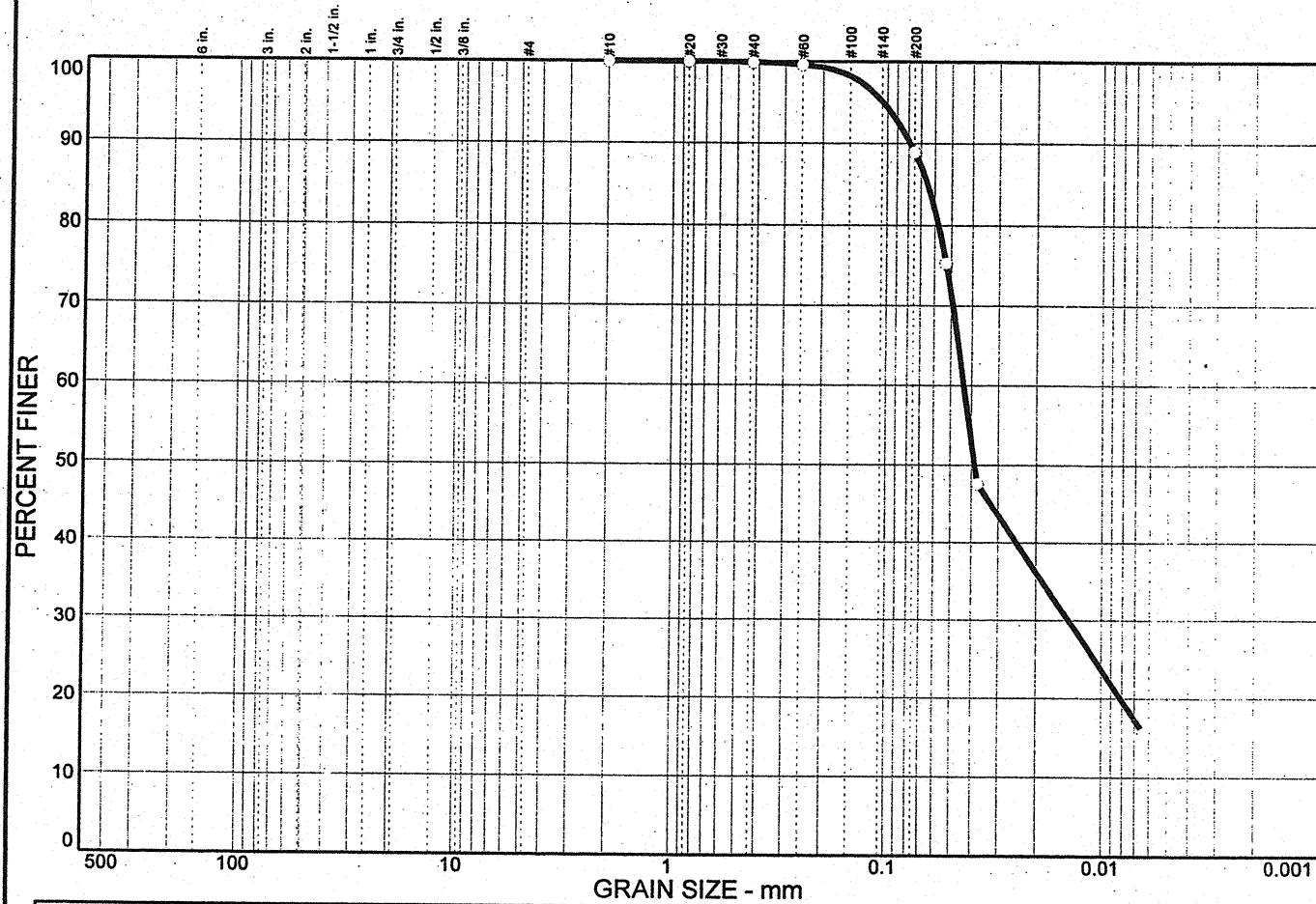


Particle Size Distribution Report



% COBBLES	% GRAVEL	% SAND	% SILT	% CLAY
0.0	0.0	24.7	75.3	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
#10	100.0		
#20	100.0		
#40	99.9		
#60	99.6		
#200	88.9		
#270	75.3		

Soil Description

PL= 30 **Atterberg Limits** LL= 35 PI= 5

Coefficients

D₈₅= 0.0652 D₆₀= 0.0435 D₅₀= 0.0386
 D₃₀= 0.0142 C_c= D₁₀=
 C_u=

Classification

USCS= ND AASHTO= A-4(6)

