

SUMMARY OF LABORATORY TEST DATA

SOIL SPECIMENS FROM STRUCTURE BORINGS

Br. 108 Over Lower Barton's Creek on SR 1834 (Norwood Rd.)
 State Project No. 8.2407901, B-3704
 Wake County, North Carolina

Boring No.	Sample Depth (ft)	Sample No.*	Natural Moisture Content (%)	AASHTO Class (Group Index)	N-Value (bpi)**	Atterberg Limits			Gradation Results					Minus 2.00 mm Fraction		
						L.L.	P.L.	P.I.	Pass #10	Pass #40	Pass #200	Ret. #270	Ret. #60	Coarse Sand (%)	Fine Sand (%)	Silt (%)
EB1-A	1.0 - 2.5	SS-1	-	A-2-4 (0)	11	32	NP	NP	99	82	29	26	35	39	13	13
EB1-A	3.5 - 5.0	SS-2	22.5	A-4 (0)	11	30	NP	NP	96	84	48	43	23	31	32	14
EB1-A	6.0 - 7.5	SS-3	-	A-2-4 (0)	10	31	NP	NP	100	85	33	29	30	41	14	15
EB1-A	8.5 - 10.0	SS-4	-	A-2-4 (0)	11	37	NP	NP	97	84	34	28	29	44	13	16
B1-A	0.0 - 1.5	SS-5	-	A-2-4 (0)	3	22	NP	NP	100	89	14	11	34	54	3	9
B2-A	0.0 - 1.5	SS-6	-	A-3 (0)	21	21	NP	NP	77	62	7	6	62	42	3	4
B2-A	3.1 - 4.6	SS-7	36.3	A-5 (0)	4	47	NP	NP	100	86	46	43	28	29	3	40
B2-A	8.1 - 9.6	SS-8	-	A-1-b (0)	57	23	NP	NP	63	43	13	11	67	35	6	12
B2-B	4.8 - 6.3	SS-9	-	A-1-b (0)	27	16	NP	NP	53	33	6	5	80	27	10	1
B2-B	6.8 - 8.3	SS-10	-	A-2-4 (0)	46	30	NP	NP	98	78	15	15	39	47	0	15
EB2-A	1.0 - 2.5	SS-11	-	A-2-4 (0)	8	34	NP	NP	99	74	22	18	43	39	6	12
EB2-A	3.5 - 5.0	SS-12	28.6	A-5 (0)	9	42	NP	NP	98	85	38	34	30	36	12	23
EB2-A	6.0 - 7.5	SS-13	-	A-2-5 (0)	6	41	NP	NP	92	79	27	23	35	45	0	25
EB2-A	8.5 - 10.0	SS-14	25.6	A-4 (0)	8	40	NP	NP	99	86	41	39	28	34	8	31
EB2-A	13.5 - 15.0	SS-15	-	A-2-4 (0)	13	19	NP	NP	100	90	18	16	46	37	5	12
EB2-A	18.5 - 20.0	SS-16	-	A-2-4 (0)	6	25	NP	NP	100	97	27	22	19	60	6	15
EB2-A	23.5 - 25.0	SS-17	-	A-2-4 (0)	21	29	NP	NP	100	81	14	10	38	52	5	5
EB2-A	33.5 - 35.0	SS-18	-	A-2-4 (0)	85	24	NP	NP	100	82	21	19	58	23	11	8
EB2-B	13.5 - 15.0	SS-19	19.6	A-6 (2)	9	30	19	11	100	99	44	41	14	45	13	28
EB2-B	18.5 - 20.0	SS-20	21.0	A-4 (0)	7	30	NP	NP	100	96	40	37	19	44	12	25
Channel Bed	0.0-0.5	G-1	-	A-3	-	19	NP	NP	100	91	7	5	41	52	5	2
Channel Bed	0.0-0.5	G-2	-	A-1-a	-	18	NP	NP	48	10	1	0	96	3	1	0

SS = Split-Spoon Sample (ASTM-D-1586)

* bpi = Blows per foot

*** S = Bulk Sample; G = Grab Sample

IP = Non-Plastic

TRIGON ENGINEERING CONSULTANTS, INC.
 RALEIGH, NORTH CAROLINA
 Trigon Job Number: 07103015
 Page: 1 of 1