



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

BORING NUMBER: B-102  
SHEET 1 of 1  
DATE STARTED: 9/21/01  
DATE COMPLETED: 9/21/01

PROJECT NAME: POWNAL  
SITE NAME: US 7 SLIDE  
STATION: 59+51.00  
OFFSET: -13.40  
VTSPG: N 99329.61 ft E 1442766.51 ft

PROJECT NUMBER: ST 019-1(27)  
SITE NUMBER: MM 2.5  
GROUND ELEVATION: 649.49 ft  
GROUNDWATER DEPTH: 12.1 ft 9/21/01  
PROJECT PIN NUMBER: 04B002

BORING CREW  
CREW CHIEF: YOUNG  
DRILLER: YOUNG  
LOGGER: SOMERS

BORING RIG: LARGE SKID RIG  
BORING TYPE: WASH BORE  
SAMPLE TYPE: SPLIT BARREL  
CHECKED BY:

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
			RUN	REC (%)	RQD (%)	Dip (deg)	Drill Rate (min/ft)
		Asphalt, 0.0 ft - 0.9 ft					
		A-2-4, SiSaGr, gry, Moist, Rec. = 1.0 ft	26	11.9	43.2	29.5	27.3
10		A-2-4, SiSaGr, gry, Moist, Rec. = 1.1 ft	35	10.3	36.5	34.8	28.7
		A-1-a, SaGr, gry, Moist, Rec. = 0.6 ft	46	9.3	60.5	25.9	13.6
20		A-1-b, SaGr, gry, Moist, Rec. = 1.2 ft	R	8.6	56.3	27.1	16.6
		A-1-b, SaGr, gry, Moist, Rec. = 0.8 ft	59	9.4	53.4	29.0	17.6
30		A-1-b, SiGrSa, gry, Moist, Rec. = 1.33 ft	24	12.8	36.8	41.5	21.7
		A-1-b, GrSa, gry, Moist, Rec. = 0.9 ft	25	15.8	40.3	46.8	12.9
40		A-1-b, GrSa, gry, Moist, Rec. = 0.3 ft	R				
		Dark gray, phyllite, poor RQD, medium soft, unweathered, BXGDC, 40.3 ft - 42.3 ft, Rec. = 0.75 ft	1	38	0	10	13.1
		Dark gray, phyllite, competent, medium soft, unweathered, BXGDC, 42.3 ft - 46.8 ft, Rec. = 4.0 ft	2	89	89	10	
		Dark gray, phyllite, but also contains quartz veins near bottom of core, competent, medium soft, unweathered, BXGDC, 46.8 ft - 51.8 ft, Rec. = 3.6 ft	3	72	72	15	
50		Hole stopped @ 51.8 ft					

LOG OF BORING POWNAL SLIDE.GPJ VT AOT.GDT 8/25/06

Top of Bedrock @ 40.3 ft  
16.2 29.6 57.3