



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

BORING NUMBER: B-01  
 SHEET 1 of 1  
 DATE STARTED: 4/05/74  
 DATE COMPLETED: 4/05/74

PROJECT NAME: POWNAL  
 SITE NAME: US 7 SLIDE  
 STATION: 61+00.00  
 OFFSET: 22.00  
 VTSPG: N 99478.78 ft E 1442731.86 ft

PROJECT NUMBER: ST 019-1(27)  
 SITE NUMBER: MM 2.5  
 GROUND ELEVATION: 650.5 ft  
 GROUNDWATER DEPTH: 22.0 ft  
 PROJECT PIN NUMBER: 04B002

BORING CREW  
 CREW CHIEF:  
 DRILLER: WILLIS  
 LOGGER:

BORING RIG: TRUCK  
 BORING TYPE: AUGER  
 SAMPLE TYPE: AUGER  
 CHECKED BY:

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
0		A-1-b, SiGr, brn, Moist					
5		A-4, SaSi, gry, Moist					
10							
15							
20							
25		A-4, SaSi Hard pack, gry, Moist					
30							
35		A-4, Si, gry, Moist					
40		A-4, Si with a trace of clay, brn, Moist					
40		Hole stopped @ 40.0 ft					
45							

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



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BORING NUMBER: B-02  
 SHEET 1 of 1  
 DATE STARTED: 4/05/74  
 DATE COMPLETED: 4/05/74

PROJECT NAME: POWNAL  
 SITE NAME: US 7 SLIDE  
 STATION: 61+00.00  
 OFFSET: 82.00  
 VTSPG: N 99505.50 ft E 1442785.59 ft

PROJECT NUMBER: ST 019-1(27)  
 SITE NUMBER: MM 2.5  
 GROUND ELEVATION: 632.37 ft  
 GROUNDWATER DEPTH:  
 PROJECT PIN NUMBER: 04B002

BORING CREW  
 CREW CHIEF:  
 DRILLER: WILLIS  
 LOGGER:

BORING RIG: TRUCK  
 BORING TYPE: AUGER  
 SAMPLE TYPE: AUGER  
 CHECKED BY:

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
0		A-1-a, SaGr, brn, Sat					
5		A-4, Si, brn, MTW					
10		A-4, SaSi Hard packed, gry, Moist					
15		Hole stopped @ 14.0 ft					
20							
25							
30							
35							
40							
45							

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BORING NUMBER: B-03  
 SHEET 1 of 1  
 DATE STARTED: 4/05/74  
 DATE COMPLETED: 4/05/74

PROJECT NAME: POWNAL  
 SITE NAME: US 7 SLIDE  
 STATION: 61+00.00  
 OFFSET: 182.00  
 VTSPG: N 99550.03 ft E 1442875.12 ft

PROJECT NUMBER: ST 019-1(27)  
 SITE NUMBER: MM 2.5  
 GROUND ELEVATION: 656.3 ft  
 GROUNDWATER DEPTH: 4.5 ft  
 PROJECT PIN NUMBER: 04B002

BORING CREW  
 CREW CHIEF:  
 DRILLER: WILLIS  
 LOGGER:

BORING RIG: TRUCK  
 BORING TYPE: AUGER  
 SAMPLE TYPE: AUGER  
 CHECKED BY:

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
0		A-4, SaSi, brn, Moist					
5		A-4, Si, brn, Moist					
10		A-4, SaSi Hard packed, gry, Moist					
15		A-4, Si with soft loose rock, gry, MTW					
20		Hole stopped @ 18.0 ft					
25							
30							
35							
40							
45							

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BORING NUMBER: B-04  
 SHEET 1 of 1  
 DATE STARTED: 4/05/74  
 DATE COMPLETED: 4/05/74

PROJECT NAME: POWNAL  
 SITE NAME: US 7 SLIDE  
 STATION: 61+00.00  
 OFFSET: -16.00  
 VTSPG: N 99461.86 ft E 1442697.84 ft

PROJECT NUMBER: ST 019-1(27)  
 SITE NUMBER: MM 2.5  
 GROUND ELEVATION: 650.32 ft  
 GROUNDWATER DEPTH:  
 PROJECT PIN NUMBER: 04B002

BORING CREW  
 CREW CHIEF:  
 DRILLER: WILLIS  
 LOGGER:

BORING RIG: TRUCK  
 BORING TYPE: AUGER  
 SAMPLE TYPE: AUGER  
 CHECKED BY:

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
		A-1-a, SaGr, brn, Moist					
10		A-4, SaSi, gry, Wet					
		A-2-4, SiSa, brn, Moist					
20		A-2-4, SiSa, brn, Moist					
		A-2-4, SiGr, gry, MTW					
		A-2-4, SiSa Hard packed, gry, Moist					
30		A-2-4, SiSa, gry, Wet					
40							
50		Hole stopped @ 50.0 ft					

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BORING NUMBER: B-05  
 SHEET 1 of 1  
 DATE STARTED: 4/05/74  
 DATE COMPLETED: 4/05/74

PROJECT NAME: POWNAL  
 SITE NAME: US 7 SLIDE  
 STATION: 61+00.00  
 OFFSET: -144.00  
 VTSPG: N 99404.87 ft E 1442583.23 ft

PROJECT NUMBER: ST 019-1(27)  
 SITE NUMBER: MM 2.5  
 GROUND ELEVATION: 592.93 ft  
 GROUNDWATER DEPTH:  
 PROJECT PIN NUMBER: 04B002

BORING CREW  
 CREW CHIEF:  
 DRILLER: WILLIS  
 LOGGER:

BORING RIG: TRUCK  
 BORING TYPE: AUGER  
 SAMPLE TYPE: AUGER  
 CHECKED BY:

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
5		A-2-4, SiSa, brn, Wet					
		A-4, Si slightly organic, brn, Wet					
		A-6, CISI, brn, Wet					
		A-4, Si, gry-brn, Wet					
10		A-4, Si, gry-brn, Wet					
15		A-4, Si, gry-brn, Wet					
20		Hole stopped @ 18.0 ft					
25							
30							
35							
40							
45							

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BORING NUMBER: B-06  
 SHEET 1 of 1  
 DATE STARTED: 4/05/74  
 DATE COMPLETED: 4/05/74