Remarks

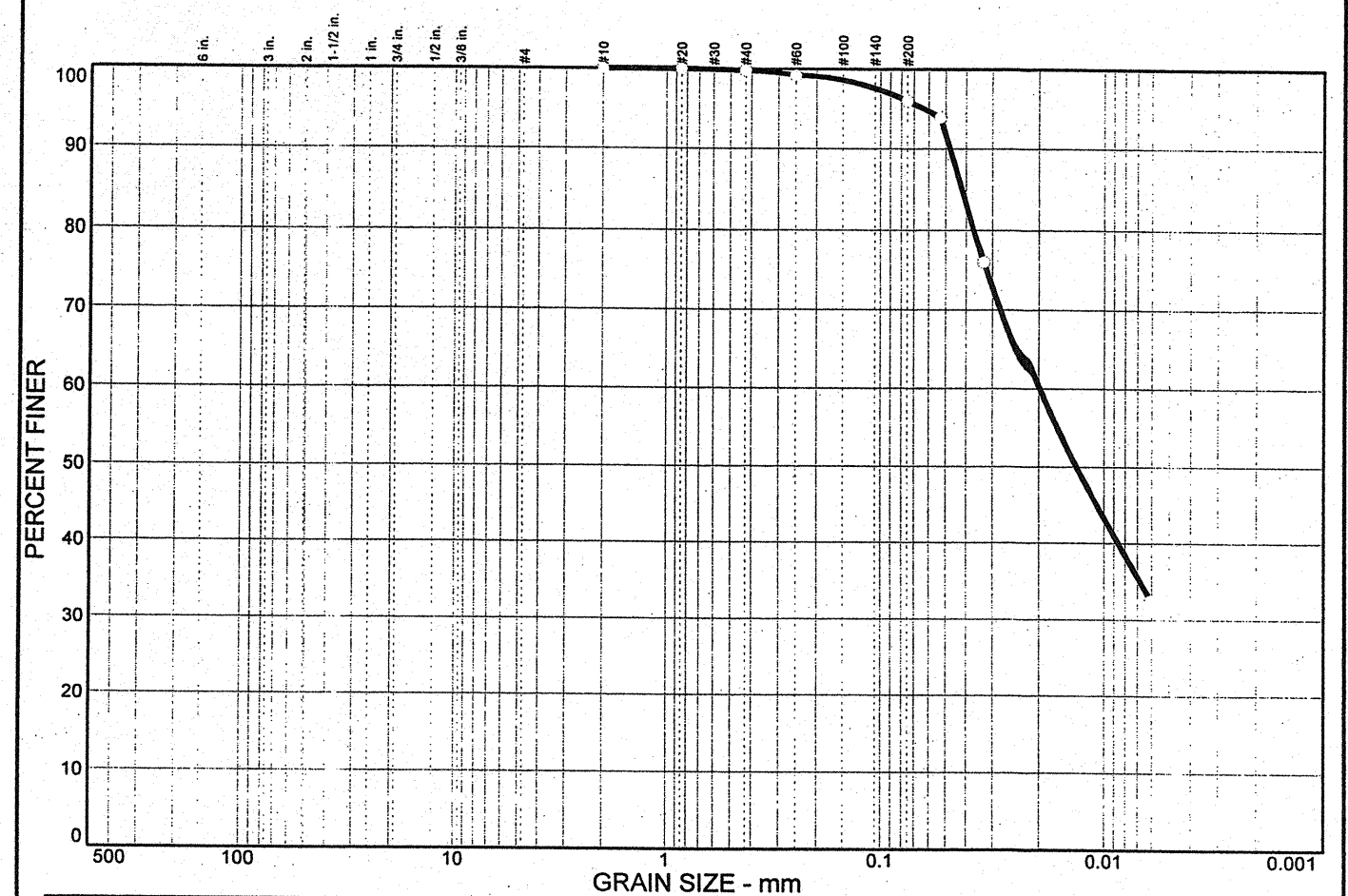
ND=NOT DETERMINED
 SPECIFIC GRAVITY IS ASSUMED

* (no specification provided)

Sample No.: SS-9 Source of Sample: Date: 1/12/04
 Location: B-1 SS-9 Elev./Depth: 46.8-48.3'

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	Project No: 6468-03-0470 Plate

Particle Size Distribution Report



% COBBLES	% GRAVEL	% SAND	% SILT	% CLAY
0.0	0.0	6.1	93.9	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
#10	100.0		
#20	100.0		
#40	99.8		
#60	99.2		
#200	96.0		
#270	93.9		

Soil Description

PL= 30 **Atterberg Limits** LL= 59 PI= 29

Coefficients

D₈₅= 0.0420 D₆₀= 0.0198 D₅₀= 0.0134
 D₃₀= D₁₅= D₁₀=
 C_u= C_c=

Classification

USCS= ND AASHTO= A-7-5(33)

Remarks

ND=NOT DETERMINED
 SPECIFIC GRAVITY IS ASSUMED

* (no specification provided)

Sample No.: SS-10 Source of Sample: Date: 1/12/04
 Location: B-1 SS-10 Elev./Depth: 66.8-68.3'

MACTEC ENGINEERING & CONSULTING, INC.	Client: NCDOT Project: Currituck and Knott's Island Ferry Basins
	Project No: 6468-03-0470 Plate