



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

BORING NUMBER: B-1
 SHEET 1 of 1
 DATE STARTED: 1/30/92
 DATE COMPLETED: 1/31/92

PROJECT NAME: ROYALTON
 SITE NAME: BR-27 & BR-28
 STATION: 390+07.45
 OFFSET: -12.22
 VTSPG: N 489163.25 ft E 1617280.25 ft

PROJECT NUMBER: BRS 0147(13)
 SITE NUMBER: RT 14
 GROUND ELEVATION: 499.35 ft
 GROUNDWATER DEPTH: 4.3 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)
5.0 - 7.0	[Cross-hatched]	No Recovery, 5.0 ft - 7.0 ft	2				
10.0 - 11.2	[Diagonal lines]	A-2-4, Sa, gry, Wet, Rec. = 1.2 ft	10	24.7			
11.2 - 12.8	[Diagonal lines]	A-2-4, Sa, gry, Wet, Rec. = 1.6 ft	32	27.4			
12.8 - 13.8	[Diagonal lines]	A-2-4, Sa, gry, Wet, Rec. = 1.0 ft	24	11.9			
25.0 - 27.0	[Circles]	Boulders, No recovery, 25.0 ft - 27.0 ft	60				
30.0 - 32.0	[Circles]	Boulders, No recovery, 30.0 ft - 32.0 ft	49				
32.0 - 33.5	[Small circles]	A-1-a, SaGr, gry, Wet, Rec. = 0.5 ft	44	8.1			
33.5 - 34.5	[Small circles]	A-1-a, SaGr, gry, Wet, Rec. = 1.0 ft	57	16.0			
34.5 - 35.5	[Diagonal lines]	A-4, GrSiSa, gry, Wet, Rec. = 1.0 ft	24	13.2			
50.0 - 52.0	[Circles]	Boulders, No Recovery, 50.0 ft - 52.0 ft	R				
55.0 - 55.5	[Cross-hatched]	Possible Bedrock, No recovery, 55.0 ft - 55.5 ft	R				
60.1 - 64.6	[Diagonal lines]	Core consists of gray and light gray phyllite and schist. Phyllite is the dominant lithology. The core is moderately soft, unweathered, and competent., BXDC, 60.1 ft - 64.6 ft, Rec. = 4.5 ft	1	100	51	25	
64.6 - 69.6	[Diagonal lines]	Same as Run #1, BXMDC, 64.6 ft - 69.6 ft, Rec. = 4.5 ft	2	90	36	25	
69.6		Hole stopped @ 69.6 ft					

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