



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

Test Boring: **EB2-A** Station: 18+58 -L- Offset: 8.0 ft LT Depth: 6.70 - 8.20 ft
 Sample: **SS-12** Dark Gray Coarse to Fine Sandy Silty Clay (A-6)(7) with Little Organic Matter
 Soil Description:

Moisture Content: 45.8		SOIL MORTAR	TOTAL SAMPLE	Liquid Limit: 36
Specific Gravity: 2.65	Coarse Sand: 12		13	Plastic Limit: 23
Cc	Fine Sand: 29		28	Plasticity Index: 13
Cu	Silt: 38		38	% Passing #270: 58
D ₉₀ 0.325 D ₅₀ 0.033	Clay: 21		20	% Organic Content: 9.9

S&ME
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 ENVIRONMENTAL SERVICES

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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