

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-B** Station: 23+31.7 Offset: 15.9 ft RT Depth: 3.6 - 5.1 ft
 Soil Description: **GRAY SLIGHTLY FINE SANDY SILTY CLAY**
A-6 (13)

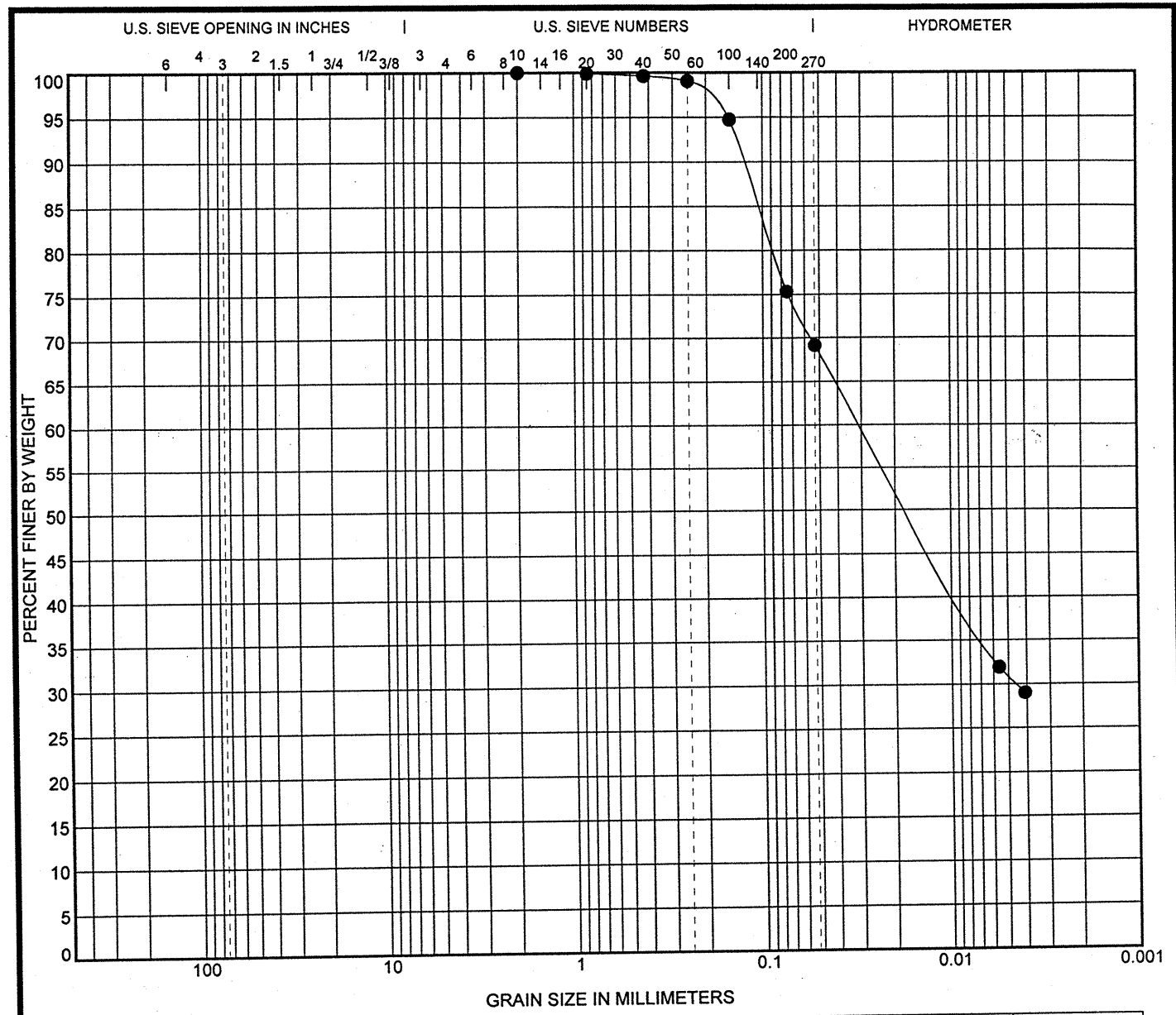
Moisture Content:	35.5	SOIL MORTAR	TOTAL SAMPLE	Liquid Limit:	36
Specific Gravity:	2.65	Coarse Sand:	3	Plastic Limit:	23
		Fine Sand:	7	Plasticity Index:	13
		Silt:	73	% Passing #270:	91
		Clay:	17	% Organic Content:	NM
Maximum Particle Size:	2				

S&ME
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3109 Spring Forest Rd
 Raleigh, NC 27616
 (919) 872-2660
 (919) 876-3958 fax
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GRAIN SIZE DISTRIBUTION

Replacement of Bridge No. 7 on N.C. 615 Over
 Corey's Ditch
 TIP No. B-3445 STATE PROJECT NO. 8.1040601
 FEDERAL I.D. NO.
 CURRITUCK 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: **EB1-B** Station: 23+31.7 Offset: 15.9 ft RT Depth: 8.6 - 10.1 ft
 Soil Description: **GRAY FINE SANDY CLAYEY SILT W/ TRACE OF ORGANIC MATTER**
A-4 (3)

Moisture Content:	19.8	SOIL MORTAR	TOTAL SAMPLE	Liquid Limit:	23
Specific Gravity:	2.65	Coarse Sand:	1	Plastic Limit:	15
		Fine Sand:	30	Plasticity Index:	8
		Silt:	38	% Passing #270:	69
		Clay:	31	% Organic Content:	3
Maximum Particle Size:	2				

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