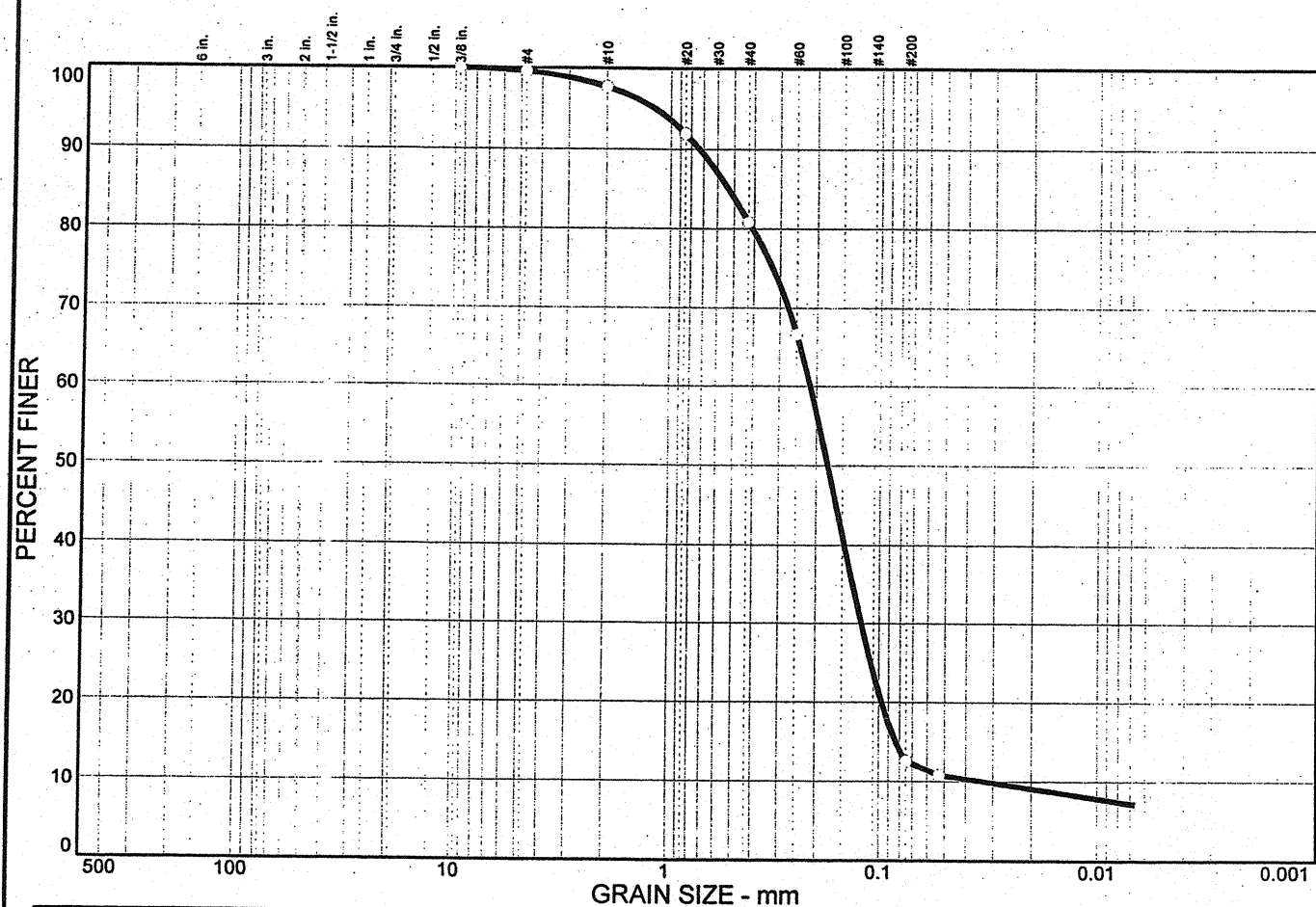


Particle Size Distribution Report



% COBBLES	% GRAVEL	% SAND	% SILT	% CLAY
0.0	2.3	86.9	10.8	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
.375 in.	100.0		
#4	99.6		
#10	97.7		
#20	91.9		
#40	80.8		
#60	66.6		
#200	12.6		
#270	10.8		

Soil Description

PL= NP **Atterberg Limits** PI= NP
 LL= 14

Coefficients
 D₈₅= 0.533 D₆₀= 0.215 D₅₀= 0.176
 D₃₀= 0.121 D₁₅= 0.0836 D₁₀= 0.0338
 C_u= 6.35 C_c= 2.03

Classification
 USCS= ND AASHTO= A-2-4(0)