PROJECT NAME: POWNAL  
 SITE NAME: US 7 SLIDE  
 STATION: 61+00.00  
 OFFSET: -230.00  
 VTSPG: N 99366.57 ft E 1442506.22 ft

PROJECT NUMBER: ST 019-1(27)  
 SITE NUMBER: MM 2.5  
 GROUND ELEVATION: 575.89 ft  
 GROUNDWATER DEPTH:  
 PROJECT PIN NUMBER: 04B002

BORING CREW  
 CREW CHIEF:  
 DRILLER: WILLIS  
 LOGGER:

BORING RIG: TRUCK  
 BORING TYPE: AUGER  
 SAMPLE TYPE: AUGER  
 CHECKED BY:

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
0		A-4, SaSi, brn, Wet					
5		A-6, ClSi, brn, Wet					
10		A-7-5, SiCl, gry-brn, Wet					
15		Hole stopped @ 14.0 ft					
20							
25							
30							
35							
40							
45							

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BORING NUMBER: B-07  
 SHEET 1 of 1  
 DATE STARTED: 4/05/74  
 DATE COMPLETED: 4/05/74

PROJECT NAME: POWNAL  
 SITE NAME: US 7 SLIDE  
 STATION: 61+00.00  
 OFFSET: -291.00  
 VTSPG: N 99339.41 ft E 1442451.61 ft

PROJECT NUMBER: ST 019-1(27)  
 SITE NUMBER: MM 2.5  
 GROUND ELEVATION: 574.4 ft  
 GROUNDWATER DEPTH:  
 PROJECT PIN NUMBER: 04B002

BORING CREW  
 CREW CHIEF:  
 DRILLER: WILLIS  
 LOGGER:

BORING RIG: TRUCK  
 BORING TYPE: AUGER  
 SAMPLE TYPE: AUGER  
 CHECKED BY:

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
0		A-2-4, SiGr, brn, Moist					
5		A-4, Si, brn, MTW					
10							
15							
20		A-4, Si, brn, Sat					
25		A-4, Si, brn, MTW					
30							
31.0		Hole stopped @ 31.0 ft					
35							
40							
45							

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BORING NUMBER: B-08  
 SHEET 1 of 1  
 DATE STARTED: 4/05/74  
 DATE COMPLETED: 4/05/74

PROJECT NAME: POWNAL  
 SITE NAME: US 7 SLIDE  
 STATION: 61+00.00  
 OFFSET: -341.00  
 VTSPG: N 99317.14 ft E 1442406.84 ft

PROJECT NUMBER: ST 019-1(27)  
 SITE NUMBER: MM 2.5  
 GROUND ELEVATION: 572.4 ft  
 GROUNDWATER DEPTH:  
 PROJECT PIN NUMBER: 04B002

BORING CREW  
 CREW CHIEF:  
 DRILLER: WILLIS  
 LOGGER:

BORING RIG: TRUCK  
 BORING TYPE: AUGER  
 SAMPLE TYPE: AUGER  
 CHECKED BY:

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
		A-4, SaSi, brn, Moist					
5		A-1-b, GrSa, brn, Wet					
		A-4, Si, brn, Wet					
10							
15		A-4, Si, brn, Sat					
20		A-4, Si, brn, MTW					
25		A-4, SaSi, gry, MTW					
30							
35							
		Hole stopped @ 37.0 ft					
40							
45							

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BORING NUMBER: B-09  
 SHEET 1 of 1  
 DATE STARTED: 4/05/74  
 DATE COMPLETED: 4/05/74

PROJECT NAME: POWNAL  
 SITE NAME: US 7 SLIDE  
 STATION: 61+00.00  
 OFFSET: -391.00  
 VTSPG: N 99294.88 ft E 1442362.07 ft

PROJECT NUMBER: ST 019-1(27)  
 SITE NUMBER: MM 2.5  
 GROUND ELEVATION: 570.4 ft  
 GROUNDWATER DEPTH:  
 PROJECT PIN NUMBER: 04B002

BORING CREW  
 CREW CHIEF:  
 DRILLER: WILLIS  
 LOGGER:

BORING RIG: TRUCK  
 BORING TYPE: AUGER  
 SAMPLE TYPE: AUGER  
 CHECKED BY:

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
5		A-2-4, SiGr, brn, Moist					
10		A-1-b, SaGr, brn, Sat					
15		A-1-b, SiGr with boulders, brn, MTW					
25		Hole stopped @ 23.0 ft					
30							
35							
40							
45							

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BORING NUMBER: B-10  
 SHEET 1 of 1  
 DATE STARTED: 4/05/74  
 DATE COMPLETED: 4/05/74

PROJECT NAME: POWNAL  
 SITE NAME: US 7 SLIDE  
 STATION: 61+00.00  
 OFFSET: -135.00  
 VTSPG: N 99408.87 ft E 1442591.29 ft

PROJECT NUMBER: ST 019-1(27)  
 SITE NUMBER: MM 2.5  
 GROUND ELEVATION: 594.82 ft  
 GROUNDWATER DEPTH:  
 PROJECT PIN NUMBER: 04B002

BORING CREW  
 CREW CHIEF:  
 DRILLER: WILLIS  
 LOGGER:

BORING RIG: TRUCK  
 BORING TYPE: AUGER  
 SAMPLE TYPE: AUGER  
 CHECKED BY:

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
		A-4, SaSi, brn, Moist					
		A-2-4, SaGr, brn, Wet					
5		A-7-6, SiCl, brn, MTW					
10		A-6, SiCl, brn, Wet					
15		A-6, SiCl, gry-brn, Wet					
20		A-6, SiCl, gry-brn, Wet					
25		A-6, SiCl, gry-brn, Wet					
30		A-6, SiCl, gry-brn, Wet					
35		A-4, Si with boulders, gry, Sat					
40		Hole stopped @ 38.0 ft					
45							

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BORING NUMBER: B-11  
 SHEET 1 of 1  
 DATE STARTED: 4/05/74  
 DATE COMPLETED: 4/05/74

PROJECT NAME: POWNAL  
 SITE NAME: US 7 SLIDE  
 STATION: 61+00.00  
 OFFSET: -145.00  
 VTSPG: N 99404.42 ft E 1442582.33 ft

