

SUMMARY OF LABORATORY TEST DATA FOR NCDOT

6.529005T/R-2610A(1)

Site 1: Bridge on SBL US 421 over AC&WR
Chatham County, North Carolina

Boring No.	Sample Depth (m)	Sample Type	Natural Moisture Content (%)	AASHTO Class	N Value	Atterberg Limits			Gradation Results							
						L.L.	P.L.	P.I.	Pass #10 Sieve	Pass #40 Sieve	Pass #200 Sieve	Pass #270 Sieve	Coarse Sand (%)	Fine Sand (%)	Silt (%)	Clay (%)
EB1-A	2.59-3.04	SS-1	25.4	A-7-5(12)	19	59	41	18	98	85	63	59	21	19	29	31
EB1-B	2.59-3.04	SS-2	25.0	A-7-5(10)	5	41	31	10	98	94	83	78	6	14	39	41
B1-B	10.21-10.66	SS-3	18.4	A-4(1)	33	37	27	10	96	69	37	32	38	29	31	2
B2-A	7.16-7.61	SS-4	21.6	A-5(4)	19	42	37	5	99	87	65	57	16	26	38	20
B2-B	4.12-4.57	SS-5	27.6	A-5(2)	18	44	35	9	100	87	48	41	20	39	21	20
EB2-A	5.64-6.09	SS-6	N/A	A-2-4(0)	13	34	NP	NP	92	46	24	22	60	17	23	0
EB2-C	1.07-1.52	SS-8	19.9	A-5(1)	31	43	37	6	99	68	44	41	40	18	21	21
EB2-B	1.07-1.52	SS-9	14.0	A-5(18)	24	42	26	16	100	99	97	93	1	5	60	34

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Boring No.	Sample Depth (m)	Sample Type	Natural Moisture Content (%)	AASHTO Class	N Value	Organic Content (%)	pH	Sulfate Content (ppm)
EB2-A	7.16-7.61	SS-7	N/A	N/A	44	29.3	5.06	320
EB2-B	4.12-4.57	SS-10	N/A	N/A	27	11.8	3.65	256

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