 ft

PROJECT NUMBER: STP 034-2(15)
 SITE NUMBER: SLIDE
 GROUND ELEVATION: 360.8 ft
 GROUNDWATER DEPTH: 5.5 ft 4/24/09
 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

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

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)	LL (%)	PI (%)
			RUN	REC (%)	RQD (%)	Dip (deg)	Drill Rate (min/ft)		
		Asphalt Pavement, 0.0 ft - 0.8 ft							
		Visual Classification, A-1-b, GrSa with broken asphalt pavement, brn, Moist, Rec. = 0.4 ft	41	10.7					
		Field Note: NXDC 2.0 ft to 3.0 ft.	46	8.8					
		Visual Classification, A-1-b, SaGr with broken asphalt pavement, Dk/gry, Moist, Rec. = 0.9 ft	3	11.8	36.8	41.7	21.5		
		A-1-b, SiGrSa, brn, Moist, Rec. = 1.1 ft	8						
		No Recovery, 7.0 ft - 9.0 ft							
10		A-4, SaSi, gry, MTW, Rec. = 1.0 ft	3	24.8	13.1	35.1	51.8		
		No Recovery. Appears to be silt, 11.0 ft - 13.0 ft	6						
		A-4, Si, gry, Wet, Rec. = 1.2 ft	1	27.7	2.3	14.2	83.5		
		A-4, Si, gry, Wet, Rec. = 0.8 ft	2	23.0	0.0	19.4	80.6		
		A-4, SaSi, gry, MTW, Rec. = 1.9 ft	3	26.1	0.0	23.9	76.1	28	2
20		A-4, Si, brn, MTW, Rec. = 0.9 ft	4	31.2	0.0	12.2	87.8	31	1
		A-4, SaSi, brn, MTW, Rec. = 1.0 ft	3	24.9	0.0	37.4	62.6		
		A-4, SaSi, brn, MTW, Rec. = 1.3 ft	3	22.0	0.0	46.5	53.5		
		A-4, ClSi, brn, MTW, Rec. = 2.0 ft	1	30.9	0.0	5.5	94.5	31	7
		A-4, Si		32.7	0.0	6.9	93.1	31	5
30		A-4, SaSi, gry, MTW, Rec. = 2.0 ft	2	22.2	0.0	30.6	69.4		
		A-4, Si, gry, MTW, Rec. = 1.0 ft	1	28.6	0.0	1.5	98.5		
40		A-4, GrSaSi, gry, MTW, Rec. = 1.2 ft	14	13.9	22.6	31.3	46.1		
		A-2-4, SiSa, brn, Moist, Rec. = 1.3 ft	28	15.4	3.2	73.6	23.2		
		Top of Bedrock @ 47.4 ft				47.4			
50		Silver-gray, Quartz-mica Schist, Competent., Hard, Unweathered, BXMDC, 47.4 ft - 52.4 ft, Rec. = 5.0 ft	1	100	95	45	16 16 15 12 12		
		Hole stopped @ 52.4 ft							