



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

BORING NUMBER: B-202
 SHEET 1 of 1
 DATE STARTED: 7/19/06
 DATE COMPLETED: 7/24/06

PROJECT NAME: ROYALTON
 SITE NAME: BR-27 & BR-28
 STATION: 415+65.00
 OFFSET: -34.00
 VTSPG: N 491599.88 ft E 1617142.84 ft

PROJECT NUMBER: BRS 0147(13)
 SITE NUMBER: RT 14
 GROUND ELEVATION: 526.81 ft
 GROUNDWATER DEPTH: 12.8 ft 7/24/06
 PROJECT PIN NUMBER: 86E055

BORING CREW
 CREW CHIEF: GARROW
 DRILLER: GARROW
 LOGGER: RUSSELL

BORING RIG: LARGE SKID 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 (%)
			RUN	REC (%)	RQD (%)	Dip (deg)	Drill Rate (min/ft)
2.5		A-4, SiSa, brn, Moist, Rec. = 0.6 ft	2	13.0	16.2	46.9	36.9
5.0		A-4, SaSi, brn, Moist, Rec. = 0.8 ft	6	36.6	10.2	25.0	64.8
7.5		NXCDC, Concrete, 7.2 ft - 8.6 ft					
10.0		Field Note:, After six inches the sampler dropped in a void. trace of Si Sa in sampler.	2				
12.5		Field Note:, Advanced casing. Hit a Boulder from 12.8'-14.3', NXMDC.					
15.0		Field Note:, Rock break from 14.3'-15.3'					
15.3		Top of Bedrock @ 15.3 ft					
15.3		Gray, Meta-Limestone, Competent. Core barrel got caught in rock. Could not advance drilling., Moderately hard, Unweathered, NXMDC, 15.3 ft - 17.8 ft, Rec. = 2.3 ft	1	92	47	50	
17.5		Hole stopped @ 17.8 ft					

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