PROJECT NUMBER: ST 019-1(27)  
 SITE NUMBER: MM 2.5  
 GROUND ELEVATION: 592.82 ft  
 GROUNDWATER DEPTH:  
 PROJECT PIN NUMBER: 04B002

BORING CREW  
 CREW CHIEF:  
 DRILLER: WILLIS  
 LOGGER:

BORING RIG: TRUCK  
 BORING TYPE: AUGER  
 SAMPLE TYPE: AUGER  
 CHECKED BY:

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
		A-4, SaSi, brn, Moist					
5		A-2-4, SiSa, brn, Wet					
10		A-6, SiCl, brn, Wet					
15		A-4, Si, gry, Sat					
20							
25		A-2-4, Si, gry, Wet					
30							
35		A-4, GrSi, brn, Wet					
40							
45		Hole stopped @ 43.0 ft					

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BORING NUMBER: B-12  
 SHEET 1 of 1  
 DATE STARTED: 4/05/74  
 DATE COMPLETED: 4/05/74

PROJECT NAME: POWNAL  
 SITE NAME: US 7 SLIDE  
 STATION: 59+10.00  
 OFFSET: -157.00  
 VTSPG: N 99228.95 ft E 1442656.19 ft

PROJECT NUMBER: ST 019-1(27)  
 SITE NUMBER: MM 2.5  
 GROUND ELEVATION: 624.11 ft  
 GROUNDWATER DEPTH: 3.5 ft  
 PROJECT PIN NUMBER: 04B002

BORING CREW  
 CREW CHIEF:  
 DRILLER: WILLIS  
 LOGGER:

BORING RIG: TRUCK  
 BORING TYPE: AUGER  
 SAMPLE TYPE: AUGER  
 CHECKED BY:

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
0.0		0.0 ft - 4.0 ft, Clean silty sand with a few 6" stones.					
5		4.0 ft - 7.0 ft, Silty gravel with silt.					
7.0		Hole stopped @ 7.0 ft					
10							
15							
20							
25							
30							
35							
40							
45							

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BORING NUMBER: B-101  
 SHEET 1 of 1  
 DATE STARTED: 9/20/01  
 DATE COMPLETED: 9/20/01

PROJECT NAME: POWNAL  
 SITE NAME: US 7 SLIDE  
 STATION: 59+16.97  
 OFFSET: -13.80  
 VTSPG: N 99298.96 ft E 1442781.31 ft

PROJECT NUMBER: ST 019-1(27)  
 SITE NUMBER: MM 2.5  
 GROUND ELEVATION: 649.53 ft  
 GROUNDWATER DEPTH: 12.4 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 (%)	LL (%)	PI (%)
		Asphalt, 0.0 ft - 1.0 ft							
5		A-4, GrSaSi, gry, Moist, Rec. = 1.1 ft	44	10.7	30.6	32.6	36.8		
10		A-2-4, SiSaGr, gry, Moist, Rec. = 1.33 ft	37	11.3	38.1	31.0	30.9		
15		A-2-4, GrSiSa, brn, Moist, Rec. = 0.9 ft	49	11.8	30.2	38.8	31.0		
20		A-1-a, SaGr, gry, Moist, Rec. = 0.8 ft	33	8.5	63.5	22.7	13.8		
25		BXGDC, Cleaned out casing., 24.36 ft - 25.25 ft							
		A-1-b, SaGr, gry, Moist, Rec. = 0.5 ft	27	11.1	50.9	32.2	16.9		
		BXGDC, Cleaned out casing., 27.25 ft - 28.0 ft							
30		A-1-a, Gr, gry, Moist, Rec. = 0.25 ft	27	8.3	71.4	17.8	10.8		
35		A-4, ClSi, brn, Moist, Rec. = 0.8 ft	13	36.3	1.5	1.2	97.3	37	8
40		No sample, Boulders, 40.0 ft - 43.0 ft	R						
45		No sample, Stone in end of sampler., 45.0 ft - 45.5 ft Hole stopped @ 45.5 ft	R						

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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					

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Top of Bedrock @ 40.3 ft  
16.2 29.6 57.3



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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



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 8/25/08



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

BORING NUMBER: B-105 MW1  
 SHEET 1 of 1  
 DATE STARTED: 7/23/02  
 DATE COMPLETED: 7/23/02

PROJECT NAME: POWNAL  
 SITE NAME: US 7 SLIDE  
 STATION: 59+51.96  
 OFFSET: -22.20  
 VTSPG: N 99326.55 ft E 1442758.21 ft

PROJECT NUMBER: ST 019-1(27)  
 SITE NUMBER: MM 2.5  
 GROUND ELEVATION: 648.73 ft  
 GROUNDWATER DEPTH: 16.0 ft 7/23/02  
 PROJECT PIN NUMBER: 04B002

BORING CREW  
 CREW CHIEF: YOUNG  
 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 (%)
5		NXDC, Cleaned out casing, 4.4 ft - 5.0 ft A-1-b, SaGr, brn-gry, Moist, Rec. = 0.1 ft	35	8.7	55.3	26.7	18.0
10		NXDC, Cleaned out casing, 9.4 ft - 10.0 ft A-1-b, SiSaGr, brn, Moist, Rec. = 1.45 ft	20	10.9	38.5	36.2	25.3
15		A-1-b, SaGr, brn-gry, Moist, Rec. = 1.6 ft	64	7.2	53.0	28.3	18.7
20		No sample, Stone in end of sampler, 20.0 ft - 20.5 ft Hole stopped @ 20.5 ft	R				
25		DRILLER'S NOTES: 1. A Monitoring Well was installed.					
30							
35							
40							
45							

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



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

BORING NUMBER: B-106 INC1  
SHEET 1 of 1  
DATE STARTED: 7/24/02  
DATE COMPLETED: 7/24/02

PROJECT NAME: POWNAL  
SITE NAME: US 7 SLIDE  
STATION: 60+16.33  
OFFSET: -22.29  
VTSPG: N 99384.14 ft E 1442729.46 ft

PROJECT NUMBER: ST 019-1(27)  
SITE NUMBER: MM 2.5  
GROUND ELEVATION: 647.79 ft  
GROUNDWATER DEPTH:  
PROJECT PIN NUMBER: 04B002

