



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

BORING NUMBER: B-215
SHEET 1 of 2
DATE STARTED: 10/26/09
DATE COMPLETED: 10/30/09

PROJECT NAME: NEWPORT
SITE NAME: SLIDE
STATION: 117+94
OFFSET: 545.00
VTSPG NAD83: N 888781.10 ft E 1721247.30 ft

PROJECT NUMBER: STP 1343(22)
SITE NUMBER: VT 191
GROUND ELEVATION: 708.60 See Note #3
GROUNDWATER DEPTH: See Driller's Notes
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: 710.6 ft
		Field Note: Cobbles									
5		A-4, SaSi, brn, Wet, Rec. = 0.4 ft		26	25.9	4.0	31.1	64.9			
		A-4, SaSi, brn, Wet, Rec. = 0.4 ft		8	25.3	0.4	36.8	62.8			
10		A-4, Si, gry, Wet, Rec. = 0.4 ft		35	23.8	12.9	16.9	70.2			
15		A-4, ClSi, gry, Wet, Rec. = 1.4 ft		21	28.5	0.0	4.5	95.5	30	8	
20		A-7-6, Cl, gry, Wet, Rec. = 0.4 ft		10	37.5	0.2	3.1	96.7	60	31	
25		Shelby Tube, brn, Wet, Rec. = 1.3 ft, 25.0 ft - 27.0 ft									
		A-7-6, Cl, brn, Moist, Rec. = 1.3 ft		7	35.1	0.0	0.8	99.2	62	33	
30		Shelby Tube, brn, Moist, Rec. = 1.5 ft, 30.0 ft - 32.0 ft									
		A-7-6, Cl, brn, Moist, Rec. = 1.4 ft, Thin silt varves every 6-7 inches.		10	35.6	0.0	4.3	95.7	62	33	
35		Shelby Tube, brn, Moist, Rec. = 1.6 ft, 35.0 ft - 37.0 ft									
		A-7-6, Cl, brn, Moist, Rec. = 1.6 ft		11	33.8	0.0	1.9	98.1	55	28	
40		Shelby Tube, brn, Moist, Rec. = 1.5 ft, 40.0 ft - 42.0 ft									
		A-7-6, Cl, brn, Moist, Rec. = 1.4 ft, Silt varves about every 5 inches.		5	36.5	0.0	2.6	97.4	58	30	
45		Shelby Tube, brn, Moist, Rec. = 1.4 ft, 45.0 ft - 47.0 ft									
		A-7-6, Cl, brn, Moist, Rec. = 1.8 ft, Silt varves about every 1/2-1 Inch.		6	18.7	0.0	2.2	97.8	60	33	



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DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	WELL DIAGRAM	N VALUE	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)	LL (%)	PI (%)	
				RUN	REC (%)	RQD (%)	Dip (deg)	Drill Rate (min/ft)			
		Shelby Tube, brn, Moist, Rec. = 1.4 ft, 50.0 ft - 52.0 ft									
55		A-7-6, Cl, brn-gry, Moist, Rec. = 1.5 ft, Silt varves about every 1/2-1 inch.		11	37.1	0.0	1.5	98.5	45	20	
60		A-7-6, SiCl, brn-gry, Moist, Rec. = 1.6 ft, Silt varves about every 1/2-3 Inches.		11	32.1	0.0	0.5	99.5	43	18	
65		A-4, Si with noticeable layers, gry, Moist, Rec. = 1.6 ft		28	27.5	1.3	3.3	95.4			
70		A-4, Si with noticeable layers, gry, Moist, Rec. = 1.5 ft		27	28.5	0.0	5.0	95.0			
75		A-2-4, SiSaGr, gry, Wet, Rec. = 0.7 ft Field Note: NXDC, Soft broken rock		R	15.8	37.6	35.8	26.6			
80		78.0 ft - 83.0 ft, Gray, Meta-Limestone, Hard, Unweathered, BXMDC, Competent		1	87	36	50	11 9 11 12 10			
85		Hole stopped @ 83.0 ft									
90		DRILLER'S NOTES: 1. Installed Inclinator to 78.0 ft. 2. Top of Inclinator is 2.0 ft. above ground surface. 3. Boring elevation approximated from contours on plan sheet.									
95		Ground water table: a. Artesian Condition: Overflow on 10/30/09 (drilled to 83.0' with casing 11.0' above ground)									

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

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