SUMMARY OF LABORATORY TEST DATA FOR NCDOT

33295.1.1/B-3847
Bridge No. 63 over Deep River on SR 1850 (Sandy Ridge Rd)
Guilford County, North Carolina

Boring No.	Sample Depth (ft.)	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 (Ret. #60) (%)	Fine Sand (Ret. #270) (%)	Silt (%)	Clay (%)
EB1-A	8.5-10.0	SS-1	29.7	A-6(5)	4	36	23	13	100	86	58	53	24	23	23	30
EB1-A	23.5-25.0	SS-2	17.8	A-2-4(0)	100	17	NP	NP	100	60	21	16	54	30	13	3
B1-A	13.3-14.8	SS-3	16.2	A-2-4(0)	27	25	NP	NP	92	53	17	13	57	29	12	2
B1-B	18.3-19.8	SS-4	19.4	A-2-4(0)	43	26	NP	NP	93	71	19	14	42	43	12	3
EB2-A	8.5-10.0	SS-5	49.1	A-7-6(14)	3	50	31	19	100	98	72	61	8	31	12	49
EB2-A	18.5-20.0	SS-6	16.6	A-3(0)	1	20	NP	NP	100	56	5	4	74	22	3	1
EB2-B	38.5-40.0	SS-7	28.5	A-2-4(0)	17	24	NP	NP	100	83	19	14	36	50	11	3
BANK	0.5-1.0	S-1	23.9	A-6(2)	N/A	38	26	12	100	94	44	31	17	52	10	21
BED	0.0-0.5	S-2	57.9	A-1-b(0)	N/A	N/A	N/A	N/A	95	11	1	1	96	3	0	1

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33295.1.1 / B-3847
Bridge No. 63 over Deep River on SR 1850 (Sandy Ridge Road)
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ROCK TESTING SUMMARY

BORING NO.	SAMPLE NO.	DEPTH	UNCONFINED COMP. STRENGTH (psi)	UNIT WEIGHT (pcf)
B1-A	RS-1	67.6-68.0	1,560	158.8
B1-B	RS-2	42.1-42.5	2,010	155.0
B1-B	RS-3	56.3-56.6	9,670	157.4