BORING CREW  
CREW CHIEF: YOUNG  
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 (%)
		A-1-a, SaGr, brn, Moist, Rec. = 0.5 ft	4	5.6	61.2	28.3	10.5
		No sample, 2.0 ft - 4.0 ft	8				
5		A-1-b, SaGr, brn, Moist, Rec. = 0.75 ft	14	8.4	60.2	23.1	16.7
		A-1-a, SaGr, brn, Moist, Rec. = 0.5 ft	20	8.5	67.3	23.5	9.2
		NXDC, Boulder, 8.2 ft - 9.0 ft	R				
10		Void, 9.0 ft - 9.9 ft					
		A-2-4, GrSa, brn-white, Moist, Rec. = 1.0 ft	11	14.0	34.7	46.6	18.7
		A-1-b, SiSaGr, brn, Moist, Rec. = 0.8 ft	4	12.5	46.3	28.3	25.4
15		Not enough rec., Appears to be GrSa, brn, Moist, 14.0 ft - 16.0 ft	6				
		No sample, 16.0 ft - 18.0 ft	5				
		No sample, 18.0 ft - 20.0 ft	4				
20		A-1-a, SaGr, brn, Moist, Rec. = 0.5 ft	12	9.1	64.0	21.6	14.4
		A-1-a, SaGr, brn, Moist, Rec. = 0.75 ft	13	10.3	62.1	24.5	13.4
25		A-1-a, Gr, brn, Moist, Rec. = 0.85 ft	33	8.9	67.6	19.7	12.7
		A-1-a, SaGr, brn-gry, Moist, Rec. = 1.0 ft	18	8.7	61.8	25.0	13.2
		A-1-b, SiSaGr, gry, Moist, Rec. = 1.3 ft	16	11.4	45.8	30.7	23.5
30		A-1-a, Gr, gry, Moist, Rec. = 0.2 ft	18	5.4	77.2	16.7	6.1
		A-1-a, SaGr, gry, Moist, Rec. = 0.3 ft	26	7.7	65.6	21.2	13.2
35		No sample, 34.0 ft - 36.0 ft	12				
		A-1-a, SaGr, gry, Moist, Rec. = 1.0 ft	19	15.5	62.1	22.9	15.0
		A-1-a, SaGr with Wood, gry, Moist, Rec. = 0.6 ft	R	13.6	64.9	25.6	9.5
40		NXDC, Cleaned out casing & Cored ahead., 38.9 ft - 42.0 ft					
		Hole stopped @ 42.0 ft					
45		DRILLER'S NOTES: 1. A Inclnometer was installed.					

LOG OF BORING POWNAL SLIDE.GPJ VT\_A01.GDT 8/25/06



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

BORING NUMBER: B-107 MW2  
 SHEET 1 of 1  
 DATE STARTED: 7/30/02  
 DATE COMPLETED: 7/30/02

PROJECT NAME: POWNAL  
 SITE NAME: US 7 SLIDE  
 STATION: 61+65.66  
 OFFSET: -22.50  
 VTSPG: N 99517.76 ft E 1442662.78 ft

PROJECT NUMBER: ST 019-1(27)  
 SITE NUMBER: MM 2.5  
 GROUND ELEVATION: 650.09 ft  
 GROUNDWATER DEPTH:  
 PROJECT PIN NUMBER: 04B002

BORING CREW  
 CREW CHIEF: YOUNG  
 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 (%)
5		NXDC, Boulder, 4.4 ft - 5.4 ft					
10		NXDC, Cleaned out casing, 9.4 ft - 10.0 ft A-2-4, SiSaGr, brn, Moist, Rec. = 0.6 ft	4	12.3	36.7	33.2	30.1
15		NXDC, Cleaned out casing, 14.25 ft - 15.0 ft No sample, 15.0 ft - 17.0 ft	24				
20		A-1-b, SiSaGr, brn-gry, Moist, Rec. = 1.3 ft	38	9.3	45.6	32.8	21.6
25		A-1-b, SaGr, brn, Moist, Rec. = 0.65 ft	49	8.9	53.4	28.7	17.9
30		Hole stopped @ 27.0 ft  DRILLER'S NOTES: 1. A Monitoring Well was installed.					
35							
40							
45							

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



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

BORING NUMBER: B-108 MW3  
 SHEET 1 of 1  
 DATE STARTED: 7/30/02  
 DATE COMPLETED: 7/30/02

PROJECT NAME: POWNAL  
 SITE NAME: US 7 SLIDE  
 STATION: 60+23.19  
 OFFSET: -65.95  
 VTSPG: N 99370.85 ft E 1442687.32 ft

PROJECT NUMBER: ST 019-1(27)  
 SITE NUMBER: MM 2.5  
 GROUND ELEVATION: 629.7 ft  
 GROUNDWATER DEPTH:  
 PROJECT PIN NUMBER: 04B002

BORING CREW  
 CREW CHIEF: YOUNG  
 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 (%)
5		NXDC, Cleaned out casing., 4.0 ft - 5.0 ft					
		A-1-b, SaGr with broken rock, gry, Dry, Rec. = 1.5 ft	59	4.3	63.4	25.6	11.0
10		NXDC, Cleaned out casing., 8.75 ft - 10.0 ft					
		A-1-b, SaGr, gry, Moist, Rec. = 0.35 ft	38	9.8	54.4	27.9	17.7
		Void, 12.0 ft - 13.5 ft					
15		NXDC, Cleaned out casing., 15.0 ft - 17.0 ft					
		A-1-b, GrSa, brn-gry, Moist, Rec. = 1.0 ft	8	14.1	36.0	53.4	10.6
		Hole stopped @ 17.0 ft					
20		DRILLER'S NOTES: 1. A Monitoring Well was installed.					
25							
30							
35							
40							
45							

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



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

BORING NUMBER: B-201 MW4  
 SHEET 1 of 1  
 DATE STARTED: 4/15/03  
 DATE COMPLETED: 4/16/03

PROJECT NAME: POWNAL  
 SITE NAME: US 7 SLIDE  
 STATION: 59+49.92  
 OFFSET: -84.04  
 VTSPG: N 99297.19 ft E 1442703.74 ft

