

SOIL AND ROCK TEST RESULTS

PROJECT: 8.180501 R-2206C

COUNTY: LINCLON

SITE DESCRIPTION: BRIDGE ON FORNEY HILL RD. (SR 1373) OVER NC 16

SHEET 12 OF 13
13 OF 14

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	6 RT	B1-B	0.15-0.45	A-4(0)	16	35	NP	100	90.0	38	21.6	49.5	20.7	8.1
SS-2	6 RT	B1-B	1.67-1.97	A-2-4(0)	26	27	NP	94	70	29	41.9	34	16.1	8.1
SS-3	6 RT	B1-B	4.71-5.01	A-2-4(0)	20	31	NP	100	86	26.0	30.9	48.9	12	8.1
SS-4	6 RT	B1-B	9.27-10.57	A-2-4(0)	91	31	NP	100	93	33.0	20	56	17.9	6.1
SS-5	6 RT	EB2-B	1.69-1.99	A-6(6)	15	38	15	100	96	56	12.3	35.8	17.5	34.4
SS-6	6 RT	EB2-B	6.25-6.55	A-4(0)	10	31	NP	96	89	40	19.8	45.7	22.3	12.1
SS-7	6 RT	EB2-B	10.81-11.11	A-4(0)	25	30	NP	100	90	37.0	25.1	45.9	20.9	8.1
SS-8	6 RT	EB1-B	1.65-1.95	A-7-5(13)	12	58	22	100	92	61.0	15.0	30.7	19.9	34.4
SS-9	6 RT	EB1-B	3.17-3.47	A-5(0)	10	42	NP	100	92	61	15	30.7	19.9	34.4
SS-10	6 RT	EB1-B	4.69-4.94	A-2-4(0)	13	32	NP	100	90	30	27.5	49.1	17.3	6.1
SS-11	6.4 LT	EB1-B	12.29-12.59	A-2-4(0)	30	31	NP	96	91	34	16.4	56.8	18.7	8.1
SS-12	6.4 LT	B1-A	1.17-1.97	A-2-4(0)	45	32	NP	94	85	33	25.1	48.1	18.7	8.1
SS-13	6.4 LT	EB2-A	8.69-8.99	A-4(0)	10	39	NP	100	92	42	22	46.1	19.7	12.1
ST-1	6 RT	EB2-B	3.0-3.6	A-4(1)	8	35	8	20.1	44.7	27.2	8	98	90	42
ST-2	6 RT	EB2-B	6.0-6.6	A-2-4(0)	10	32	NP	35.7	32.3	21.9	10.1	100	95	34

Note: Shelby tubes could not be pushed through NW Casing therefore an additional H.S. Auger hole was drilled adjacent to boring EB2-B to attain shelly tubes.