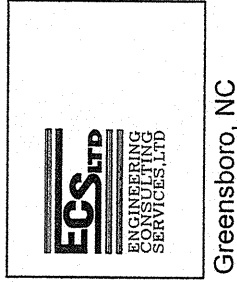


SUMMARY OF LABORATORY TEST DATA FOR NCDOT

Project No. 33405.1.1 (B-4039)
 Bridge 91 on SR 1127 over Silver Creek
 Burke County, North Carolina

Boring No.	Sample Depth (ft)	Sample No.	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	0-1.5	SS-1	23.2	A-5 (2)	13	51	41	10	98	77	43	39	34	27	7	32
EB1-A	13.5-15	SS-2	N/A	A-2-4 (0)	6	NP	NP	NP	98	80	20	17	41	42	13	4
EB1-B	3.5-5	SS-3	N/A	A-2-4 (0)	3	NP	NP	NP	100	95	32	28	21	51	18	10
EB1-B	23.5-25	SS-4	N/A	A-2-4(0)	20	NP	NP	NP	97	64	20	16	52	32	8	8
B1-A	3.5-5	SS-5	39.1	A-4 (1)	3	39	34	5	100	99	47	42	10	48	28	14
B1-A	28.5-30	SS-6	N/A	A-2-5 (0)	10	45	37	8	100	73	25	21	45	34	17	4
B1-B	3.5-5	SS-7	N/A	A-2-7 (0)	2	52	30	22	100	71	14	12	58	30	10	2
B1-B	8.5-10	SS-8	N/A	A-2-4 (0)	6	NP	NP	NP	100	96	31	28	23	49	18	10
EB2-A	3.5-5	SS-9	39.5	A-7-5 (19)	3	59	37	22	100	91	75	72	14	14	21	51
EB2-A	13.5-15	SS-10	N/A	A-1-b(0)	30	NP	NP	NP	56	29	9	8	63	23	11	3
EB2-B	0-1.5	SS-11	18.8	A-7-5 (7)	3	53	37	16	99	84	54	51	25	23	14	38
EB2-B	8.5-10	SS-12	N/A	A-2-4 (0)	3	NP	NP	NP	100	83	16	15	43	42	7	8
Bed	0-1	S-1	NA	A-1-b (0)	N/A	NP	NP	NP	91	21	2	1	89	10	1	0
Bank	0-1	S-2	N/A	A-3(0)	N/A	NP	NP	NP	100	62	9	8	67	25	5	3



Greensboro, NC

PROJECT #: 33405.1.1 (B-4039)
 COUNTY: Burke
 DESCRIPTION: Bridge No.91 on SR 1127 over Silver Creek

SAMPLE #	CHANNEL BED MATERIAL		CHANNEL BANK MATERIAL	
	B1-B (SS-8)	S-1	EB1-B(SS-3)	S-2
RETAINED #4	0	1	0	0
PASSING #10	100	91	100	100
PASSING #40	96	21	95	62
PASSING #200	31	2	32	9
COARSE SAND	23	89	21	67
FINE SAND	49	10	51	25
SILT	18	1	18	5
CLAY	10	0	10	3
LL	NP	NP	NP	NP
PL	NP	NP	NP	NP
AASHTO CLASSIFICATION	A-2-4	A-1-b	A-2-4	A-3
STATION	14+40.0	13+90.0	13+58.0	13+88.0
OFFSET	15.5.0 RT	CL	19.0 RT	10.0 RT
DEPTH	8.5-10	0-1	3.5-5	0-1