PROJECT NUMBER: ST 019-1(27)  
 SITE NUMBER: MM 2.5  
 GROUND ELEVATION: 624.19 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		A-2-4, SiGrSa, brn, Moist, Rec. = 1.45 ft	5	17.0	30.3	42.9	26.8		
		A-2-4, SiGrSa, brn, Moist, Rec. = 1.15 ft	8	13.9	29.6	42.7	27.7		
		A-2-4, SaSiSa, brn, Moist, Rec. = 0.9 ft	5	17.1	34.3	32.0	33.7		
		Not enough rec., Appears to be ClGrSi, brn, Moist, 6.0 ft - 8.0 ft	6						
10		A-7-6, Cl, gry, Moist, Rec. = 1.7 ft	10	38.3	0.3	2.0	97.7	49	22
		Visual Class: A-7-6, Cl, gry, Moist, Rec. = 1.9 ft, 10.0 ft - 12.0 ft	4	42.9					
		Visual Class: A-7-6, Cl, gry, Moist, Rec. = 1.9 ft, 12.0 ft - 14.0 ft	3	42.3				41	13
15		A-7-6, SiCl, gry, Moist, Rec. = 2.0 ft	2	43.6	0.0	1.2	98.8		
		Visual Class: A-7-6, SiCl, gry, Moist, Rec. = 2.0 ft, 16.0 ft - 18.0 ft	2	44.9					
		Visual Class: A-7-6, SiCl, gry, Moist, Rec. = 2.0 ft, 18.0 ft - 20.0 ft	WH	43.1					
20		A-4, Si, gry, Moist, Rec. = 2.0 ft	4	38.3	0.1	1.4	98.5		
		Visual Class: A-4, Si, gry, Moist, Rec. = 2.0 ft, 22.0 ft - 24.0 ft	3	35.6					
		Visual Class: A-4, Si, gry, Moist, Rec. = 1.8 ft, 24.0 ft - 26.0 ft	4	33.1					
30		A-4, Si, gry, Moist, Rec. = 0.6 ft, Top of bedrock @ 26.6'	R	33.7	0.0	3.2	96.8		
		Black, phyllite, with calcite veins, moderately soft, unweathered, BXGDC, 26.6 ft - 31.26 ft, Rec. = 2.1 ft	1	45	0	25			
		Black, phyllite, with calcite veins, moderately soft, unweathered, BXGDC, 31.26 ft - 34.26 ft, Rec. = 2.75 ft	2	92	0	25			
35		Hole stopped @ 34.26 ft							
40		DRILLER'S NOTES: 1. A Monitoring Well was installed.							
45									

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



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

BORING NUMBER: B-202 MW6  
SHEET 1 of 1  
DATE STARTED: 4/17/03  
DATE COMPLETED: 4/17/03

PROJECT NAME: POWNAL  
SITE NAME: US 7 SLIDE  
STATION: 60+19.71  
OFFSET: -104.69  
VTSPG: N 99350.48 ft E 1442654.18 ft

PROJECT NUMBER: ST 019-1(27)  
SITE NUMBER: MM 2.5  
GROUND ELEVATION: 612.35 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	[Symbol]	A-4, SaSi, brn, Moist, Rec. = 1.3 ft	5	22.7	16.2	35.0	48.8	43	15
		A-4, Si, brn, Moist, Rec. = 1.8 ft	12	30.9	0.5	5.9	93.6		
10	[Symbol]	A-7-6, SiCl, brn, Moist, Rec. = 1.55 ft	5	38.6	0.3	2.9	96.8	41	15
		Visual Class: A-7-6, SiCl, brn, Moist, Rec. = 1.95 ft, 6.0 ft - 8.0 ft	5	38.5					
		Visual Class: A-7-6, SiCl, gry, Moist, Rec. = 1.8 ft, 8.0 ft - 10.0 ft	3	41.4					
		A-7-6, SiCl, gry, Moist, Rec. = 1.9 ft	2	41.7	0.1	0.9	99.0		
15	[Symbol]	Visual Class: A-7-6, SiCl, gry, Moist, Rec. = 1.9 ft, 12.0 ft - 14.0 ft	2	42.5				37	11
		Visual Class: A-6, SiCl, gry, Moist, Rec. = 2.0 ft, 14.0 ft - 16.0 ft	2	42.6					
		A-6, SiCl, gry, Moist, Rec. = 2.0 ft	2	43.3	0.1	0.7	99.2		
20	[Symbol]	Visual Class: A-6, SiCl, gry, Moist, Rec. = 2.0 ft, 18.0 ft - 20.0 ft	3	44.6				35	12
		A-6, SiCl, brn-gry, Moist, Rec. = 1.55 ft	2	39.5	0.0	0.5	99.5		
25	[Symbol]	A-4, Si, brn-gry, Wet, Rec. = 1.65 ft	3	39.2	0.0	0.7	99.3		
		A-4, Si, brn-gry, Wet, Rec. = 1.3 ft	11	38.1	0.2	2.8	97.0		
30	[Symbol]	A-1-b, SiSaGr with broken rock, gry, Moist, Rec. = 0.7 ft	R	13.5	43.8	31.5	24.7		
		Broken rock, gry, Moist, 26.0 ft - 26.4 ft, Top of bedrock @ 26.4'	1	11.2	0	25			
		Black, phyllite, with calcite veins, moderately soft, unweathered, BXGDC, 26.4 ft - 27.65 ft, Rec. = 0.6 ft	2	48	0	25			
35	[Symbol]	Black, phyllite, with calcite veins, moderately soft, unweathered, BXGDC, 27.65 ft - 30.4 ft, Rec. = 1.8 ft							
		Hole stopped @ 30.4 ft							
40		DRILLER'S NOTES: 1. A Monitoring Well was installed.							
45									

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



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

BORING NUMBER: B-203 INC2  
 SHEET 1 of 1  
 DATE STARTED: 4/18/03  
 DATE COMPLETED: 4/23/03

PROJECT NAME: POWNAL  
 SITE NAME: US 7 SLIDE  
 STATION: 60+19.11  
 OFFSET: -110.23  
 VTSPG: N 99347.48 ft E 1442649.48 ft

PROJECT NUMBER: ST 019-1(27)  
 SITE NUMBER: MM 2.5  
 GROUND ELEVATION: 611.83 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 & TUBE  
 CHECKED BY:

