

TEST RESULTS

PROJECT: 33240.1.1 B-3700

COUNTY: STANLY

SITE DESCRIPTION: BRIDGE NO. 187 ON SR 1214 OVER LONG CREEK

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>EB1-B</b>																		
SS-1	16.80 RT.	16+27	4.00-5.00	A-6(6)	6	35	11	12.2	18.2	37.2	32.4	87	81	65				
SS-2			9.00-10.00	A-4(6)	7	31	8	0.6	25.9	41	32.4	100	100	83				
<b>EB2-A</b>																		
SS-3	10.4 LT	17+42.5	4.20-5.20	A-4(8)	2	37	10	10.5	12.2	34.8	42.6	97	90	79				
SS-4			9.20-10.20	A-7-6(21)	6	43	21	1.8	9.3	40.2	48.6	100	99	93				
SS-5			14.20-15.20	A-7-5(16)	5	48	17	3.2	24.1	56.4	16.2	100	99	82				
SS-6			19.20-20.20	A-7-5(12)	8	65	18	19.5	27.0	51.6	2.0	100	90	60				
SS-7			24.50-25.20	A-5(2)	18	46	9	34.2	26.1	33.5	6.1	100	83	45				
<b>EB2-B</b>																		
SS-8	13.10 RT.	17+38	9.10-10.1	A-7-6(13)	16	41	16	3.9	16.2	41.4	38.5	93	90	79				
SS-9			19.10-20.10	NOT ENOUGH MAT.	16	NOT ENOUGH MATERIAL		51.5	14.2	18.1	16.2	14	8	5				

ROCK SAMPLE RESULTS

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