



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

BORING NUMBER: B-4  
SHEET 1 of 1  
DATE STARTED: 1/17/92  
DATE COMPLETED: 1/21/92

PROJECT NAME: ROYALTON  
SITE NAME: BR-27 & BR-28  
STATION: 391+54.31  
OFFSET: 18.02  
VTSPG: N 489307.02 ft E 1617777.69 ft

PROJECT NUMBER: BRS 0147(13)  
SITE NUMBER: RT 14  
GROUND ELEVATION: 505.36 ft  
GROUNDWATER DEPTH: 12.6 ft  
PROJECT PIN NUMBER: 86E055

BORING CREW  
CREW CHIEF: McGLYNN  
DRILLER: WILLIS  
LOGGER: FELCH

BORING RIG:  
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)
		A-4, SaSi, brn, Moist, Rec. = 2.0 ft	14	27.8			
		A-2-4, SiSa, brn, Moist, Rec. = 1.5 ft	8	29.2			
		A-4, SiSa, brn, Moist, Rec. = 1.0 ft	8	26.7			
		A-2-4, SiSa, brn, Moist, Rec. = 1.0 ft	4	15.6			
10		A-1-b, GrSa, gry, Moist, Rec. = 0.7 ft	8	15.9			
		A-2-4, GrSiSa, gry, Moist, Rec. = 1.0 ft	8	23.8			
		A-4, SaSi, gry, Wet, Rec. = 1.4 ft	9	26.4			
		A-4, SaSi, gry, Wet, Rec. = 1.3 ft	11	26.3			
		A-4, SiSa, gry, Wet, Rec. = 1.0 ft	10	22.5			
20		A-4, SiSa, gry, Wet, Rec. = 0.8 ft	11	27.1			
		A-2-4, Sa, gry, Wet, Rec. = 0.9 ft	9	23.3			
		A-2-4, Sa, gry, Wet, Rec. = 0.8 ft	17	24.3			
		A-2-4, SiSa, gry, Wet, Rec. = 1.9 ft	16	19.9			
		A-2-4, SiSa, gry, Wet, Rec. = 1.0 ft	25	22.2			
30		A-2-4, SiSa, gry, Wet, Rec. = 0.9 ft	13	24.3			
		A-2-4, SiSa, gry, Wet, Rec. = 1.0 ft	13	19.4			
		A-2-4, Sa, gry, Wet, Rec. = 1.0 ft	18	20.3			
		A-2-4, SiSa, gry, Wet, Rec. = 1.0 ft	27	16.6			
		A-2-4, Sa, gry, Wet, Rec. = 1.2 ft	34	20.7			
40		A-2-4, Sa, gry, Wet, Rec. = 1.1 ft	28	22.4			
		A-2-4, SiSa, gry, Wet, Rec. = 1.5 ft	9	19.0			
		A-2-4, Sa, gry, Wet, Rec. = 1.3 ft	48	12.4			
50		A-1-a, Gr, gry, Wet, Rec. = 0.8 ft	32	3.6			
		A-1-a, SaGr, gry, Wet, Rec. = 0.4 ft	22	8.4			
60		Core consists of interbedded gray and light gray phyllite and schist. The rock is moderately soft, slightly weathered, and competent overall., BXDC, 59.0 ft - 64.0 ft, Rec. = 2.8 ft	1	56	0	20	
		Same as Run #1, AXDC, 64.0 ft - 69.0 ft, Rec. = 1.9 ft	2	38	0	20	
70		Same as Run #1, AXDC, 69.0 ft - 74.0 ft, Rec. = 3.0 ft	3	60	0	20	
		Hole stopped @ 74.0 ft					

LOG OF BORING ROYALTON BRS 0147(13).GPJ VT AOT.GDT 12/13/06

Top of Bedrock @ 59.0 ft