



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

BORING NUMBER: B-202
SHEET 1 of 3
DATE STARTED: 12/13/07
DATE COMPLETED: 1/17/08

PROJECT NAME: NEWPORT PROJECT NUMBER: STP 1343(22)
SITE NAME: SLIDE SITE NUMBER: VT 191
STATION: 113+17.00 GROUND ELEVATION: 812.5 ft
OFFSET: 133.00 GROUNDWATER DEPTH: 32.5 ft 1/09/08
VTSPG NAD83: N 888157.65 ft E 1721345.48 ft PROJECT PIN NUMBER: 07B156

BORING CREW: LAG TRACK RIG #10 w/AUTO HAMMER
CREW CHIEF: PORTER BORING TYPE: WASH BORE
DRILLER: PORTER SAMPLE TYPE: SPLIT BARREL
LOGGER: WERNER 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: 815.2 ft								
		A-2-4, SiSa, bm, Moist, Rec. = 1.7 ft, Top of inclinometer casing is 2.7 feet above ground level.		12	12.0	16.3	58.5	25.2		
		NXDC, Cleaned out casing, 4.5 ft - 5.0 ft A-1-b, GrSa, bm, Wet, Rec. = 1.0 ft		25	9.9	35.1	52.0	12.9		
10		A-4, SaSl, gry, Wet, Rec. = 0.7 ft		13	14.2	19.3	33.6	47.1		
		No recovery, Stone in end of sampler, 15.0 ft - 17.0 ft		24						
20		A-4, SaSl, gry, Wet, Rec. = 0.9 ft		20	21.7	14.3	24.4	61.3		
		A-2-4, SiSa, bm, Wet, Rec. = 1.9 ft		18	19.5	5.8	62.9	31.5		
30		A-4, SaSl, gry-brn, Moist, Rec. = 1.2 ft		26	16.5	12.6	27.1	60.3		
		Cleaned out casing, 34.4 ft - 35.0 ft A-4, SaSl, bm, Moist, Rec. = 1.4 ft		18	18.4	10.2	22.3	67.5		
40		Visual Classification, A-4, with broken rock, brn, Moist, Rec. = 0.3 ft, insufficient sample for testing. Cobbles, 40.8 ft - 42.8 ft, NXDC, Cored ahead.		R						
		A-7-6, Cl, brn-gry, Moist, Rec. = 1.3 ft, Advanced casing to 47.0 ft.		14	29.2	1.3	4.7	94.0	48	22
50		Visual Classification, Cl with large stones through-out the sample, brn-gry, MTW, Rec. = 1.0 ft. The end of the tube was crushed. A-7-4, Cl, brn, Wet, Rec. = 1.25 ft, insufficient sample for other testing. A-1-b, SiSaGr, gry, Wet, Rec. = 0.65 ft		18	29.6 12.1	39.8	39.2	21.0	47	22
		A-2-4, GrSa, bm, Wet, Rec. = 0.5 ft		41	16.5	21.6	63.9	14.5		



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SHEET 2 of 3
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LOGGER: WERNER CHECKED BY: CAA

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		A-2-4, GrSiSa, gry-brn, Moist, Rec. = 1.0 ft		42	17.8	22.0	48.4	29.6		
		A-2-4, SiSa, bm, Moist, Rec. = 1.1 ft		33	14.7	19.1	58.5	22.4		
70		Cobbles 66.0'-70.0' and gravel, NXDC 69.5'-70.0', Cored ahead, Advanced casing to 70.0 ft, 67.0 ft - 70.0 ft A-2-4, GrSa, brn-gry, Moist, Rec. = 1.5 ft		34	15.4	24.5	57.3	18.2		
		A-4, SaSl, gry, Moist, Rec. = 2.0 ft, Sample was hard packed with a trace of clay (NP).		22	18.7	2.6	47.6	49.8		
80		A-2-4, SaSiGr, gry, Wet, Rec. = 1.2 ft		29	16.3	40.6	29.2	30.2		
		A-4, GrSaSl, gry, Moist, Rec. = 1.4 ft, Hard packed material.		55	10.3	21.1	30.7	48.2		
90		Visual Classification, A-2-4, GrSaSl, gry, Wet, Rec. = 0.3 ft, insufficient sample for testing.		19						
		Visual Classification, A-2-4, GrSl, gry, Wet, Rec. = 0.5 ft, insufficient sample for testing, Roller-coned ahead & advanced casing.		39						
100		A-4, Sl, brn, Moist, Rec. = 1.25 ft NXDC, Cleaned out casing, 101.3 ft - 105.0 ft		74	17.3	19.5	14.9	65.6		
		A-4, GrSl, brn-gry, Moist, Rec. = 1.85 ft		75	16.8	30.9	14.0	55.1		
110		A-4, SaGrSl, brn, Moist, Rec. = 0.7 ft, Roller-coned ahead.		R	15.3	35.0	20.5	44.5		
		A-4, GrSl, gry-brn, Moist, Rec. = 1.0 ft, Roller-coned ahead, Advanced casing.		R	19.6	21.4	18.2	60.4		



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		A-4, Sl, gry-brn, Moist, Rec. = 1.0 ft, Roller-coned ahead, Advanced casing.		R	18.1	19.7	18.8	61.5		
		A-4, GrSl, gry, Moist, Rec. = 0.8 ft, Roller-coned ahead, Advanced casing.		R	18.0	27.4	17.0	55.6		
130		A-4, Sl, gry, Moist, Rec. = 0.9 ft, Roller-coned ahead, Advanced casing.		R	22.6	10.9	15.4	73.7		
		A-4, Sl, gry-brn, Moist, Rec. = 1.2 ft, Roller-coned ahead, Advanced casing.		R	23.3	10.4	16.5	73.1		
140		A-4, SaSl, gry, Moist, Rec. = 0.5 ft, Roller-coned ahead, Advanced casing.		R	14.2	17.4	26.3	56.3		
		A-4, Sl, brn, Moist, Rec. = 0.5 ft, Advanced casing.		R	22.7	0.4	17.0	82.6		
150		A-2-4, SiSaGr, brn, Moist, Rec. = 0.25 ft, Broken rock was throughout sample. Hole stopped @ 151.25 ft		R	10.9	41.0	32.2	26.8		
		DRILLER'S NOTES: 1. Installed inclinometer to 147.3 ft. 2. Top of inclinometer is 2.7 ft above ground surface. Ground water tables with dates: 22.5' on 12/26/07 20.1' on 12/27/07 35.5' on 12/28/07 34.9' on 01/04/08 35.5' on 01/07/08 33.9' on 01/08/08 32.5' on 01/09/08								
160										
170										

LOG OF BORING, NEWPORT, SLOPE STABILITY, VT191.GPJ, VT.ADT.GDT, #81614

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