

SOIL AND ROCK TEST RESULTS

PROJECT: 8.180503 (R-2206C) WBS # 34383.1.1

COUNTY: CATAWBA

SITE DESCRIPTION: BRIDGE(S) ON NC 16 BYPASS OVER REED CREEK BETWEEN SR 1855 AND NC 16

SHEET 21 OF 27

SOIL SAMPLE DATA

SAMPLE NO.	OFFSET	BORING LOCATION	DEPTH INTERVAL	AASHTO CLASS	N	L.L.	P.I.	% BY WEIGHT				% PASSING SIEVES		
								C. SAND	F. SAND	SILT	CLAY	10	40	200
SS-1	16.9 LT	B2-A SBL	1.73-2.03	A-1-B(0)	33	25	NP	36.5	40.1	11.3	12	46	36	14
SS-2	16.9 LT	"	3.25-3.55	A-2-4(0)	100	33	NP	45.3	31.3	15.3	8	86	58	24
SS-3	10.6 LT	B2-B SBL	1.63-1.93	A-4(0)	5	23	NP	16.9	51.2	15.9	16	100	94	43
SS-4	16.9 RT	B2-B NBL	1.84-2.14	A-1-B(0)	9	23	NP	40.7	39.7	11.5	8	49	36	14
SS-5	16.9 RT	"	3.36-3.66	A-6(1)	7	34	NP	36.9	33.3	17.8	12	100	76	37
SS-6	16.6 RT	EB2-B NBL	1.15-1.45	A-2-4(0)	5	22	NP	29.9	47.9	10.1	12	98	84	28
SS-7	16.6 RT	"	2.67-2.97	A-1-B(0)	10	33	NP	49.7	331	9.1	8.1	55	37	13
SS-8	11.4 LT	EB2-B SBL	1.30-1.60	A-6(8)	5	39	17	11.6	36.1	20.2	32.1	96	90	61
SS-9	11.4 LT	"	2.82-3.12	A-2-4(0)	7	36	NP	31.3	43.3	15.3	10	78	64	26
SS-10	11.4 LT	:	4.34-4.74	A-2-4(0)	7	36	NP	43.1	28.1	12.7	16	84	57	28
SS-11	12 LT	EB1-B SBL	1.09-1.39	A-2-4(0)	26	32	NP	37	39.4	13.5	10.1	100	83	31
SS-12	12 LT	"	4.13-4.43	A-2-4(0)	47	34	NP	50.4	31.3	8.3	10	90	60	21
SS-13	11.6 RT	EB1-A NBL	0.97-1.27	A-4(6)	7	33	10	1.2	46.1	26.6	26.1	100	100	70
SS-14	11.6 RT	"	2.49-2.79	A-1-B(0)	37	29	NP	40.9	35.9	7.1	16	57	41	17
SS-15	11.6 RT	"	4.01-4.31	A-4(0)	7	33	NP	41.5	23.5	19.0	16.0	96	66	38
SS-16	11.6 RT	"	8.59-8.89	A-2-4(0)	18	25	NP	45.1	25.7	13.1	16	86	57	28
SS-17	18.6 RT	EB1-B NBL	2.12-2.42	A-6(3)	10	34	12	27.3	25.7	17	30.1	97	82	50
SS-18	18.6 RT	"	3.62-3.92	A-4(0)	12	31	NP	30.5	34.1	5.3	30.1	100	84	43
SS-19	18.6 RT	EB1-B NBL	6.68-6.98	A-4(0)	16	30	NP	27.7	39.7	20.6	12	100	86	42
SS-20	18.6 RT	"	11.24-11.54	A-2-4(0)	47	36	NP	32.3	44.7	10.9	12	98	82	29
SS-21	17.4 RT	B1-B NBL	1.72-2.02	A-1-A(0)	19	25	NP	39.5	35.9	16.5	8	40	30	12
SS-22	17.4 RT	"	3.24-3.54	A-2-4(0)	9	29	NP	45.9	25.9	10.1	18.1	91	61	31
SS-23	17.4 RT	"	7.80-8.10	A-2-4(0)	66	29	NP	34.5	36.1	15.3	14	93	72	35
SS-24	16.7 LT	EB1-A SBL	1.09-1.39	A-7-5(18)	12	53	22	9.8	18.7	23.4	48.1	100	96	76