



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

BORING NUMBER: B-202  
 SHEET 1 of 1  
 DATE STARTED: 9/13/06  
 DATE COMPLETED: 9/15/06

PROJECT NAME: RICHMOND  
 SITE NAME: US-2  
 STATION: 803+62.50  
 OFFSET: 11.50  
 VTSPG: N 701350.04 ft E 1505351.57 ft

PROJECT NUMBER: STP-RS 0284(11)  
 SITE NUMBER: BR-24  
 GROUND ELEVATION: 295.4 ft  
 GROUNDWATER DEPTH: 12.0 ft 9/15/06  
 PROJECT PIN NUMBER: 90C092

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

BORING RIG: LAG TRACK 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 (%)	LL (%)	PI (%)
			RUN	REC (%)	ROD (%)	Dip (deg)	Drill Rate (min/ft)		
		A-2-4, SiSa, brn, Moist, Rec. = 1.6 ft	2	10.8	0.0	74.7	25.3		
5		A-2-4, SiSa, brn, Moist, Rec. = 0.5 ft	18	24.4	3.6	69.6	26.8		
		Visual Class: Broken rock with silty sand material, gry, Moist, Rec. = 0.9 ft							
10		A-2-4, SiSa, gry, Moist, Rec. = 1.1 ft, Hard to keep water at 12.5 ft	4	30.8	3.2	71.0	25.8		
15		A-3, Sa, gry, Moist, Rec. = 0.7 ft	2	26.6	1.8	88.3	9.9		
20		A-1-b, Sa, brn, Moist, Rec. = 1.1 ft	7	21.3	8.6	86.7	4.7		
25		A-4, Si, gry, Moist, Rec. = 1.7 ft, Sample tested "NP". Water stable at 25.0 ft	7	33.9	0.1	2.3	97.6		
30		A-4, Si, gry, Moist, Rec. = 1.2 ft	8	31.3	0.0	1.1	98.9	30	4
		A-7-6, Cl, gry, Moist, Rec. = 0.8 ft		38.2	0.0	1.6	98.4	49	24
35		Visual Class: Broken rock with some clay material, gry, Moist, Rec. = 0.3 ft	20						
		Top of Bedrock @ 37.2 ft							
40		Gray, Phyllitic Schist, with small magnetite porphyroblasts. Competent, Moderately hard, Unweathered, NXMDC, 37.2 ft - 41.1 ft, Rec. = 3.3 ft	1	85	62	60	6 16 16 18		
45		Gray, Phyllitic Schist, with small magnetite porphyroblasts. Competent, Moderately hard, Unweathered, NXMDC, 41.1 ft - 42.4 ft, Rec. = 1.3 ft Hole stopped @ 42.4 ft	2	100	100	60	15		

LOG OF BORING RICHMOND STP-RS 0284(11).LGP VT AOT.GDT 1/18/07