



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

BORING NUMBER: B-103
SHEET 1 of 1
DATE STARTED: 9/24/01
DATE COMPLETED: 9/25/01

PROJECT NAME: POWNAL
SITE NAME: US 7 SLIDE
STATION: 59+81.99
OFFSET: -12.00
VTSPG: N 99357.98 ft E 1442753.97 ft

PROJECT NUMBER: ST 019-1(27)
SITE NUMBER: MM 2.5
GROUND ELEVATION: 649.65 ft
GROUNDWATER DEPTH:
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 (%)	LL (%)	PI (%)
			RUN	REC (%)	RQD (%)	Dip (deg)	Drill Rate (min/ft)		
		Asphalt, 0.0 ft - 0.9 ft							
		Visual Class: Asphalt with SiSa, gry, Moist, Rec. = 1.25 ft, 5.0 ft - 7.0 ft	25	7.3					
10		A-1-b, SiSaGr, gry, Moist, Rec. = 1.25 ft	28	9.0	40.8	34.0	25.2		
		A-2-4, SiGrSa, gry, Moist, Rec. = 1.6 ft	16	13.4	34.0	35.1	30.9		
20		A-1-b, SiGrSa, brn, Moist, Rec. = 1.25 ft	28	10.8	37.4	42.1	20.5		
		BXGDC, Cleaned out casing, 24.5 ft - 25.0 ft	23	10.5	45.9	33.0	21.1		
		A-1-b, SiSaGr, gry, Moist, Rec. = 1.2 ft							
30		BXGDC, Cleaned out casing, 29.0 ft - 30.0 ft	26	10.7	62.7	24.5	12.8		
		A-1-a, SaGr, gry, Moist, Rec. = 0.5 ft							
		BXGDC, Boulder, 33.0 ft - 34.0 ft							
		A-1-a, SaGr, gry, Moist, Rec. = 0.9 ft	50	11.3	54.9	31.0	14.1		
		BXGDC, Boulder, 37.0 ft - 37.5 ft							
40		A-4, Si with broken rock, brn-gry, Moist, Rec. = 1.0 ft, Top of bedrock @ 41.0'	R	22.7	13.1	14.8	72.1	34	4
		Dark gray, phyllite, poor RQD, medium soft, unweathered, BXGDC, 41.0 ft - 44.0 ft, Rec. = 1.1 ft	1	37	0	10			
		Dark gray, phyllite, but with very closely spaced jointing, poor RQD may be due to breakage during drilling., medium soft, unweathered, BXGDC, 44.0 ft - 49.0 ft, Rec. = 3.5 ft	2	70	0	12			
50		Dark gray, phyllite, but with very closely spaced jointing, poor RQD may be due to breakage during drilling., medium soft, unweathered, BXGDC, 49.0 ft - 54.0 ft, Rec. = 4.1 ft	3	82	0	12			
		Hole stopped @ 54.0 ft							
60		DRILLER'S NOTES: 1. Hole caved in @ 12.4' (09/26/01) 2. Voids @ 3.5'-4.0' 3. Voids @ 12.0'-14.0' 4. Various voids 20.0'-25.0' 5. Various voids 26.0'-33.0'							

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