

TEST RESULTS

PROJECT: 33177.1.1 B-3629
 COUNTY: CASWELL COUNTY
 SITE DESCRIPTION: BRIDGE NO. 11 ON SR 1565 OVER COUNTRY LINE CREEK

SOIL SAMPLE RESULTS														ROCK SAMPLE RESULTS																
SAMPLE NO.	OFFSET	STATION	DEPTH INTERVAL	AASHTO CLASS	N	L.L.	P.I.	% BY WEIGHT				% PASSING SIEVES			%	%	UNIT WT. (d)	VOID RATIO	SAMPLE NO.	OFFSET	STATION	DEPTH INTERVAL	RQD	UNIT WT	Q(MPa) (MPsi)	E(MPa) (MPsi)				
								C. SAND	F. SAND	SILT	CLAY	10	40	200													MOISTURE	ORGANIC		
EB1-A																														
SS-11	11 LT	25+55	10.20-11.70	A-4(6)	11	28	10	1.0	38.0	32.9	28.1	100	99	76																
SS-12	11 LT	25+55	15.20-16.70	A-4(0)	5	24	NP	2.0	62.7	21.2	14.1	100	100	47																
SS-13	11 LT	25+55	19.20-20.70	A-4(2)	2	28	7	2.2	52.1	23.6	22.1	100	100	57																
SS-14	11 LT	25+55	25.20-26.70	A-3(0)	11	31	NP	60.6	32.2	4.2	3.0	100	73	9																
EB1-B																														
S-1	6.5 RT	25+55	0.00-4.10	A-6(4)		33	15	25.3	28.5	16.0	30.2	95	81	48																
SS-2	6.5 RT	25+55	4.10-5.60	A-6(6)	4	40	18	26.3	29.1	16.4	28.1	98	81	49																
SS-3	6.5 RT	25+55	9.10-10.60	A-4(0)	5	25	3	32.8	32.6	20.6	14.1	97	76	39																
SS-4	6.5 RT	25+55	14.10-15.60	A-6(19)	3	39	20	0.8	11.5	47.5	40.2	100	100	94																
SS-5	6.5 RT	25+55	19.10-20.60	A-4(0)	2	23	3	7.8	48.0	24.0	20.1	100	98	55																
B1-B																														
SS-38	4.6 RT	25+88	0.00-1.50	A-4(2)	7	26	7	3.2	45.9	28.7	22.2	100	99	64																
B2-A																														
SS-20	6.2 RT	26+40	5.20-6.70	A-6(18)	1	40	20	1.8	14.5	43.5	40.2	100	99	89																
SS-21	6.2 RT	26+40	10.20-11.70	A-4(3)	0	30	9	5.0	41.4	31.5	22.1	98	95	61																
SS-22	6.2 RT	26+40	19.90-21.40	A-1-b(0)	29	23	NP	70.6	15.7	7.7	6.0	51	21	8																
B3-A																														
SS-6	5.5 LT	26+92	0.00-1.50	A-1-b(0)	2	28	NP	63.5	30.4	2.1	4.0	97	46	8																
SS-7	5.5 LT	26+92	5.00-6.50	A-1-b(0)	2	31	NP	66.3	24.3	3.3	6.0	86	48	10																
SS-8	5.5 LT	26+92	10.00-11.50	A-2-4(0)	100+	37	NP	46.8	34.6	10.6	8.0	84	54	19																
SS-9	5.5 LT	26+92	13.50-15.00	A-1-b(0)	100+	26	NP	62.7	23.7	7.5	6.0	76	39	13																
B4-B																														
SS-18	5.3 RT	27+40	4.60-6.10	A-2-4(0)	3	20	NP	38.7	34.6	12.6	14.0	100	79	31																
SS-19	5.3 RT	27+40	18.50-20.00	A-1-b(0)	100+	17	NP	59.4	21.1	11.5	8.0	55	29	12																
EB2-A																														
MS-30	11 LT	27+78	10.60-12.10																											
SS-30	11 LT	27+78	10.60-12.10	A-4(3)	8	25	8	3.2	39.4	33.3	24.1	100	99	70																
SS-31	11 LT	27+78	15.50-17.00	A-4(0)	4	27	3	0.8	52.9	28.2	18.1	100	100	62																
SS-32	11 LT	27+78	20.50-22.00	A-2-4(0)	6	22	NP	27.3	52.7	9.9	10.1	100	94	26																
SS-33	11 LT	27+78	25.50-27.00	A-3(0)	5	26	NP	51.6	40.8	4.6	3.0	99	71	9																
SS-34	11 LT	27+78	30.50-32.00	A-2-4(0)	78	22	NP	49.1	33.5	11.4	6.0	81	53	17																
EB2-B																														
SS-15	11 RT	27+77	10.30-11.80	A-4(5)	4	31	8	9.0	20.9	37.9	32.2	100	94	78																
SS-16	11 RT	27+77	15.30-16.80	A-4(0)	0	22	NP	3.2	63.7	21.0	12.1	100	100	45																
SS-17	11 RT	27+77	20.30-21.30	A-2-4(0)	100+	23	NP	11.8	68.9	12.3	7.0	100	99	30																
CULVERT @ STA. 15+91 -L-																														
SS-35	11 LT	16+21	5.60-7.10	A-6(4)	3	39	20	21.4	41.0	13.3	24.2	95	86	42																
SS-36	11 LT	16+21	10.60-12.10	A-6(8)	8	28	14	2.2	37.8	31.7	28.3	100	99	74																
SS-37	11 LT	16+21	25.60-26.80	A-2-4(0)	100+	23	NP	36.4	43.4	14.1	6.1	95	74	25																

22.5