

BOTTOM OF ABUTMENT NO. 1, ELEVATION 679.00

STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH DIVISION SUBSURFACE INFORMATION		HOLE NO.: B-5 SHEET 1 OF 4 DATE STARTED: 12/10/01 DATE COMPLETED: 1/2/02							
PROJECT NAME: NEWPORT SITE NAME: BR 9 STATION: 3.0' west of Abutment #1 GROUND EL.: 688.44		PROJECT NUMBER: BHO 1449 (25) SITE NO.: MT. VERNON St. OFFSET: 7.0' north of center line G.W. DEPTH: 7.6							
BORING CREW CREW CHIEF: TALLMAN DRILLER: TALLMAN LOGGER: RUSSELL		BORING RIG: LARGE SKID RIG BORING TYPE: WASH BORE SAMPLE TYPE: SPLIT BARREL							
DEPTH	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. %	GRAVEL %	SAND %	FINES %	LL	PI
		0.0' - 0.45', Asphalt							
		0.45' - 1.80', Concrete							
5		A-1-a, SaGr, brn, Moist, Rec. = 0.25'	8	12.3	52.7	39.8	7.5		
		Visual Class: Possible Gravel, Rec. = 0.10'	11						
		A-1-a, SaGr with broken concrete, gry, Moist, Rec. = 0.90'	12	15.8	56.2	32.9	10.9		
10		No Sample, into Rock							
		Visual Class: Wood with trace of Gravel, Rec. = 0.20'	R						
		11.25', Pulled casing, Changed to sawtooth bit.							
15		A-1-b, Sa, gry, Moist, Rec. = 0.90'	3	29.9	5.3	90.8	3.9		
		A-1-b, Sa, gry, Moist, Rec. = 0.50'	3	22.5	4.1	91.5	4.4		
		A-1-b, Sa, gry, Wet, Rec. = 0.15'	3	21.9	12	82	6		
20		A-1-b, Sa, gry, Moist, Rec. = 0.35'	3	23.1	4	93.9	2.1		
		A-1-b, Sa, gry, Moist, Rec. = 1.20'	2	22.9	4	91	5		
25		A-1-b, Sa, gry, Moist, Rec. = 0.45'	2	23.7	3.9	91.9	4.2		
		A-1-b, Sa, gry, Moist, Rec. = 0.75'	3	20.6	7.5	85.3	7.2		
		A-1-b, Sa, gry, Moist, Rec. = 0.80'	3	24.7	2.2	93	4.8		
30		A-1-b, Sa, gry, Moist, Rec. = 0.70'	3	25.8	11	81.8	7.2		
		A-4, SaSi with Trace of Organics (5.6%), gry, Moist, Rec. = 0.40'	46.1	0.7	46.5	52.8			
35		A-4, Si with Trace of Organics (9.2%), gry, Moist, Rec. = 2.00'	3	61	9	91			
40		A-4, Si with Trace of Organics (7.9%), gry, Moist, Rec. = 2.00'	2	66.3	9.1	90.9			
45		A-4, SaSi, gry, Moist, Rec. = 0.90'	10	48.5	24.5	75.5			
		A-2-4, Sa, gry, Moist, Rec. = 0.80'	24.4	0.1	83.3	16.6			

STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH DIVISION SUBSURFACE INFORMATION		HOLE NO.: B-5 SHEET 2 OF 4 DATE STARTED: 12/10/01 DATE COMPLETED: 1/2/02							
PROJECT NAME: NEWPORT SITE NAME: BR 9 STATION: 3.0' west of Abutment #1 GROUND EL.: 688.44		PROJECT NUMBER: BHO 1449 (25) SITE NO.: MT. VERNON St. OFFSET: 7.0' north of center line G.W. DEPTH: 7.6							
BORING CREW CREW CHIEF: TALLMAN DRILLER: TALLMAN LOGGER: RUSSELL		BORING RIG: LARGE SKID RIG BORING TYPE: WASH BORE SAMPLE TYPE: SPLIT BARREL							
DEPTH	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. %	GRAVEL %	SAND %	FINES %	LL	PI
		Visual Class: A-2-4, SiSa, gry, Moist, Rec. 0.15'	12						
55		A-1-a, SaGr, gry, Moist, Rec. = 0.45'	22	9.7	63	31.2	5.8		
60		A-4, GrSi, gry, Moist, Rec. = 0.50'	17	18.1	23.2	13.5	63.3		
65		A-4, SaSi, gry, Moist, Rec. = 2.00'	3	22.4	0.5	27.8	71.7		
70		A-4, SiSa, gry, Moist, Rec. = 1.65'	17	20.9	0.1	60	39.9		
75		A-1-a, Gr, gry, Moist, Rec. = 0.90'	34	7.1	75.1	18.3	6.6		
80		A-1-a, SaGr, gry, Moist, Rec. = 0.60'	23	16.6	51.5	45.7	2.8		
85		85.0' - 87.0', Not enough Rec., A few small stones	14						
90		Visual Class: A-4, Si, gry, Moist, Minimal Recovery	29						
95		A-4, Si, gry, Moist, Rec. = 1.40'	14	28.3		1.2	98.8		

