



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

BORING NUMBER: B-204 MW5
SHEET 1 of 1
DATE STARTED: 4/23/03
DATE COMPLETED: 4/24/03

PROJECT NAME: POWNAL
SITE NAME: US 7 SLIDE
STATION: 59+37.36
OFFSET: -149.96
VTSPG: N 99256.59 ft E 1442650.31 ft

PROJECT NUMBER: ST 019-1(27)
SITE NUMBER: MM 2.5
GROUND ELEVATION: 618.37 ft
GROUNDWATER DEPTH:
PROJECT PIN NUMBER: 04B002

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

BORING RIG: LAG TRACK 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 (%)	ROD (%)	Dip (deg)	Drill Rate (min/ft)		
5	x x x	A-4, GrSaSi, brn-gry, Moist, Rec. = 0.8 ft, Possible Fill material	2	22.1	21.9	31.6	46.5	52	28
		A-1-b, SiGrSa, brn, Moist, Rec. = 0.25 ft	2	25.3	37.6	41.1	21.3		
		A-7-6, Cl, brn-gry, Moist, Rec. = 1.25 ft	10	33.7	0.1	4.1	95.8		
10	[Diagonal Hatching]	Visual Class: A-7-6, SiCl, gry, Moist, Rec. = 1.2 ft, 6.0 ft - 8.0 ft	7	38.3				45	27
		Visual Class: A-7-6, SiCl, gry, Moist, Rec. = 1.9 ft, 8.0 ft - 10.0 ft	2	43.0					
15	[Diagonal Hatching]	A-7-6, SiCl, gry, Moist, Rec. = 1.85 ft	2	44.7	0.1	0.9	99.0	40	27
		Visual Class: A-7-6, SiCl, gry, Moist, Rec. = 2.0 ft, 12.0 ft - 14.0 ft	3	40.9					
		Visual Class: A-6, SiCl, gry, Moist, Rec. = 2.0 ft, 14.0 ft - 16.0 ft	2	42.6					
20	[Diagonal Hatching]	A-6, SiCl, gry, Moist, Rec. = 2.0 ft	2	44.1	0.1	1.1	98.8	40	24
		Visual Class: A-6, SiCl, gry, Moist, Rec. = 2.0 ft, 18.0 ft - 20.0 ft	WH	43.3					
		Visual Class: A-6, SiCl, gry, Moist, Rec. = 2.0 ft, 20.0 ft - 22.0 ft	1	42.1					
25	[Diagonal Hatching]	A-6, SiCl, gry, Moist, Rec. = 2.0 ft	WH	43.5	0.2	1.1	98.7	40	24
		Visual Class: A-6, SiCl, brn-gry, Moist, Rec. = 2.0 ft, 24.0 ft - 26.0 ft	WH	40.4					
		A-4, Si, brn, Moist, Rec. = 1.8 ft	1	37.4	0.1	1.0	98.9		
30	[Diagonal Hatching]	A-4, Si, brn, Moist, Rec. = 1.65 ft	3	35.5	0.2	2.4	97.4		
		A-4, Si, brn, Moist, Rec. = 1.9 ft	3	33.3	0.1	1.5	98.4		
		A-4, Si, brn-gry, Moist, Rec. = 1.2 ft	7	35.7	0.5	4.9	94.6		
35	[Diagonal Hatching]	A-2-4, SiSa, brn-gry, Moist, Rec. = 0.7 ft		24.7	6.3	60.5	33.2		
		A-2-4, SiSa, brn-gry, Moist, Rec. = 2.0 ft	9	23.8	0.8	64.0	35.2		
		A-2-4, SiSa, brn-gry, Moist, Rec. = 1.0 ft, Top of bedrock @ 37.0'	R	27.6	3.7	64.9	31.4		
40	[Diagonal Hatching]	Black, phyllite, with calcite veins, moderately soft, unweathered, BXGDC, 37.0 ft - 42.0 ft, Rec. = 3.8 ft	1	76	0	25			
45		Hole stopped @ 42.0 ft							
		DRILLER'S NOTES: 1. A Monitoring Well was installed.							

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