



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

BOT.
ABUT. #1
EL. 502.00

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		No Recovery, 5.0 ft - 7.0 ft	2				
10		A-2-4, Sa, gry, Wet, Rec. = 1.2 ft	10	24.7			
		A-2-4, Sa, gry, Wet, Rec. = 1.6 ft	32	27.4			
20		A-2-4, Sa, gry, Wet, Rec. = 1.0 ft	24	11.9			
25.0 - 27.0		Boulders, No recovery, 25.0 ft - 27.0 ft	60				
30.0 - 32.0		Boulders, No recovery, 30.0 ft - 32.0 ft	49				
		A-1-a, SaGr, gry, Wet, Rec. = 0.5 ft	44	8.1			
40		A-1-a, SaGr, gry, Wet, Rec. = 1.0 ft	57	16.0			
		A-4, GrSiSa, gry, Wet, Rec. = 1.0 ft	24	13.2			
50.0 - 52.0		Boulders, No Recovery, 50.0 ft - 52.0 ft	R				
55.0 - 55.5		Possible Bedrock, No recovery, 55.0 ft - 55.5 ft	R				
60		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	
		Same as Run #1, BXMDC, 64.6 ft - 69.6 ft, Rec. = 4.5 ft	2	90	36	25	
70		Hole stopped @ 69.6 ft					

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

APPROX.
PILE TIP



STATE OF VERMONT
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SUBSURFACE INFORMATION

BORING NUMBER: B-2
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+23.33
OFFSET: 25.18
VTSPG: N 489194.90 ft E 1617845.74 ft

PROJECT NUMBER: BRS 0147(13)
SITE NUMBER: RT 14
GROUND ELEVATION: 499.94 ft
GROUNDWATER DEPTH: 4.2 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

BOT.
ABUT. #1
EL. 502.00

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. = 1.0 ft	4	51.6			
10		Wood, 10.0 ft - 12.0 ft					
		A-2-4, Sa, gry, Wet, Rec. = 0.8 ft	14	21.5			
20		A-2-4, SiSa, gry, Wet, Rec. = 0.9 ft	17	29.0			
		A-4, SiSa, gry, Wet, Rec. = 1.0 ft	15	26.6			
30		A-2-4, Sa, gry, Wet, Rec. = 1.3 ft	27	19.4			
		A-1-b, Sa, gry, Wet, Rec. = 0.8 ft	27	12.3			
40		A-2-4, SiGrSa, gry, Wet, Rec. = 0.6 ft	58	12.9			
		No recovery, 45.0 ft - 47.0 ft	37				
50		No recovery, 50.0 ft - 52.0 ft	25				
		A-1-b, Sa, gry, Wet, Rec. = 0.5 ft	28	13.5			
60		No recovery, 60.0 ft - 60.6 ft	R				
		Same as Run #2, BX, 60.6 ft - 62.6 ft, Rec. = 1.2 ft	1				
		Core consists of gray and light gray interbedded phyllite and schist. The rock is moderately soft, slightly weathered on widely spaced fractures and competent overall., BXMDC, 62.6 ft - 67.6 ft, Rec. = 5.0 ft	2	100	65	45	
		Same as Run #2, BXMDC, 67.6 ft - 71.6 ft, Rec. = 3.2 ft	3	80	38	45	
70		Hole stopped @ 71.6 ft					

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

APPROX.
PILE TIP

PROJECT NAME: ROYALTON
PROJECT NUMBER: BRS 0147 (13)

FILE NAME: \BR 27\86e055bor_27.dgn PLOT DATE: 08-OCT-2013
PROJECT LEADER: C. CARLSON DRAWN BY: C. MOONEY
DESIGNED BY: D. PETERSON CHECKED BY: G. ROY
BRIDGE 27 BORING LOGS (1) SHEET 33 OF 186