



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

BORING NUMBER: B-201
SHEET 1 of 2
DATE STARTED: 11/30/06
DATE COMPLETED: 12/13/06

PROJECT NAME: NEWPORT
SITE NAME: SLIDE
STATION: 115+62.70
OFFSET: -35.40
VTSPG NAD83: N 888189.22 ft E 1721048.66 ft

PROJECT NUMBER: STP 1343(22)
SITE NUMBER: VT 191
GROUND ELEVATION: 822.97 ft
GROUNDWATER DEPTH: 11.4 ft 12/14/06
PROJECT PIN NUMBER: 07B156

BORING CREW
CREW CHIEF: HOLT
DRILLER: GARROW
LOGGER: WERNER

BORING RIG: LARGE SKID RIG w/AUTO HAMMER
BORING TYPE: WASH BORE
SAMPLE TYPE: SPLIT BARREL
CHECKED BY: CAA

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	WELL DIAGRAM	N VALUE	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)	LL (%)	PI (%)
Top of Well Elevation: 824.47 ft										
		A-4, SaSi, brn, Moist, Rec. = 1.1 ft		7	14.4	11.6	37.2	51.2		
		A-4, SaSi, gry, Moist, Rec. = 1.3 ft		22	13.1	10.3	37.0	52.7		
5		A-4, SaSi, gry, Wet, Rec. = 0.7 ft		3	16.9	12.7	33.8	53.5		
		Field Note: No Recovery, Wood in sampler.		5						
		A-4, SaSi, gry, Wet, Rec. = 0.7 ft		6	14.3	16.2	28.2	55.6		
10		A-4, SaSi, brn, Wet, Rec. = 0.5 ft			14.6	2.1	38.8	59.1		
		A-4, SaSi, gry-brn, Wet, Rec. = 1.3 ft		32	15.4	1.8	31.1	67.1		
		A-4, SaSi, brn, Moist, Rec. = 1.75 ft		34	14.1	8.2	27.1	64.7		
15		A-4, SaSi, brn, Moist, Rec. = 1.5 ft		31	15.1	5.5	33.5	61.0		
		A-4, SaSi, gry, Moist, Rec. = 1.8 ft		31	18.2	4.1	23.4	72.5		
		A-4, Si, brn, Moist, Rec. = 0.4 ft		10	23.7	0.2	5.7	94.1		
		A-4, SaSi, gry, Moist, Rec. = 1.2 ft			18.2	5.3	34.5	60.2		
20		A-4, SaSi, gry, Moist, Rec. = 1.0 ft		15	18.1	13.1	28.4	58.5		
		A-4, SaSi, gry, Moist, Rec. = 1.0 ft		7	18.3	15.0	38.4	46.6		
25		Field Note: No Recovery		19						
		Field Note: No Recovery		15						
		A-4, SaSi, brn, Moist, Rec. = 1.5 ft		7	16.2	7.0	29.7	63.3		
30		A-4, SaSi, brn, Moist, Rec. = 0.8 ft		12	15.2	8.5	24.4	67.1		
		A-4, SaSi, gry, Moist, Rec. = 0.7 ft			12.1	14.0	22.0	64.0		
		A-4, SaSi (HP), gry, Moist, Rec. = 1.0 ft		26	10.3	17.6	21.8	60.6		
35		A-4, SaSi (HP), gry, Moist, Rec. = 0.7 ft		16	10.5	14.6	25.3	60.1		
		Field Note: No Recovery, Stone in end of sampler.		23						
		A-4, GrSaSi, gry, Moist, Rec. = 0.7 ft		R	12.2	24.3	36.1	39.6		
		Field Note: NXDC, Cored ahead, Cobbles								



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		A-3, Sa, gry, Wet, Rec. = 0.3 ft		R	21.2	7.2	86.9	5.9		
		A-2-4, SiSaGr, gry, Wet, Rec. = 1.7 ft, Pulled casing and replaced shoe with diamond bit.		77	11.9	35.9	35.7	28.4		
		A-4, GrSiSa, gry, Wet, Rec. = 1.0 ft		77	14.5	22.3	40.9	36.8		
45		A-4, SaSi, gry, Wet, Rec. = 0.6 ft		41	22.0	2.7	47.3	50.0		
		A-4, SaSi, gry, Wet, Rec. = 1.7 ft		41	18.6	10.7	41.4	47.9		
		A-2-4, GrSiSa, gry, Wet, Rec. = 0.6 ft		44	15.4	21.8	46.6	31.6		
		A-4, SaSi, gry, Wet, Rec. = 1.0 ft			16.3	19.1	30.0	50.9		
		A-4, Si, gry, Wet, Rec. = 0.6 ft		32	18.3	1.8	18.4	79.8		
50		A-6, SiCl, gry, Wet, Rec. = 0.9 ft			26.1	0.0	3.1	96.9	37	16
		A-6, SiCl, gry, Moist, Rec. = 2.0 ft		31	25.0	0.9	4.5	94.6	33	11
55		A-6, SiCl, gry, Moist, Rec. = 2.0 ft		27	27.2	0.0	3.7	96.3	40	16
60		A-4, GrSaSi, gry, Moist, Rec. = 1.3 ft		R	11.8	29.7	34.2	36.1		
		Field Note: NXDC, Cleaned out casing.								
65		A-4, SiSa, gry, Moist, Rec. = 1.5 ft. Sample was a combination of silt and ground granite.		78	21.5	2.1	52.8	45.1		
		Field Note: Roller cored ahead, Advanced casing, Cleaned out casing, NXDC								
70		A-4, CiSi, gry, Moist, Rec. = 1.4 ft		R	12.2	1.9	22.1	76.0	24	7
		Hole stopped @ 71.5 ft								
75		DRILLER'S NOTES: 1. Installed Inclinator to 70.0 ft. 2. Top of Inclinator is 1.5 ft. above ground surface.								

LOG OF BORING NEWPORT SLOPE STABILITY VT191.GPJ VT AOT.GDT 8/18/14

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