

TEST RESULTS

PROJECT: 8.2625001 U-3837

COUNTY: FORSYTH

SITE DESCRIPTION: RETAINING WALL LEFT OF STA. 51+62(+/-) TO 56+45(+/-) -L-

SOIL SAMPLE RESULTS

SAMPLE NO.	OFFSET	STATION	DEPTH INTERVAL	AASHTO CLASS	N	L.L.	P.I.	% BY WEIGHT				% PASSING SIEVES			% MOISTURE	% ORGANIC	UNIT WT. (d)	VOID RATIO
								C. SAND	F. SAND	SILT	CLAY	10	40	200				
<b>B-5</b>																		
SS-97	70 LT	54+60	4.10-5.60	A-7-5(4)	2	47	14	27.3	30.8	21.7	20.2	96	81	45				
MS-98			6.60-8.10												25.4			
SS-98			6.60-8.10	A-7-5(5)	1	48	17	26.1	30.6	21.1	22.3	97	82	47				
ST-4			9.10-11.10	A-7-5(3)		47	13	28.8	29.2	21.8	20.2	95	78	44	29.67	85.06	0.9873	
ST-5			11.10-13.10	A-7-5(5)		51	20	31.6	26.2	16	26.2	91	72	43	29	89.56	0.8812	
MS-5			11.10-13.10												26.6			
MS-99			14.10-15.60												33.2			
SS-99			14.10-15.60	A-7-5(14)	9	54	17	10.5	26.5	28.5	34.4	100	95	71				
SS-100			16.60-18.10	A-7-5(13)	10	57	18	12.6	26.1	28.9	32.4	96	89	66				
MS-101			19.10-20.60												37.8			
SS-101			19.10-20.60	A-7-5(8)	6	51	15	17.4	30.4	27.9	24.3	95	85	57				
SS-102			21.60-23.10	A-7-5(15)	4	54	17	8.5	23.5	33.6	34.4	100	96	74				
MS-103			24.10-25.60												44.6			
SS-103			24.10-25.60	A-4(4)	3	38	8	14.8	30.4	34.6	20.2	97	90	60				
ST-6			26.10-28.30															
SS-104			29.10-30.60	A-2-4(0)	10	34	7	42.1	26.1	21.7	10.1	89	63	34				
SS-105			34.10-35.60	A-7-5(3)	14	41	11	7.9	56.3	25.7	10.1	98	95	48				
<b>B-6</b>																		
SS-106	75 LT	55+25	4.10-5.60	A-7-5(7)	4	48	16	24.5	28.5	19.0	28.1	100	86	53				
MS-107			9.10-10.60												25.9			
SS-107			9.10-10.60	A-7-6(11)	11	50	24	24.5	22.1	11.3	42.1	97	83	55				
MS-108			14.10-15.60												24.7			
SS-108			14.10-15.60	A-2-6(1)	11	37	17	39.1	27.7	11.1	22.1	98	73	35				
SS-109			16.60-18.10	A-7-5(29)	14	69	32	7.2	20.9	29.8	42.1	100	96	78				
SS-110			19.10-20.60	A-2-7(1)	21	47	16	39.3	26.9	13.7	20.1	80	58	31				
MS-111			24.10-25.60												30.8			
SS-111			24.10-25.60	A-5(3)	5	43	9	18.7	39.5	29.8	12.0	100	92	52				
SS-112			29.10-30.60	A-5(2)	9	43	9	22.5	40.7	24.8	12.0	100	90	45				
SS-113			34.10-35.60	A-4(0)	6	39	8	32.5	36.7	20.8	10.0	98	79	39				
SS-114			39.10-40.60	A-5(3)	13	41	8	16.9	36.5	28.6	18.1	100	94	54				
<b>B-7</b>																		
SS-115	75 LT	56+35	4.40-5.90	A-7-5(3)	6	45	12	26.7	29.9	21.4	22.1	95	79	46				
MS-116			9.40-10.90												18.5			
SS-116			9.40-10.90	A-7-6(8)	14	51	23	31.5	20.3	8.1	40.1	100	80	50				
MS-117			14.40-15.90												18.8			
SS-117			14.40-15.90	A-2-7(0)	17	44	12	46.5	25.7	11.7	16.0	98	70	31				
SS-118			16.90-18.40	A-2-4(0)	13	30	NP	63.3	23.4	6.3	7.0	94	55	15				
MS-119			21.90-23.40												47.4			
SS-119			21.90-23.40	A-7-5(6)	4	45	15	29.1	17.7	29.2	24.1	93	71	54				
SS-120			34.40-35.90	A-4(4)	4	39	10	20.5	32.3	29.2	18.1	100	90	55				

ROCK SAMPLE RESULTS

SAMPLE NO.	OFFSET	STATION	DEPTH INTERVAL	RQD	UNIT WT	Q(MPa) (MPsi)	E(MPa) (MPsi)
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