



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

BORING NUMBER: B-216
SHEET 1 of 2
DATE STARTED: 11/13/08
DATE COMPLETED: 12/05/08

PROJECT NAME: NEWPORT
SITE NAME: SLIDE
STATION: 118+97
OFFSET: 282.00
VTSPG NAD83: N 888653.86 ft E 1720991.12 ft

PROJECT NUMBER: STP 1343(22)
SITE NUMBER: VT 191
GROUND ELEVATION: 746.5 ft
GROUNDWATER DEPTH: 6.6 ft 11/21/08
PROJECT PIN NUMBER: 07B156

BORING CREW
CREW CHIEF: PORTER
DRILLER: PORTER
LOGGER: WERNER

BORING RIG: LAG TRACK RIG #10 w/AUTO HAMMER
BORING TYPE: WASH BORE
SAMPLE TYPE: SPLIT BARREL & TUBE
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: 749.0 ft										
		Cobbles, No samples taken, 0.0 ft - 7.0 ft								
10		A-4, SaSi, gry, Wet, Rec. = 0.1 ft		8	20.5	9.6	32.5	57.9		
20		A-4, GrSi, gry, Wet, Rec. = 1.0 ft Field Class.: Layer of broken rock Field Class.: NXDC, Boulders & Cobbles		11	17.4	34.1	19.2	46.7		
		A-4, SaSi, gry, Moist, Rec. = 1.3 ft		26	18.2	10.0	22.1	67.9		
		A-2-4, Sa, gry, Wet, Rec. = 1.5 ft		20	18.9	6.7	76.1	17.2		
30		A-2-4, Sa, gry, Wet, Rec. = 1.2 ft		33	23.2	7.8	75.4	16.8		
		A-4, SiSa, gry, Wet, Rec. = 1.8 ft		40	24.6	0.5	49.8	49.7		
40		A-4, SaSi, gry, Wet, Rec. = 2.0 ft		28	26.4	0.0	34.0	66.0		
		A-4, Si, gry, Molst, Rec. = 1.0 ft		51	24.7	0.6	12.7	86.7		
50		A-4, SaSi, gry, Moist, Rec. = 2.0 ft		60	26.3	0.0	26.7	73.3		
		A-4, Si, gry, Moist, Rec. = 1.8 ft		50	27.1	0.0	1.3	98.7		
60		A-4, Si, gry, Moist, Rec. = 1.7 ft		42	26.0	0.0	4.1	95.9		



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		A-7-6, Cl, gry, Moist, Rec. = 0.5 ft Field Class.: Granite Boulder		R	28.4	21.3	9.5	69.2	54	26
70		A-7-5, Cl, brn, Moist, Rec. = 2.0 ft A-7-6, Cl, brn, Moist, Rec. = 1.6 ft		17	34.6	0.0	3.7	96.3	59	27
		A-7-5, Cl, brn, Moist, Rec. = 2.0 ft		20	34.8	0.0	1.2	98.8	66	34
80		A-7-6, Cl, brn, Moist, Rec. = 1.3 ft			34.9	0.0	0.6	99.4	58	30
		A-7-5, Cl Varved, gry, Moist, Rec. = 2.0 ft			34.0	0.0	0.4	99.6	63	33
90		A-7-5, Cl, gry, Moist, Rec. = 2.0 ft		20	36.1	0.0	3.7	96.3	60	29
		A-7-6, SiCl, gry, Moist, Rec. = 1.9 ft			31.7	0.0	2.0	98.0	45	17
100		A-4, Si, gry, Moist, Rec. = 2.0 ft		41	32.2	0.0	2.5	97.5		
		A-4, Si, gry, Wet, Rec. = 2.0 ft		39	31.2	0.0	1.8	98.2		
110		A-4, SaSiGr with weathered rock, brn, Molst, Rec. = 0.7 ft		R	13.3	37.9	26.0	36.1		
		A-1-b, SiSaGr with little weathered rock, brn, Moist, Rec. = 0.8 ft		R	13.2	51.0	25.9	23.1		
		Hole stopped @ 117.0 ft								
120		DRILLER'S NOTES: 1. Installed Inclinator to 117.0 ft. 2. Top of Inclinator is 2.5 ft. above ground surface. 3. No ground water present on 12/16/08.								

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

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