



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

BORING NUMBER: B-104
SHEET 1 of 1
DATE STARTED: 9/25/01
DATE COMPLETED: 9/26/01

PROJECT NAME: POWNAL
SITE NAME: US 7 SLIDE
STATION: 60+48.04
OFFSET: -11.75
VTSPG: N 99417.23 ft E 1442724.78 ft

PROJECT NUMBER: ST 019-1(27)
SITE NUMBER: MM 2.5
GROUND ELEVATION: 650.03 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 (%)
		Asphalt, 0.0 ft - 0.6 ft							
		BXGDC, Cleaned out casing, 4.6 ft - 5.0 ft No sample, Appears to be dense graded stone., 5.0 ft - 7.0 ft	7						
10		A-1-a, Gr, brn, Dry, Rec. = 0.2 ft, Stone in end of sampler.	19	4.4	92.2	6.4	1.4		
		A-1-b, SiSaGr, gry, Moist, Rec. = 1.0 ft	18	10.9	42.6	32.0	25.4		
20		A-1-b, SaGr, gry, Moist, Rec. = 0.9 ft	13	9.7	51.5	29.3	19.2		
		A-1-b, SaGr, gry, Moist, Rec. = 1.1 ft	34	9.5	47.2	35.2	17.6		
30		A-1-a, Gr with broken rock, brn-gry, Dry, Rec. = 0.15 ft	17	4.5	91.5	6.6	1.9		
		BXGDC, Cleaned out casing, 34.5 ft - 35.0 ft A-1-b, SaGr, gry, Moist, Rec. = 0.6 ft	9	11.4	45.5	37.1	17.4		
40		BXGDC, Cleaned out casing, 39.75 ft - 40.0 ft A-1-b, GrSa, brn-gry, Moist, Rec. = 0.9 ft	9	13.6	31.3	51.3	17.4		
		A-4, Si, brn, Moist, Rec. = 0.24 ft	26	29.9	5.0	7.9	87.1	36	6
50		A-1-b, SaGr with trace of clay, but not a principal component, gry, Moist, Rec. = 0.24 ft	43	13.5	53.3	29.0	17.7		
		Hole stopped @ 52.0 ft							
		DRILLER'S NOTES: 1. Hole caved in @ 7.8' (09/26/01) 2. Lost water return @ 2.0' 3. Small voids @ 4.5' 4. Drilling easy (Voids) 31.0'-32.0'							

LOG OF BORING POWNAL SLIDE.GPJ VT_A01.GDT 8/25/06