SUMMARY OF LABORATORY TEST DATA FOR NCDOT

8.2511001 (B-3696)
Bridge 84 over Jones Creek on SR 2579 (Brooks Road)
Rockingham 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	30.8	A-6(4)	3	40	26	14	99	84	50	46	24	30	15	31
EB1-A	18.5-20.0	SS-2	N/A	A-1-b(0)	59	25	NP	NP	85	50	11	9	62	28	9	1
EB1-B	8.5-10.0	SS-3	50.7	A-4(0)	5	27	NP	NP	100	94	43	31	23	47	11	19
EB2-A	3.5-5.0	SS-4	25.2	A-6(1)	3	40	29	11	91	74	41	38	30	28	15	27
EB2-A	13.5-15.0	SS-5	22.6	A-6(3)	7	28	17	11	100	99	52	47	6	47	20	27
EB2-B	8.5-10.0	SS-6	30.2	A-4(0)	4	31	NP	NP	100	98	44	36	13	51	18	18
EB2-B	13.5-15.0	SS-7	30.5	A-4(0)	WOH	23	NP	NP	100	98	42	37	11	52	21	16
BED	0.0-0.5	S-1	N/A	A-1-b(0)	N/A	NP	NP	NP	64	15	1	1	91	7	2	0
BANK	0.0-0.5	S-2	N/A	A-2-4(0)	N/A	23	NP	NP	100	94	16	13	31	57	7	5

GEOSCIENCE GROUP, INC.
GREENSBORO, NORTH CAROLINA

PROJECT NUMBER: GR03-0402.GE
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REV. 2 28 00

PROJECT #: 8.2511001 (B-3696)
COUNTY: Rockingham
DESCRIPTION: Bridge 84 over Jones Creek on SR 2579 (Brooks Road)

	CHANNEL BED MATERIAL		CHANNEL BANK MATERIAL				
SAMPLE #	S-1	SS-2	S-2	SS-3	SS-5	SS-7	
RETAINED #4	16	5	0	0	0	0	
PASSING #10	64	85	100	100	100	100	
PASSING #40	15	50	94	94	99	98	
PASSING #200	1	11	16	43	52	42	
COARSE SAND	91	62	31	23	6	11	
FINE SAND	7	28	57	47	47	52	
SILT	2	9	7	11	20	21	
CLAY	0	1	5	19	27	16	
LL	NP	25	23	27	28	23	
PL	NP	NP	NP	NP	17	NP	
AASHTO CLASSIFICATION	A-1-b(0)	A-1-b(0)	A-2-4(0)	A-4(0)	A-6(3)	A-4(0)	
STATION	17+80	17+46.8	17+85	17+37.4	18+36.7	18+27.5	
OFFSET	20' RT	11.8' LT	20' RT	13.7' RT	11.3' LT	13.7' RT	
DEPTH	0.0-0.5	18.5-20.0	0.0-0.5	8.5-10.0	13.5-15.0	13.5-15.0	