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PROJECT NAME: NEWPORT SITE NAME: BR 9 STATION: 3.0' west of Abutment #1 GROUND EL.: 688.44		PROJECT NUMBER: BHO 1449 (25) SITE NO.: MT. VERNON St. OFFSET: 7.0' north of center line G.W. DEPTH: 7.6							
BORING CREW CREW CHIEF: TALLMAN DRILLER: TALLMAN LOGGER: RUSSELL		BORING RIG: LARGE SKID RIG BORING TYPE: WASH BORE SAMPLE TYPE: SPLIT BARREL							
DEPTH	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. %	GRAVEL %	SAND %	FINES %	LL	PI
		A-4, Si, gry, Moist, Rec. = 1.30'	17	29.5		1.7	98.3		
105		A-4, Si, gry, Moist, Rec. = 1.00'	26	23.8		15.6	84.4		
110		A-4, SaSi, gry, Moist, Rec. = 1.20'	38	21.7		23.2	76.8		
115		A-4, Si, gry, Moist, Rec. = 0.45'	35	23.4		11.9	88.1		
120		A-4, Si, gry, Moist, Rec. = 0.70'	30	23.6		6.8	93.2		
125		A-4, Si, gry, Moist, Rec. = 0.50'	32	25.8		3.8	96.2		
130		A-4, Si, gry, Moist, Rec. = 0.60'	38	23.9	0.8	5.6	93.6		
135		135.0' - 137.0', No Sample							
		138.0' - 138.5', No Rec. Poss. boulders/cobbles	R						
140		140.0' - 145.0', BXGDC, Various types of rock, Rec. = 1.20'							
145		145.0' - 145.5', No Rec.	R						

ESTIMATED PILE TIP ELEVATION 544.00

STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH DIVISION SUBSURFACE INFORMATION		HOLE NO.: B-5 SHEET 4 OF 4 DATE STARTED: 12/10/01 DATE COMPLETED: 1/2/02							
PROJECT NAME: NEWPORT SITE NAME: BR 9 STATION: 3.0' west of Abutment #1 GROUND EL.: 688.44		PROJECT NUMBER: BHO 1449 (25) SITE NO.: MT. VERNON St. OFFSET: 7.0' north of center line G.W. DEPTH: 7.6							
BORING CREW CREW CHIEF: TALLMAN DRILLER: TALLMAN LOGGER: RUSSELL		BORING RIG: LARGE SKID RIG BORING TYPE: WASH BORE SAMPLE TYPE: SPLIT BARREL							
DEPTH	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. %	GRAVEL %	SAND %	FINES %	LL	PI
		150.0' - 152.0', No Rec. Possible boulders	R						
		152.0' - 153.5', Out of rock.							
155		153.5' - 155.0', No Sample Possible boulders							
		BXGDC, 155.0' - 160.0', Rec. 1.10', Small stones and granite boulder, Info silt material at 158.0', Casing bit wore out at 155 feet.							
160		Hole stopped @ 160.0'							
165									
170									
175									
180									
185									
190									
195									

PROJECT NAME: NEWPORT CITY
 PROJECT NUMBER: BRO 1449(25)
 FILE NAME: 96j314/str/96j314bor.dgn PLOT DATE: 22-NOV-2011
 PROJECT LEADER: C. CARLSON DRAWN BY: J. TOUCHETTE
 DESIGNED BY: C. BENDA CHECKED BY: C. BENDA
 BORING LOG 4 SHEET 23 OF 75