

SUMMARY OF LABORATORY TEST DATA FOR NCDOT

8.2572301/B-3504
 Bridge 363 over Caraway Creek on SR 1331
 Randolph 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	3.5-5.0	SS-1	N/A	A-1-a(0)	*	28	22	6	18	12	9	9	39	13	28	20
EB1-B	3.5-5.0	SS-2	32.9	A-4(6)	3	31	23	8	100	99	83	79	4	17	56	23
EB1-B	8.5-10.0	SS-3	N/A	A-1-a(0)	12	23	18	5	19	11	7	6	51	15	20	14
BI-A	8.5-10.0	SS-4	N/A	A-2-t(0)	1	31	25	6	88	51	27	26	60	10	17	13
B2-A	8.5-10.0	SS-5	N/A	A-1-b(0)	15	31	25	6	33	26	18	18	33	15	31	21
B2-B	3.5-5.0	SS-6	33.0	A-4(10)	1	34	24	10	100	100	92	88	0	11	61	28
B2-B	7.1-8.6	SS-7	24.6	A-4(9)	16	36	26	10	99	98	85	82	4	13	50	33
EB2-A	3.5-5.0	SS-8	26.7	A-4(8)	5	32	23	9	97	94	86	82	5	11	57	27
EB2-B	8.5-10.0	SS-9	24.1	A-4(7)	10	36	28	8	99	95	82	79	7	13	48	32
BANK	0.5-1.0	S-1	25.4	A-4(0)	N/A	31	23	8	83	58	39	37	41	15	33	11
BED	0.0-0.5	S-2	N/A	A-1-a(0)	N/A	NP	NP	NP	17	4	1	1	85	8	0	7

GEOSCIENCE GROUP, INC.
 GREENSBORO, NORTH CAROLINA
 PROJECT NUMBER: GR03-0560.GE
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REV. 2/28/00

GEOSCIENCE GROUP, INC.
 GREENSBORO, NORTH CAROLINA

8.2572301(B-3504)
 Bridge 363 over Caraway Creek on SR 1331
 Randolph County, North Carolina

ROCK TESTING SUMMARY

BORING NO.	SAMPLE NO.	DEPTH	UNCONFINED COMP. STRENGTH (psi)	YOUNG'S MODULUS (psi)	POISSON'S RATIO
B1-A	RS-1	25.1-25.7'	3,610		
B2-B	RS-2	16.6-17.2'	4,470		
B2-B	RS-3	25.4-26.0'	7,990		