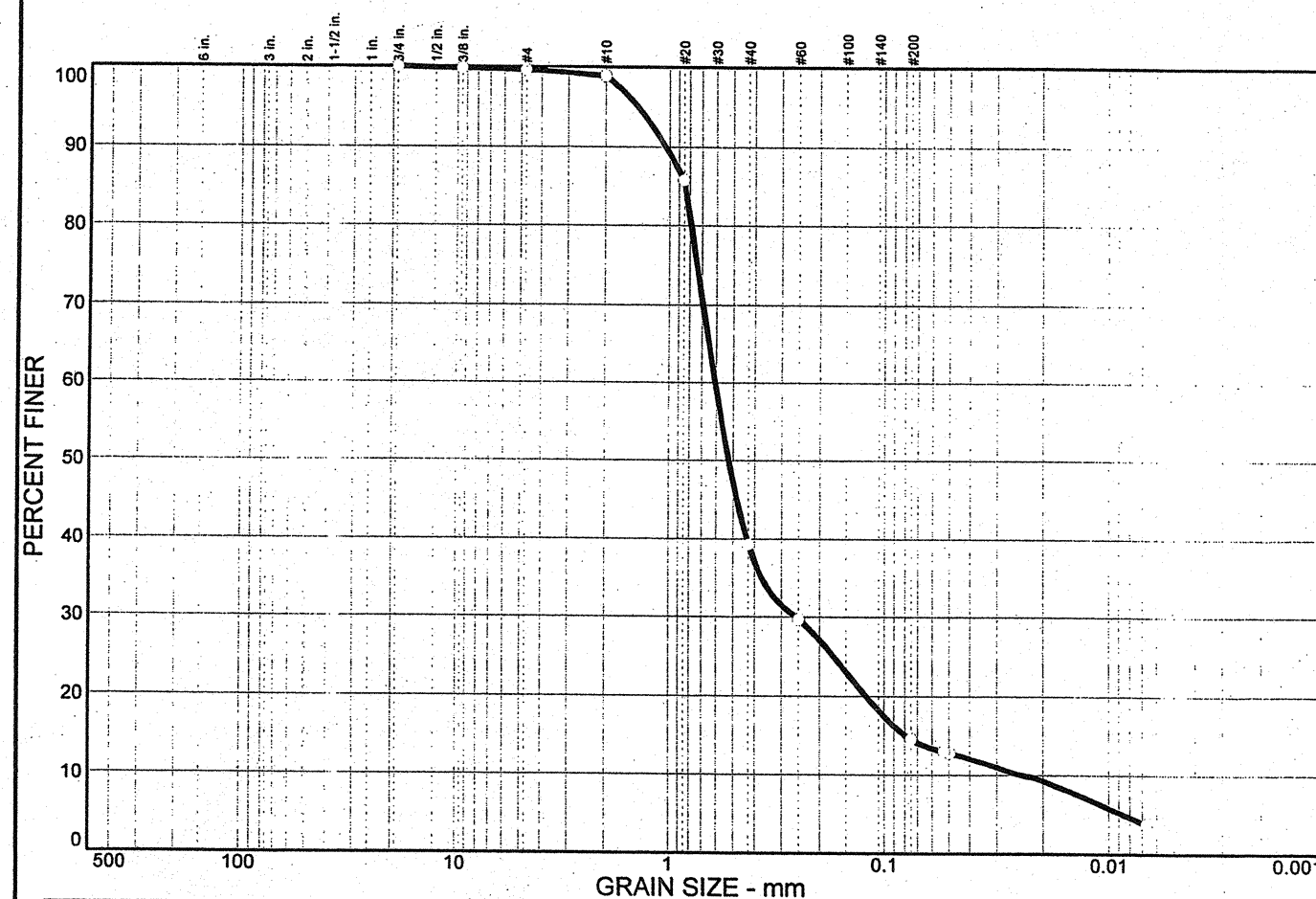
Remarks
 NP=NON-PLASTIC, ND=NOT DETERMINED
 SPECIFIC GRAVITY IS ASSUMED

* (no specification provided)

Sample No.: SS-29 Source of Sample: Date: 1/12/04
 Location: BH-3 SS-29 Elev./Depth: 32.2-33.7'

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

Particle Size Distribution Report



% COBBLES	% GRAVEL	% SAND	% SILT	% CLAY
0.0	1.1	85.9	13.0	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
.75 in.	100.0		
.375 in.	99.8		
#4	99.6		
#10	98.9		
#20	85.8		
#40	39.3		
#60	29.7		
#200	14.6		
#270	13.0		

Soil Description

PL= NP **Atterberg Limits** PI= NP
 LL= 22

Coefficients
 D₈₅= 0.841 D₆₀= 0.608 D₅₀= 0.524
 D₃₀= 0.258 D₁₅= 0.0789 D₁₀= 0.0237
 C_u= 25.69 C_c= 4.62

Classification
 USCS= SM AASHTO= A-1-b

Remarks
 NP=NON-PLASTIC, ND=NOT DETERMINED
 SPECIFIC GRAVITY IS ASSUMED

* (no specification provided)

Sample No.: SS-30 Source of Sample: Date: 1/12/04
 Location: BH-4 SS-30 Elev./Depth: 3.5-5.0'

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