

TEST RESULTS

PROJECT: 8.2625001 U-3837

COUNTY: FORSYTH

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

SHEET 12 OF 13

SOIL SAMPLE RESULTS

SAMPLE NO.	OFFSET	STATION	DEPTH INTERVAL	AASHTO CLASS	N	L.L.	P.I.	% BY WEIGHT				% PASSING SIEVES			%	%	UNIT WT. (d)	VOID RATIO
								C. SAND	F. SAND	SILT	CLAY	10	40	200				
<b>B-1</b>																		
SS-61	110.00 LT.	51+70 -L-	1.00-2.50	A-7-6(5)	3	44	18	27.0	27.6	17.1	28.3	92	77	46				
SS-62			4.30-5.80	A-7-5(5)	3	46	13	24.6	26.4	16.6	32.3	94	80	50				
SS-63			6.80-8.30	A-7-5(7)	3	52	22	24.4	28.9	16.4	30.3	94	81	48				
SS-64			9.30-10.80	A-7-5(3)	5	45	13	25.6	36.1	16.0	22.2	96	83	43				
SS-65			14.30-15.80	A-6(3)	2	33	15	28.9	27.9	11.0	32.3	97	81	45				
SS-66			16.80-18.30	A-7-6(6)	3	43	20	29.3	24.0	12.4	34.3	99	81	49				
SS-67			19.30-20.80	A-7-6(7)	8	44	18	25.4	24.6	13.6	36.3	99	84	53				
SS-68			21.80-14.20	A-7-6(15)	7	51	32	21.2	23.2	15.2	40.4	98	87	58				
SS-69			29.30-30.80	A-7-5(1)	8	46	13	28.3	37.5	18.1	16.1	94	80	37				
<b>B-2</b>																		
SS-70	70 LT	52+20	4.40-5.90	A-7-5(4)	2	46	13	26.4	28.3	19.1	26.2	98	82	49				
SS-71			9.40-10.90	A-2-4(0)	2	40	9	35.7	33.5	12.6	18.2	93	73	33				
SS-72			11.90-13.40	A-7-5(2)	0	45	12	27.9	34.3	19.7	18.2	97	81	43				
MS-73			14.40-15.90												36.1			
SS-73			14.40-15.90	A-7-5(3)	2	44	13	26.6	30.7	18.5	24.2	95	80	46				
SS-74			16.90-18.40	A-6(5)	4	37	18	28.9	24.1	14.6	32.4	98	81	49				
SS-75			21.90-23.40	A-7-6(12)	6	63	43	32.2	26.5	10.9	30.4	98	79	43				
SS-76			24.40-25.90	A-6(2)	3	37	20	38.7	27.5	9.5	24.3	97	74	36				
SS-77			26.90-28.40	A-2-5(0)	6	43	NP	22.7	48.8	18.4	10.1	95	84	34				
SS-78			29.40-30.90	A-5(4)	7	56	10	14.2	47.6	28.1	10.1	100	94	50				
<b>B-3</b>																		
SS-79	70 LT	53+00	3.80-5.30	A-5(1)	1	47	9	26.9	38.1	20.9	14.2	98	83	40				
SS-80			8.80-10.30	A-5(2)	5	45	8	26.7	32.8	20.2	20.2	99	84	47				
SS-81			13.80-15.30	A-7-6(6)	3	42	19	26.3	27.3	14.0	32.4	96	81	48				
SS-82			16.30-17.80	A-7-6(9)	5	50	26	31.4	17.0	13.2	38.5	96	77	50				
SS-83			18.80-20.30	A-7-5(30)	8	81	46	20.6	17.6	11.1	50.6	100	88	65				
SS-84			21.30-22.80	A-7-5(5)	6	49	12	17.4	33.8	24.5	24.3	95	86	53				
SS-85			23.80-25.30	A-7-5(7)	7	64	14	9.7	48.4	25.7	16.2	100	97	51				
<b>B-4</b>																		
SS-86	70 LT	53+80	3.80-5.30	A-5(2)	0	49	10	26.7	34.8	18.2	20.2	97	82	44				
SS-87			8.80-10.30	A-7-5(3)	7	48	12	24.3	34.8	22.7	18.2	95	82	46				
ST-2			10.30-12.30															
SS-88			12.30-13.80	A-7-6(11)	18	50	24	24.1	18.6	12.8	44.5	95	80	57				
SS-89			13.80-15.30	A-7-6(16)	16	54	25	17.8	16.4	15.2	50.6	96	85	65				
SS-90			16.30-17.80	A-7-5(14)	12	58	21	18.2	18.8	26.5	36.4	96	84	65				
SS-91			18.80-20.30	A-7-5(21)	6	62	27	10.7	20.9	36.0	32.4	97	92	72				
SS-92			21.30-22.80	A-5(9)	3	57	10	9.9	33.8	38.1	18.2	100	96	67				
SS-93			23.80-25.30	A-7-5(23)	0	63	23	2.2	29.8	39.7	28.3	100	99	80				
ST-3			25.40-27.60	A-7-5(13)		65	20	11	40.5	30	18.6	100	94	61	71.48	58.5	1.9445	
SS-94			28.80-30.30	A-7-5(4)	3	42	12	22.5	35.6	29.8	12.1	100	87	52				
SS-95			33.80-35.30	A-7-5(7)	4	53	16	11.3	43.9	32.6	12.1	97	91	53				
SS-96			38.80-40.30	A-7-5(11)	2	56	13	4.7	38.7	34.4	22.3	100	99	68				

ROCK SAMPLE RESULTS

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