

## SUMMARY OF LABORATORY SOIL CLASSIFICATION TEST DATA

BRIDGE # 145 OVER HAWTREE CREEK ON SR 1333  
 HALIFAX COUNTY, NORTH CAROLINA  
 NCDOT NO. 8.2301001 (B-3182)

TITAN PROJECT NO. 70035064

Boring Number	Lab Sample Number*	Sample Depth (ft.)	AASHTO Class.	N-Value (bpf)	Natural Moisture Content (%)	Atterberg Limits			Gradation Results						
									Classification Sieves			Minus 2.00 mm Fraction			
						L.L.	P.L.	P.I.	Percent Pass #10	Percent Pass #40	Percent Pass #200	Coarse Sand % (Ret. #60)	Fine Sand % (Ret. #270)	Silt % (0.05-0.005mm)	Clay % (<0.005mm)
EB 1-A	SS-1	3.8-5.3	A-4 (5)	4	27.1	28	20	8	99.0	96.0	82.0	4.0	20.6	50.1	25.3
EB 1-B	S-2	0-5.5'	A-4 (0)	NM	22.7	24	17	7	89.0	75.0	46.0	27.9	26.1	23.7	22.4
B 1-A	SS-3	0-1.5'	A-2-4 (0)	4	16.5	25	19	6	69.0	46.0	26.0	45.4	20.9	16.9	16.9
EB 2-A	SS-4	8-10.5'	A-6 (7)	10	25.2	32	19	13	99.0	97.0	70.0	5.1	34.3	33.9	26.7
Creek Bed	S-2	Creek Bed	A-4 (3)	NM	NM	25	18	7	100.0	99.0	77.0	3.4	27.7	48.7	20.2
Creek Bank	S-3	Creek Bank	A-4 (0)	NM	NM	28	24	4	100.0	89.0	43.0	23.9	38.4	30.9	6.8

**NOTES:**

\* SS = Split-spoon sample (ASTM D 1586)  
 NM=Not Measured

Atterberg Limits Test Methods - AASHTO T 88-94 and T 90-94  
 Grain Size Test Results Test Method - AASHTO T-88-93