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)	LL (%)	PI (%)
		A-6, SICI, brn, Moist, Rec. = 1.8 ft	4	18.9	20.2	32.3	47.5	36	13
		A-7-6, Cl, brn, Moist, Damaged Shelby Tube sample.		19.9	53.8	6.5	39.7	47	20
5		BXDC, Boulder, 2.6 ft - 3.6 ft							
		Stones, 3.6 ft - 5.6 ft							
		A-7-6, Cl, brn, Moist, Rec. = 1.3' , Shelby tube sample.		45.6	0.0	2.6	97.4	51	22
10		6" Vane, 9.5 ft - 10.0 ft							
		Shelby Tube, 10.0 ft - 12.0 ft, Rec. = 1.2'							
15		4" Vane, 13.4 ft - 13.75 ft							
		Shelby Tube, 14.0 ft - 16.0 ft, Rec. = 2.0'							
20		6" Vane, 17.0 ft - 17.5 ft		44.0	0.0	0.7	99.3	40	13
		A-6, SICI, gray, Moist, Rec. = 1.9' ,Shelby tube sample.							
		6" Vane, 21.0 ft - 21.5 ft							
		Shelby Tube, 22.0 ft - 23.8 ft, Rec. = 1.3'							
25		6" Vane, 24.5 ft - 25.0 ft							
		Advanced casing, 25.0 ft - 26.75 ft							
		Hole stopped @ 26.75 ft							
30		DRILLER'S NOTES: 1. A inclinometer was installed.							
35									
40									
45									

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



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					
		A-7-6, SiCl, gry, Moist, Rec. = 1.85 ft	2	44.7	0.1	0.9	99.0		
15	[Diagonal Hatching]	Visual Class: A-7-6, SiCl, gry, Moist, Rec. = 2.0 ft, 12.0 ft - 14.0 ft	3	40.9				40	27
		Visual Class: A-6, SiCl, gry, Moist, Rec. = 2.0 ft, 14.0 ft - 16.0 ft	2	42.6					
		A-6, SiCl, gry, Moist, Rec. = 2.0 ft	2	44.1	0.1	1.1	98.8		
20	[Diagonal Hatching]	Visual Class: A-6, SiCl, gry, Moist, Rec. = 2.0 ft, 18.0 ft - 20.0 ft	WH	43.3				40	24
		Visual Class: A-6, SiCl, gry, Moist, Rec. = 2.0 ft, 20.0 ft - 22.0 ft	1	42.1					
		A-6, SiCl, gry, Moist, Rec. = 2.0 ft	WH	43.5	0.2	1.1	98.7		
25	[Diagonal Hatching]	Visual Class: A-6, SiCl, brn-gry, Moist, Rec. = 2.0 ft, 24.0 ft - 26.0 ft	WH	40.4				40	24
		A-4, Si, brn, Moist, Rec. = 1.8 ft	1	37.4	0.1	1.0	98.9		
		A-4, Si, brn, Moist, Rec. = 1.65 ft	3	35.5	0.2	2.4	97.4		
30	[Diagonal Hatching]	A-4, Si, brn, Moist, Rec. = 1.9 ft	3	33.3	0.1	1.5	98.4	40	24
		A-4, Si, brn-gry, Moist, Rec. = 1.2 ft	7	35.7	0.5	4.9	94.6		
		A-2-4, SiSa, brn-gry, Moist, Rec. = 0.7 ft	9	24.7	6.3	60.5	33.2		
35	[Diagonal Hatching]	A-2-4, SiSa, brn-gry, Moist, Rec. = 2.0 ft	9	23.8	0.8	64.0	35.2	40	24
		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		
		Black, phyllite, with calcite veins, moderately soft, unweathered, BXGDC, 37.0 ft - 42.0 ft, Rec. = 3.8 ft	1	76	0	25			
40		Hole stopped @ 42.0 ft							
45		DRILLER'S NOTES: 1. A Monitoring Well was installed.							

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



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

BORING NUMBER: B-205 MW7  
 SHEET 1 of 1  
 DATE STARTED: 4/25/03  
 DATE COMPLETED: 4/25/03

PROJECT NAME: POWNAL  
 SITE NAME: US 7 SLIDE  
 STATION: 61+64.98  
 OFFSET: -146.04  
 VTSPG: N 99462.14 ft E 1442552.46 ft

PROJECT NUMBER: ST 019-1(27)  
 SITE NUMBER: MM 2.5  
 GROUND ELEVATION: 592.05 ft  
 GROUNDWATER DEPTH: 2.6 ft 4/25/03  
 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)		
0		A-2-4, GrSaSa, brn-gry, Moist, Rec. = 0.6 ft	2	40.7	23.9	43.1	33.0		
0.6		A-2-4, SaSiGr, gry, Moist, Rec. = 1.15 ft	6	18.3	41.8	28.3	29.9		
1.75		A-2-4, SiSaGr, gry, Moist, Rec. = 0.8 ft	6	16.7	40.1	31.4	28.5		
2.55		Visual Class: A-2-4, SiGr, gry, Moist, Rec. = 0.3 ft, 6.0 ft - 8.0 ft, Insufficient sample	12	11.4					
3.15		No sample, Stone in end of sampler, 8.0 ft - 10.0 ft	4						
3.55		A-4, GrSi, brn-gry, Moist, Rec. = 1.2 ft	7	24.7	22.7	18.4	58.9		
4.75		A-7-6, SiCl, brn, Moist, Rec. = 0.3 ft	2	35.7	6.7	6.5	86.8	45	19
5.05		A-6, SiCl, brn, Moist, Rec. = 0.75 ft, Top of bedrock @ 15.0'	R	30.1	12.5	9.0	78.5	33	13
5.8		Black, phyllite, with calcite veins, moderately soft, unweathered, BXGDC, 15.0 ft - 20.0 ft, Rec. = 4.25 ft	1	85	50	25			
20		Hole stopped @ 20.0 ft							
25		DRILLER'S NOTES: 1. A Monitoring Well was installed.							
30									
35									
40									
45									

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



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

BORING NUMBER: B-206 MW8  
SHEET 1 of 1  
DATE STARTED: 4/29/03  
DATE COMPLETED: 4/29/03

PROJECT NAME: POWNAL  
SITE NAME: US 7 SLIDE  
STATION: 61+64.98  
OFFSET: -175.04  
VTSPG: N 99449.23 ft E 1442526.50 ft

