



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

BORING NUMBER: B-102  
SHEET 1 of 2  
DATE STARTED: 11/27/01  
DATE COMPLETED: 12/05/01

PROJECT NAME: NEWPORT  
SITE NAME: MT. VERNON ST.  
STATION: 15+09  
OFFSET: 5.50  
VTSPG: N 888243.17 ft E 1717189.67 ft

PROJECT NUMBER: BHO 1449(25)  
SITE NUMBER: BR-9  
GROUND ELEVATION: 690.76 ft  
GROUNDWATER DEPTH:  
PROJECT PIN NUMBER: 96J314

BORING CREW  
CREW CHIEF: TALLMAN  
DRILLER: TALLMAN  
LOGGER: RUSSELL

BORING RIG: LARGE SKID RIG  
BORING TYPE: WASH BORE  
SAMPLE TYPE: SPLIT BARREL  
CHECKED BY: CCB

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
		Asphalt pavement, 0.0 ft - 1.1 ft					
		Concrete, 1.1 ft - 3.25 ft					
	x x x	Visual Classification, Possible stone fill, gry, Moist, Rec. = 0.2 ft	6	3.4			
		A-1-a, SaGr, brn, Wet, Rec. = 0.5 ft	10	9.7	71.2	21.5	7.3
		A-2-4, SaSiGr, brn, Wet, Rec. = 0.6 ft	8	14.6	35.5	32.0	32.5
10		A-1-a, Gr, brn, Moist, Rec. = 0.1 ft	15	7.0	76.1	18.7	5.2
		No Recovery, 12.0 ft - 14.0 ft	34				
		A-1-b, GrSa, brn, Wet, Rec. = 0.6 ft	11	13.4	33.2	52.1	14.7
		A-1-a, Gr, gry, Moist, Rec. = 0.2 ft	14	4.3	93.3	5.8	0.9
20		A-1-b, SiSaGr, brn, Moist, Rec. = 0.7 ft	10	12.3	48.4	30.5	21.1
		No Recovery, 20.0 ft - 22.0 ft	7				
		A-2-4, GrSiSa, brn, Moist, Rec. = 0.5 ft	7	15.3	25.8	45.0	29.2
		A-2-4, SiGrSa, brn, Moist, Rec. = 0.5 ft	4	14.4	24.0	55.4	20.6
		A-2-4, GrSiSa, brn, Wet, Rec. = 0.4 ft	6	26.8	20.5	57.2	22.3
30		A-2-4, SiSa, brn, Moist, Rec. = 1.0 ft	3	19.7	11.2	58.6	30.2
		A-2-4, SiSa, gry-brn, Moist, Rec. = 0.2 ft	4	23.3	4.3	74.7	21.0
		A-2-4, Sa, brn-gry, Moist, Rec. = 0.45 ft	7	25.1	0.8	84.5	14.7
40							
		A-1-b, GrSa, brn-gry, Moist, Rec. = 1.0 ft	12	19.9	34.1	56.9	9.0
		A-1-a, Gr, gry, Moist, Rec. = 0.25 ft	26	5.8	96.5	1.3	2.2
50		Field Note, Material appears to have changed at 48.0 ft.					
		A-4, Si with Trace of Organics (7.4%), gry, Moist, Rec. = 1.6 ft	3	80.6	0.3	6.0	93.7
		A-4, Si with Trace of Organics (4.4%), gry, Moist, Rec. = 0.08 ft	12	58.8			
60							
		A-1-b, GrSa, gry, Moist, Rec. = 0.85 ft, Some wood particles within sample.	20	17.3	36.6	53.8	9.6

LOG OF BORING NEWPORT BHO1449(25).GPJ VT AOT.GDT 5/13/09



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DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
		No Recovery. Stone in end of sampler., 65.0 ft - 67.0 ft	31				
70							
		A-4, Si, gry, Moist, Rec. = 0.15 ft	21	27.8	0.0	2.4	97.6
		A-4, Si, gry, Wet, Rec. = 0.25 ft	13	26.7	0.3	5.6	94.1
80							
		BXMDC, Boulder, 79.0 ft - 80.5 ft					
		No sample. Pulled casing at 80.5 ft. Changed bit., 80.5 ft					
		A-1-b, SaGr, gry, Wet, Rec. = 0.5 ft	10	13.4	44.2	39.3	16.5
90							
		BXMDC, Boulder, No sample., 88.5 ft - 90.5 ft					
		No Recovery, 95.0 ft - 97.0 ft	32				
100							
		A-2-4, SiSaGr, gry, Moist, Rec. = 0.9 ft	38	11.0	41.5	31.1	27.4
		Visual Classification, Various broken stone., gry, Moist, Rec. = 0.2 ft	R				
110							
		No Recovery. Possible boulders or cobbles., 110.0 ft - 115.0 ft	R				
		Visual Classification, BXMDC, Various cobbles and boulders., Rec. = 0.1 ft					
120							
		Visual Classification, Various broken stone., Rec. = 0.15 ft	R				
		Hole stopped @ 120.45 ft					
		DRILLER'S NOTES: 1. Various seams encountered between 105.ft and 117.0 ft.					

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