

SOIL AND ROCK TEST RESULTS

PROJECT: 8.1621301 I-2102

COUNTY: FORSYTH

SITE DESCRIPTION: BRIDGE NO. 244 ON SR 1101 OVER I-40

SHEET 18 OF 19

SOIL SAMPLE DATA

SAMPLE NO.	OFFSET	STATION	DEPTH INTERVAL	AASHTO CLASS	N	L.L.	P.I.	% BY WEIGHT				% PASSING SIEVES			MOISTURE %
								C. SAND	F. SAND	SILT	CLAY	10	40	200	
SS-9	38.0 LT.	19+00.0 (EB1-A)	4.60-6.10	A-7-5(24)	5	60	22	3.5	14.8	47.2	34.5	100	99	86	
SS-10	38.0 LT.	19+00.0 (EB1-A)	19.60-21.10	A-5(7)	10	52	8	5.1	37.2	39.5	18.3	100	98	67	
SS-11	38.0 LT.	19+00.0 (EB1-A)	39.60-41.10	A-7-5(4)	18	43	8	15.0	43.2	33.6	8.1	100	94	50	
SS-12	38.0 LT.	19+00.0 (EB1-A)	44.60-46.10	A-2-4(0)	11	40	NP	33.7	35.1	21.0	10.2	93	71	35	
SS-13	38.0 LT.	19+00.0 (EB1-A)	69.60-71.10	A-2-5(0)	42	45	4	41.8	23.1	24.9	10.2	81	55	32	
SS-21	9.0 RT.	19+36.0 (EB1-C)	4.60-6.10	A-2-7(2)	36	47	23	33.4	19.7	13.6	33.2	63	47	32	
SS-22	9.0 RT.	19+36.0 (EB1-C)	9.60-11.10	A-7-5(4)	9	55	13	30.1	22.4	26.7	20.8	85	65	45	
SS-23	9.0 RT.	19+36.0 (EB1-C)	39.60-41.10	A-7-6(6)	6	44	16	27.8	17.4	29.8	24.9	87	68	51	
SS-24	9.0 RT.	19+36.0 (EB1-C)	54.60-56.10	A-2-5(0)	25	48	7	47.1	28.5	16.1	8.3	100	64	30	
SS-18	46.0 RT.	19+55.0 (EB1-B)	4.40-5.90	A-7-5(11)	4	54	16	9.8	32.0	33.3	24.9	97	92	65	
SS-19	46.0 RT.	19+55.0 (EB1-B)	29.40-30.90	A-7-5(14)	2	54	16	5.6	30.5	36.9	27.0	100	98	73	
SS-20	46.0 RT.	19+55.0 (EB1-B)	69.40-70.90	A-5(1)	33	41	9	29.7	33.6	20.0	16.6	100	83	43	
SS-1A	36.5 RT.	20+38.0 (B1-A)	6.40-7.90	A-7-5(5)	15	45	11	14.2	34.8	30.6	20.3	94	88	54	
SS-2A	36.5 RT.	20+38.0 (B1-A)	9.50-11.00	A-5(5)	5	50	9	17.7	34.6	33.5	14.2	100	92	55	
SS-3A	36.5 RT.	20+38.0 (B1-A)	16.50-18.00	A-7-5(16)	1	56	20	7.7	26.4	39.4	26.4	100	97	72	
SS-4A	36.5 RT.	20+38.0 (B1-A)	19.50-21.00	A-7-5(24)	4	54	17	0.2	34.0	39.4	26.4	100	100	100	
SS-5A	36.5 RT.	20+38.0 (B1-A)	24.50-26.00	A-7-5(4)	4	49	13	34.6	21.4	31.8	12.2	100	84	48	
SS-6A	36.5 RT.	20+38.0 (B1-A)	29.50-31.00	A-7-5(9)	5	54	15	13.4	36.6	35.7	14.2	100	95	61	
SS-7A	36.5 RT.	20+38.0 (B1-A)	34.50-36.00	A-4(0)	18	40	10	37.4	21.0	21.3	20.3	78	55	37	
SS-8A	36.5 RT.	20+38.0 (B1-A)	39.50-41.00	A-2-6(1)	27	38	16	44.2	24.6	17.0	14.2	68	46	25	
SS-9A	36.5 RT.	20+38.0 (B1-A)	45.50-47.00	A-2-6(0)	40	40	11	45.2	22.8	17.8	14.2	64	43	23	
SS-10A	36.5 RT.	20+38.0 (B1-A)	49.50-51.00	A-2-4(0)	14	38	NP	46.2	25.0	18.6	10.2	98	64	32	
SS-11A	36.5 RT.	20+38.0 (B1-A)	54.50-56.00	A-2-4(0)	100	30	NP	47.3	32.5	14.1	6.1	100	67	27	
SS-12A	36.5 RT.	20+38.0 (B1-A)	59.50-61.00	A-4(0)	25	39	NP	29.5	41.1	21.3	8.1	100	84	37	
SS-13A	36.5 RT.	20+38.0 (B1-A)	64.50-66.00	A-4(0)	69	30	NP	23.5	43.5	23.8	9.2	100	89	43	
SS-14A	13.5 RT.	20+73.0 (B1-C)	6.70-8.20	A-7-5(27)	4	67	31	5.9	27.5	42.2	24.4	100	98	76	
MS-14A	13.5 RT.	20+73.0 (B1-C)	6.70-8.20												59.9
SS-15A	13.5 RT.	20+73.0 (B1-C)	9.10-10.60	A-7-5(18)	4	61	22	6.7	30.7	40.2	22.4	100	98	71	
MS-15A	13.5 RT.	20+73.0 (B1-C)	9.10-10.60												50.9
SS-16A	13.5 RT.	20+73.0 (B1-C)	19.10-20.60	A-7-5(43)	4	78	42	4.1	14.9	48.5	32.6	100	98	87	
SS-17A	13.5 RT.	20+73.0 (B1-C)	29.90-31.40	A-4(0)	15	32	NP	20.1	47.2	25.5	7.1	100	92	41	
SS-18A	13.5 RT.	20+73.0 (B1-C)	34.90-36.40	A-2-4(0)	25	31	NP	30.8	48.2	14.9	6.1	98	82	28	
SS-19A	13.5 RT.	20+73.0 (B1-C)	39.90-41.40	A-4(0)	32	34	NP	20.8	48.2	21.9	9.2	96	88	40	
SS-20A	13.5 RT.	20+73.0 (B1-C)	44.90-46.60	A-2-4(0)	65	25	NP	30.3	45.6	18.0	6.1	96	79	33	
SS-21A	13.5 RT.	20+73.0 (B1-C)	49.90-51.40	A-2-4(0)	50	26	NP	31.1	46.0	15.8	7.1	95	77	30	
SS-22A	13.5 RT.	20+73.0 (B1-C)	54.90-56.40	A-2-4(0)	100	25	NP	29.1	51.2	14.6	5.1	95	78	28	