PROJECT NUMBER: ST 019-1(27)  
SITE NUMBER: MM 2.5  
GROUND ELEVATION: 588.82 ft  
GROUNDWATER DEPTH: 20.2 ft 4/29/03  
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		A-4, GrSiSa, brn, Moist, Rec. = 1.7 ft	7	23.6	23.5	40.8	35.7	36	7
		A-4, GrSiSa, brn, Moist, Rec. = 0.65 ft	7	24.9	23.2	39.9	36.9		
		A-2-4, SiSaGr, brn, Moist, Rec. = 0.45 ft	11	23.5	35.9	35.8	28.3		
		A-1-b, SiGrSa, brn-gry, Moist, Rec. = 1.8 ft	12	15.8	29.0	49.5	21.5		
		A-2-4, GrSiSa, brn, Moist, Rec. = 1.8 ft	12	19.3	29.6	37.6	32.8		
10		A-4, ClSi, brn, Moist, Rec. = 0.3 ft	6	35.6	13.6	14.7	71.7		
		A-4, Si, brn, Moist, Rec. = 1.2 ft	5	20.3	2.3	2.8	94.9		
15		A-4, GrSi, brn-gry, Moist, Rec. = 0.3 ft	13	23.8	35.0	7.2	57.8		
		A-1-b, SaGr, gry, Moist, Rec. = 0.95 ft		21.6	49.2	35.7	15.1		
		A-1-a, SaGr, gry, Moist, Rec. = 0.25 ft	15	18.6	64.6	20.6	14.8		
		A-1-b, SaGr, brn-gry, Moist, Rec. = 1.25 ft	15	20.8	48.9	33.8	17.3		
20		A-1-b, SaCl with broken weathered rock, brn-gry, Moist, Rec. = 1.15 ft	38	14.9	53.9	29.7	16.4		
		A-1-b, SiSaGr with broken weathered rock, brn-gry, Moist, Rec. = 0.8 ft, Top of bedrock @ 23.1'	R	15.8	41.7	38.2	20.1		
25		Black, phyllite, with calcite veins, moderately soft, unweathered, BXGDC, 23.1 ft - 28.1 ft, Rec. = 4.25 ft							
30		Hole stopped @ 28.1 ft							
35		DRILLER'S NOTES: 1. A Monitoring Well was installed.							
40									
45									

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



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

BORING NUMBER: B-207 INC3  
 SHEET 1 of 1  
 DATE STARTED: 4/29/03  
 DATE COMPLETED: 4/30/03

PROJECT NAME: POWNAL  
 SITE NAME: US 7 SLIDE  
 STATION: 60+20.00  
 OFFSET: -160.00  
 VTSPG: N 99326.11 ft E 1442604.52 ft

PROJECT NUMBER: ST 019-1(27)  
 SITE NUMBER: MM 2.5  
 GROUND ELEVATION: 606.03 ft  
 GROUNDWATER DEPTH: 2.5 ft 4/30/03  
 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 & TUBE  
 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)		
		A-2-4, GrSiSa, brn, Moist, Rec. = 1.0 ft	2	25.1	24.6	45.2	30.2		
5		A-1-b, SiSaGr, brn, Moist, Rec. = 0.5 ft A-7-6, SaCl, brn, Moist, Rec. = 0.7 ft Shelby Tube, brn, Moist, 4.0 ft - 6.0 ft, Rec. = 1.55'	5	23.5 45.5	53.2 1.6	25.6 7.8	21.2 90.6	48	19
10		4" Vane, 7.33 ft - 7.66 ft A-4, ClSi, gry, Moist, Rec. = 1.90' ,Shelby tube sample.		39.6	0.0	0.9	99.1	37	7
15		4" Vane, 11.33 ft - 11.66 ft Shelby Tube, gry, Moist, 12.0 ft - 14.0 ft, Rec. = 2.00'							
20		4" Vane, 15.33 ft - 15.66 ft Shelby Tube, gry, Moist, 16.0 ft - 18.0 ft, Rec. = 2.00'							
25		4" Vane, 19.33 ft - 19.66 ft A-4, Si, gry, Moist, Rec. = 2.00' ,Shelby tube sample.		36.8	0.0	0.4	99.6		
30		4" Vane, 23.33 ft - 23.66 ft Shelby Tube, gry, Moist, 24.0 ft - 26.0 ft, Rec. = 1.90'							
30		4" Vane, 27.33 ft - 27.66 ft Shelby Tube, brn, Moist, 28.0 ft - 30.0 ft, Rec. = 1.50'							
35		A-4, Sa, brn, Wet, Rec. = 0.6 ft, Top of bedrock @ 30.8 Black, phyllite, with calcite veins, moderately soft, unweathered, BXMDC, 30.8 ft - 35.3 ft, Rec. = 4.35 ft	R 1	97	8.3 60	14.1 25	77.6		
35		Hole stopped @ 35.3 ft							
40		DRILLER'S NOTES: 1. A inclinometer was installed.							
45									

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



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

BORING NUMBER: B-208 INC4  
 SHEET 1 of 1  
 DATE STARTED: 5/05/03  
 DATE COMPLETED: 5/05/03

PROJECT NAME: POWNAL  
 SITE NAME: US 7 SLIDE  
 STATION: 60+19.47  
 OFFSET: -130.23  
 VTSPG: N 99338.89 ft E 1442631.42 ft

PROJECT NUMBER: ST 019-1(27)  
 SITE NUMBER: MM 2.5  
 GROUND ELEVATION: 609.34 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 (%)
0.0		0.0 ft - 28.7 ft, Hole was drilled for an inclinometer only. Encountered bedrock at 26.2' (NXDC 26.2'-28.7'). Installed inclinometer 2.45' into bedrock.					
5							
10							
15							
20							
25							
26.2							
28.7							
30		Hole stopped @ 28.7 ft					
35		DRILLER'S NOTES: 1. A inclinometer was installed.					
40							
45							

Top of Bedrock @ 26.2 ft

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



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

BORING NUMBER: B-209  
 SHEET 1 of 1  
 DATE STARTED: 5/06/03  
 DATE COMPLETED: 5/06/03

PROJECT NAME: POWNAL  
 SITE NAME: US 7 SLIDE  
 STATION: 58+40.37  
 OFFSET: -37.74  
 VTSPG: N 99219.72 ft E 1442793.98 ft

