



COBBLES	GRAVEL	SAND		SILT	CLAY
		coarse	fine		

COBBLES	GRAVEL	SAND		SILT	CLAY
		coarse	fine		

AS DEFINED BY NCDOT		Fine Sand	< 0.25 mm and > 0.053 mm
Gravel	< 75 mm and > 2.00 mm	Silt	< 0.053 mm and > 0.005 mm
Coarse Sand	< 2.00 mm and > 0.25 mm	Clay	< 0.005 mm

AS DEFINED BY NCDOT		Fine Sand	< 0.25 mm and > 0.053 mm
Gravel	< 75 mm and > 2.00 mm	Silt	< 0.053 mm and > 0.005 mm
Coarse Sand	< 2.00 mm and > 0.25 mm	Clay	< 0.005 mm

Test Boring: **B2-A** Station: 17+78 -L- Offset: 8.0 ft LT Depth: 0.00 - 1.50 ft
 Sample: **SS-7** Tan Fine to Coarse Sand (A-1-b)(0) with Trace of Clay and Gravel
 Soil Description:

Test Boring: **B3-B** Station: 18+18 -L- Offset: 8.0 ft RT Depth: 0.00 - 1.50 ft
 Sample: **SS-11** Tan Fine to Coarse Sand (A-3)(0) with Trace of Clay
 Soil Description:

Moisture Content:	NM	SOIL MORTAR	TOTAL SAMPLE	Liquid Limit:	18
Specific Gravity:	2.65	Coarse Sand:	88	Plastic Limit:	NP
Cc	0.81	Fine Sand:	10	Plasticity Index:	NP
Cu	2.74	Silt:	0	% Passing #270:	2
D ₉₀	3.987	Clay:	2	% Organic Content:	NM
D ₅₀	0.526				

Moisture Content:	NM	SOIL MORTAR	TOTAL SAMPLE	Liquid Limit:	17
Specific Gravity:	2.65	Coarse Sand:	85	Plastic Limit:	NP
Cc	1.01	Fine Sand:	13	Plasticity Index:	NP
Cu	2.44	Silt:	0	% Passing #270:	2
D ₉₀	0.787	Clay:	2	% Organic Content:	NM
D ₅₀	0.407				

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GRAIN SIZE DISTRIBUTION
 Bridge 106 over Black River on S.R. 1780

TIP No. B-4139 STATE PROJECT NO. 8.2451201
 FEDERAL I.D. NO. BRSTP-1780(1)
 HARNETT COUNTY, NORTH CAROLINA

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