

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: **EB1-A** Station: 16+80 -L- Offset: 8.0 ft LT Depth: 8.80 - 10.30 ft
 Sample: **SS-2** Gray Fine to Coarse Sand (A-2-4)(0) with Trace of Silt and Clay
 Soil Description:

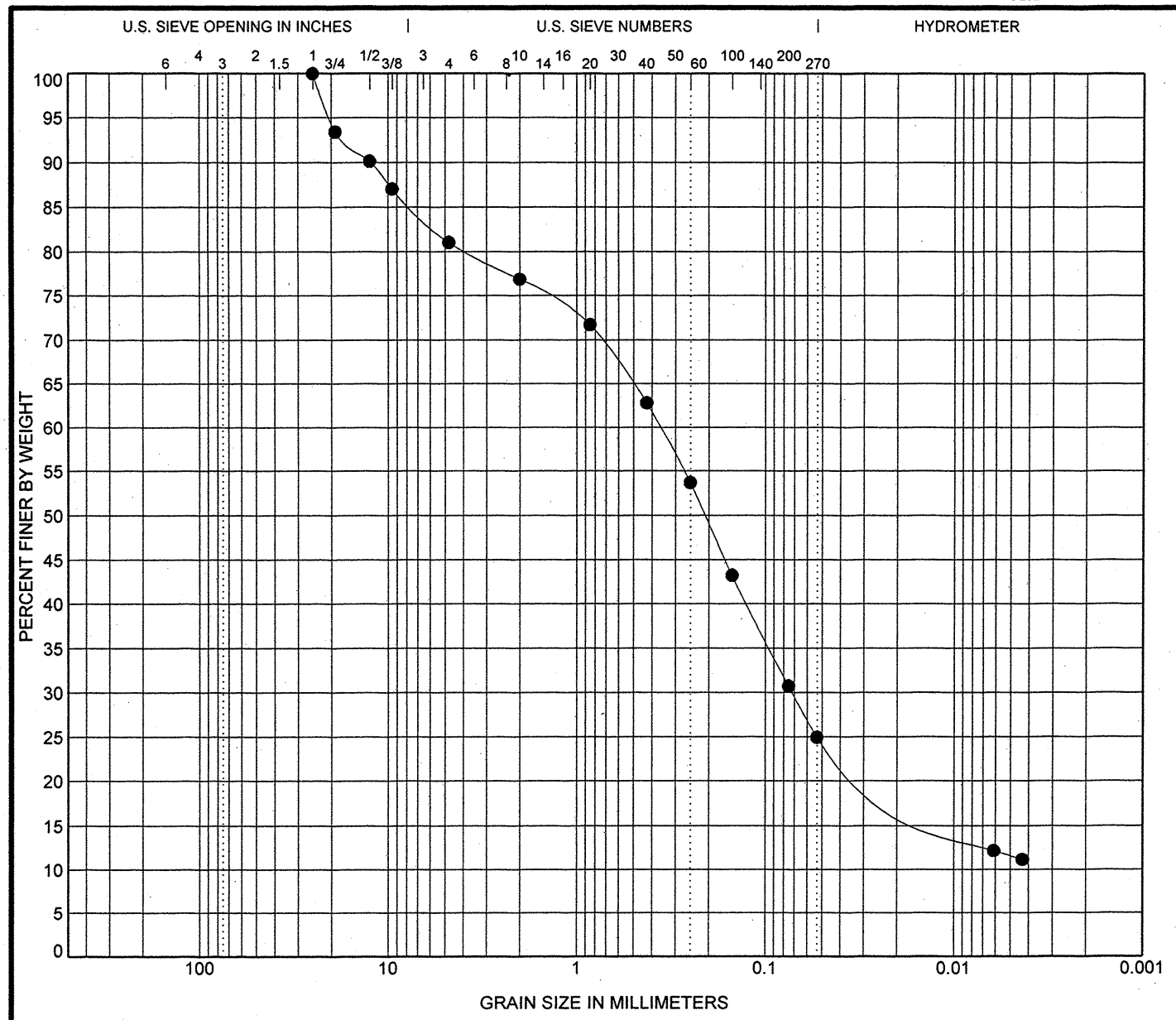
Moisture Content: NM	SOIL MORTAR	TOTAL SAMPLE	Liquid Limit: 10
Specific Gravity: 2.65	Coarse Sand: 53	53	Plastic Limit: NP
Cc 18.11	Fine Sand: 32	33	Plasticity Index: NP
Cu 59.23	Silt: 5	4	% Passing #270: 14
D ₉₀ 0.509 D ₅₀ 0.261	Clay: 10	10	% Organic Content: NM

S&ME 3109 Spring Forest Rd
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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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		coarse	fine		

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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: **B1-B** Station: 17+28 -L- Offset: 9.0 ft RT Depth: 0.00 - 1.50 ft
 Sample: **SS-3** Gray Coarse to Fine Sand (A-2-4)(0) with Little Silt and Clay and Trace of Gravel
 Soil Description:

Moisture Content: NM	SOIL MORTAR	TOTAL SAMPLE	Liquid Limit: 18
Specific Gravity: 2.65	Coarse Sand: 30	23	Plastic Limit: 14
Cc	Fine Sand: 37	29	Plasticity Index: 4
Cu	Silt: 18	13	% Passing #270: 25
D ₉₀ 12.3 D ₅₀ 0.208	Clay: 15	12	% Organic Content: NM

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