PROJECT NUMBER: ST 019-1(27)  
 SITE NUMBER: MM 2.5  
 GROUND ELEVATION: 647.42 ft  
 GROUNDWATER DEPTH:  
 PROJECT PIN NUMBER: 04B002

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

BORING RIG: LAG TRACK RIG  
 BORING TYPE: HOLLOW STEM AUGER  
 SAMPLE TYPE: SPLIT BARREL  
 CHECKED BY:

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)	LL (%)	PI (%)
5		A-1-a, SaGr, gry, Moist, Rec. = 1.2 ft	16	4.7	66.9	20.6	12.5		
10		A-1-b, SaGr, brn, Moist, Rec. = 0.25 ft	8	10.4	44.0	39.2	16.8		
15		A-7-6, Cl, brn, Moist, Rec. = 1.05 ft	14	29.3	2.5	7.6	89.9	53	24
		A-2-4, SiGrSa, brn, Moist, Rec. = 0.55 ft		13.6	31.9	40.9	27.2		
Hole stopped @ 17.0 ft									

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



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

BORING NUMBER: B-210  
 SHEET 1 of 1  
 DATE STARTED: 5/06/03  
 DATE COMPLETED: 5/06/03

PROJECT NAME: POWNAL  
 SITE NAME: US 7 SLIDE  
 STATION: 57+62.13  
 OFFSET: -35.27  
 VTSPG: N 99150.78 ft E 1442831.15 ft

PROJECT NUMBER: ST 019-1(27)  
 SITE NUMBER: MM 2.5  
 GROUND ELEVATION: 648.36 ft  
 GROUNDWATER DEPTH:  
 PROJECT PIN NUMBER: 04B002

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

BORING RIG: LAG TRACK RIG  
 BORING TYPE: HOLLOW STEM AUGER  
 SAMPLE TYPE: SPLIT BARREL  
 CHECKED BY:

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)	LL (%)	PI (%)
5		A-1-b, SaGr, brn, Moist, Rec. = 1.05 ft	7	12.7	46.5	36.7	16.8		
10		A-1-a, SaGr, brn, Moist, Rec. = 1.1 ft	4	9.9	50.2	33.7	16.1		
15		A-6, SiCl, brn, Moist, Rec. = 1.65 ft	12	34.3	0.3	1.5	98.2	43	15
Hole stopped @ 17.0 ft									

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



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

BORING NUMBER: B-211  
 SHEET 1 of 1  
 DATE STARTED: 5/06/03  
 DATE COMPLETED: 5/06/03

PROJECT NAME: POWNAL  
 SITE NAME: US 7 SLIDE  
 STATION: 58+26.84  
 OFFSET: 53.42  
 VTSPG: N 99248.19 ft E 1442881.63 ft

PROJECT NUMBER: ST 019-1(27)  
 SITE NUMBER: MM 2.5  
 GROUND ELEVATION: 649.36 ft  
 GROUNDWATER DEPTH:  
 PROJECT PIN NUMBER: 04B002

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

BORING RIG: LAG TRACK RIG  
 BORING TYPE: HOLLOW STEM AUGER  
 SAMPLE TYPE: SPLIT BARREL  
 CHECKED BY:

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
5		A-4, GrSaSi, brn, Moist, Rec. = 1.35 ft	8	14.9	29.2	30.9	39.9
10		A-4, SaGrSi, gry, Moist, Rec. = 1.6 ft	15	13.8	30.6	22.1	47.3
15		A-1-b, SiSaGr with weathered rock, gry, Dry, Rec. = 1.55 ft	R	5.2	54.4	24.1	21.5
Hole stopped @ 17.0 ft							
20							
25							
30							
35							
40							
45							

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



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

BORING NUMBER: B-212  
 SHEET 1 of 1  
 DATE STARTED: 5/06/03  
 DATE COMPLETED: 5/06/03

PROJECT NAME: POWNAL  
 SITE NAME: US 7 SLIDE  
 STATION: 57+50.95  
 OFFSET: 46.08  
 VTSPG: N 99177.05 ft E 1442908.95 ft

PROJECT NUMBER: ST 019-1(27)  
 SITE NUMBER: MM 2.5  
 GROUND ELEVATION: 647.74 ft  
 GROUNDWATER DEPTH:  
 PROJECT PIN NUMBER: 04B002

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

BORING RIG: LAG TRACK RIG  
 BORING TYPE: HOLLOW STEM AUGER  
 SAMPLE TYPE: SPLIT BARREL  
 CHECKED BY:

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
5		A-1-b, SaGr, brn, Moist, Rec. = 0.3 ft	4	12.0	47.6	40.4	12.0
10		A-1-b, SaGr, brn-gry, Moist, Rec. = 0.4 ft	43	13.0	46.7	44.4	8.9
		A-4, GrSaSi with weathered rock, brn-gry, Moist, Rec. = 1.4 ft		11.7	22.9	23.0	54.1
15		A-1-b, SiSaGr with weathered rock, gry, Moist, Rec. = 1.0 ft	R	7.7	52.2	27.7	20.1
Hole stopped @ 16.0 ft							
20							
25							
30							
35							
40							
45							

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



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

BORING NUMBER: B-213 SEEPING HOLE  
 SHEET 1 of 1  
 DATE STARTED:  
 DATE COMPLETED:

PROJECT NAME: POWNAL  
 SITE NAME: US 7 SLIDE  
 STATION: 59+13.89  
 OFFSET: -124.12  
 VTSPG: N 99247.07 ft E 1442683.90 ft

PROJECT NUMBER: ST 019-1(27)  
 SITE NUMBER: MM 2.5  
 GROUND ELEVATION: 624.0 ft  
 GROUNDWATER DEPTH: 0.0 ft  
 PROJECT PIN NUMBER: 04B002

BORING CREW  
 CREW CHIEF:  
 DRILLER:  
 LOGGER:

BORING RIG:  
 BORING TYPE:  
 SAMPLE TYPE:  
 CHECKED BY:

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
0	▽	0.0 ft - 0.0 ft, Seeping hole with water continuously flowing. Hole stopped @ 0.0 ft					
5							
10							
15							
20							
25							
30							
35							
40							
45							

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