

**State Project No. 33253.1.1**  
**TIP No. B-3714 F.A. No. BRSTP-268 (7)**  
**Bridge No. 83 over Mulberry Creek on NC 268**  
**Wilkes County, North Carolina**  
**SUMMARY OF LABORATORY TEST DATA**

Boring Number	Sample Depth (ft.)	Sample No.*	Natural Moisture Content (%)	AASHTO Class (Group Index)	N-Value (blows/ft.)	Atterberg Limits			Gradation Results							
						L.L.	P.L.	P.I.	Pass #10 Sieve	Pass #40 Sieve	Pass #200 Sieve	Retained #270 Sieve	Coarse Sand (%)	Fine Sand (%)	Silt (%)	Clay (%)
TEB1-C	3.5-5.0	SS-18	-	A-2-4 (0)	10	23	NP	NP	100	98	31	77	14	63	17	6
TEB1-C	13.5-15.0	SS-19	16.4	A-4 (0)	67	34	NP	NP	96	85	42	83	20	45	32	3
TB1-A	1.0-2.5	SS-20	-	A-2-4 (0)	4	23	NP	NP	100	96	22	86	16	70	10	4
TB1-A	21.8-23.3	SS-21	-	A-2-4 (0)	37	29	NP	NP	98	88	33	76	22	54	20	4
TB1-A	56.0-57.5	SS-22	-	A-2-4 (0)	48	28	NP	NP	88	69	24	82	34	46	18	2
TB1-B	3.5-5.0	SS-23	-	A-2-4 (0)	2	24	NP	NP	100	97	19	86	17	69	12	2
TB1-B	8.5-10.0	SS-24	-	A-1-b (0)	18	21	NP	NP	66	42	10	93	54	35	11	0
TB1-B	18.5-20.0	SS-25	16.8	A-4 (0)	73	29	NP	NP	100	94	48	64	14	50	34	2
TEB2-A	3.5-5.0	SS-26	32.5	A-4 (2)	10	35	29	6	100	99	58	51	3	48	27	22
SBD-1	0.0-0.5	G-1	-	A-3 (0)	NA	17	NP	NP	99	88	5	97	38	59	2	1
SBD-2	0.0-0.5	G-2	-	A-3 (0)	NA	20	NP	NP	100	98	4	98	34	64	2	0
SBK-1	0.0-0.5	G-3	-	A-3 (0)	NA	18	NP	NP	100	96	8	95	22	73	5	0

\* SS = Split-Spoon Sample (ASTM-D-1586)  
 \*\* G = Grab Sample  
 \*\*\*ST=Shelby Tube (Undisturbed) Sample  
 NP -- Non Plastic      NA-- Non Applicable

**TRIGON ENGINEERING CONSULTANTS, INC.**  
**GREENSBORO, NORTH CAROLINA**  
**Trigon Job Number: 071-04-040**  
**Page: 1 of 1**