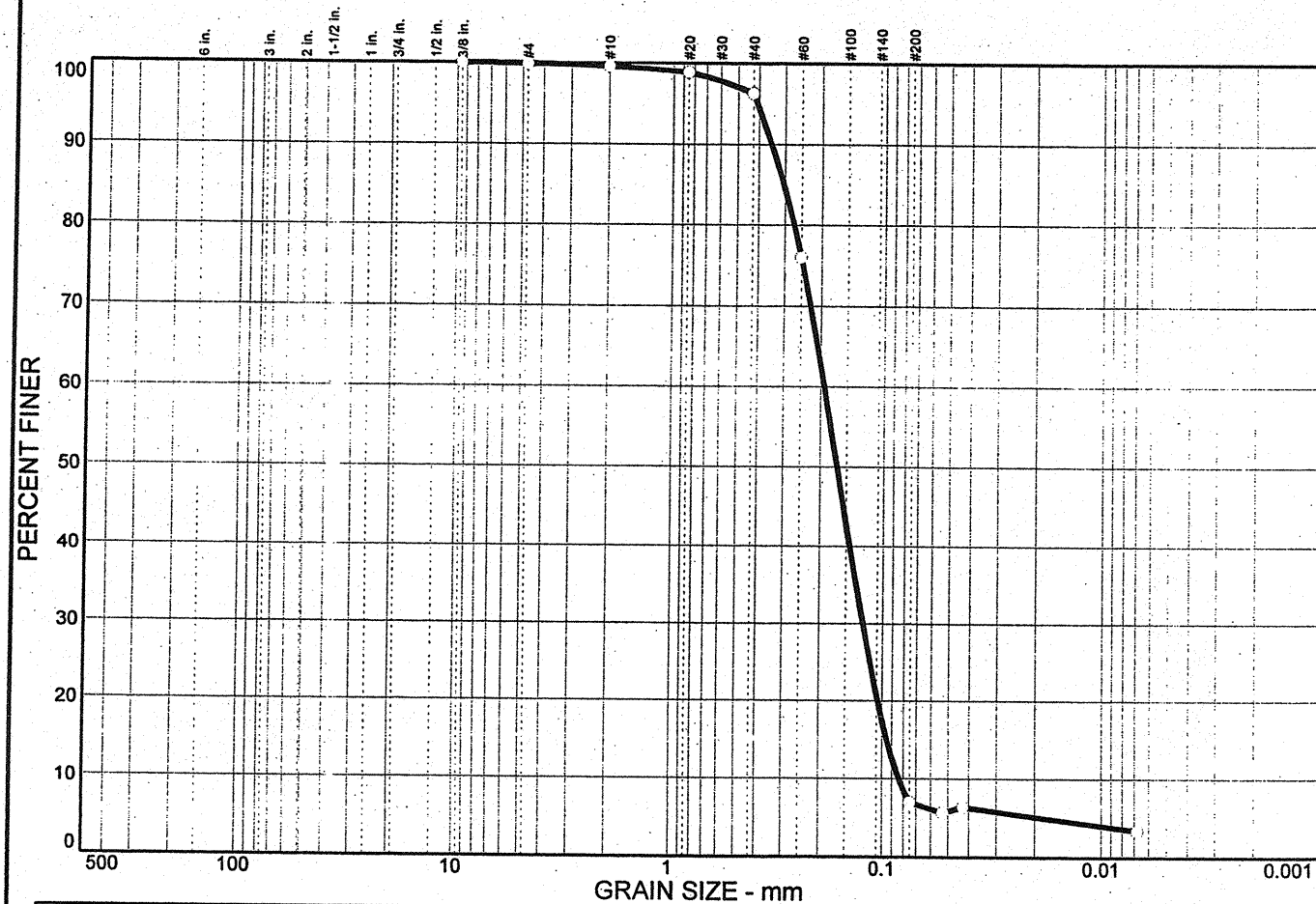


Particle Size Distribution Report



% COBBLES	% GRAVEL	% SAND	% SILT	% CLAY
0.0	0.4	93.9	5.7	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
.375 in.	100.0		
#4	99.9		
#10	99.6		
#20	98.9		
#40	96.3		
#60	75.9		
#200	7.0		
#270	5.7		

Soil Description

PL= NP **Atterberg Limits** PI= NP
 LL= 21

Coefficients

D₈₅= 0.305 D₆₀= 0.193 D₅₀= 0.167
 D₃₀= 0.124 D₁₅= 0.0953 D₁₀= 0.0840
 C_u= 2.29 C_c= 0.96

Classification

USCS= ND AASHTO= A-3

Remarks

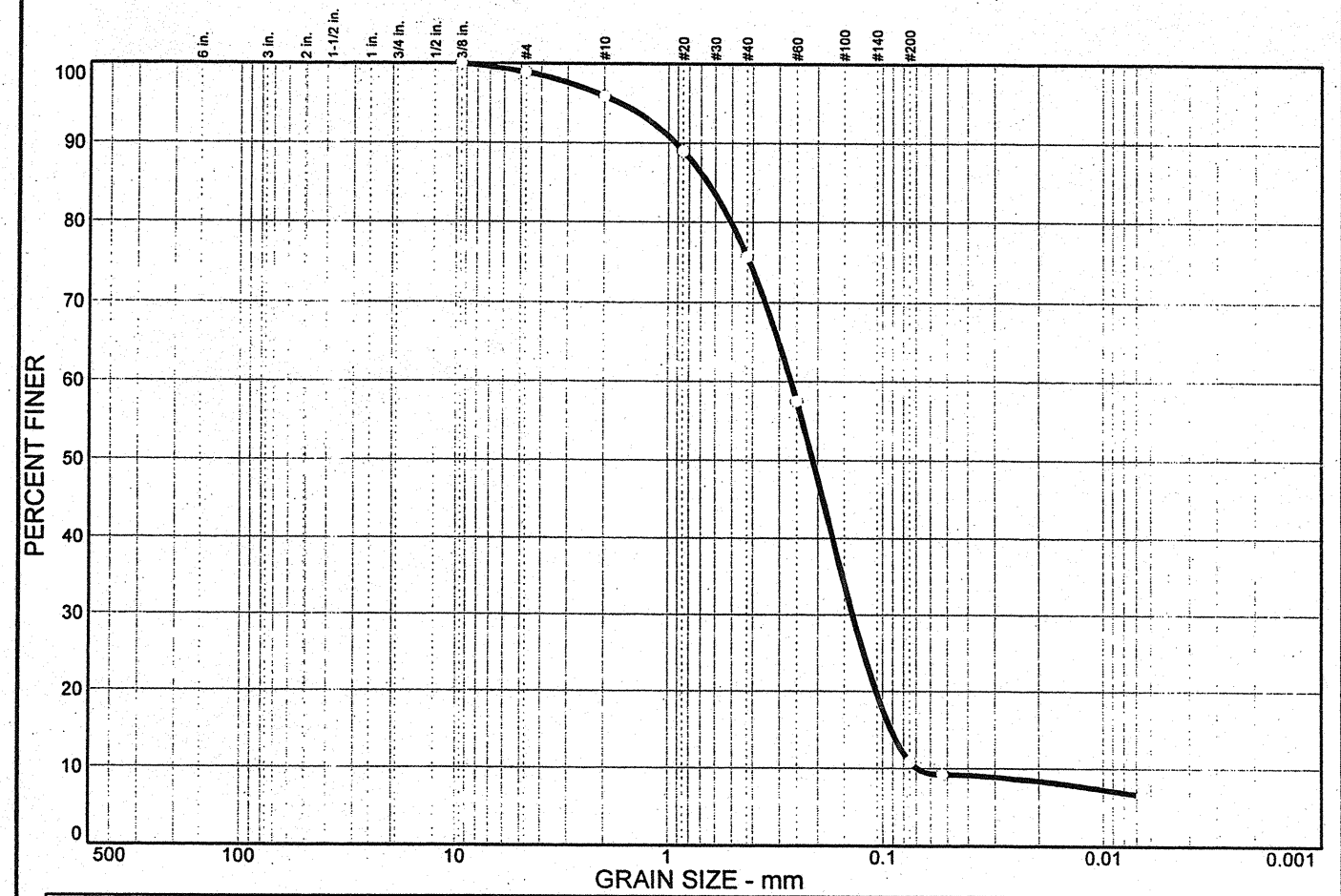
NP=NON-PLASTIC, ND=NOT DETERMINED
 SPECIFIC GRAVITY IS ASSUMED

* (no specification provided)

Sample No.: SS-5 Source of Sample: Date: 1/12/04
 Location: B-1 SS-5 Elev./Depth: 21.8-23.5

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	Project No: 6468-03-0470 Plate

Particle Size Distribution Report



% COBBLES	% GRAVEL	% SAND	% SILT	% CLAY
0.0	4.1	86.7	9.2	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
.375 in.	100.0		
#4	98.9		
#10	95.9		
#20	89.0		
#40	75.6		
#60	57.5		
#200	10.8		
#270	9.2		

Soil Description

PL= NP **Atterberg Limits** PI= NP
 LL= 19

Coefficients

D₈₅= 0.652 D₆₀= 0.266 D₅₀= 0.211
 D₃₀= 0.137 D₁₅= 0.0917 D₁₀= 0.0697
 C_u= 3.81 C_c= 1.02

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-6 Source of Sample: Date: 1/12/04
 Location: B-1 SS-6 Elev./Depth: 26.8-28.3'

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