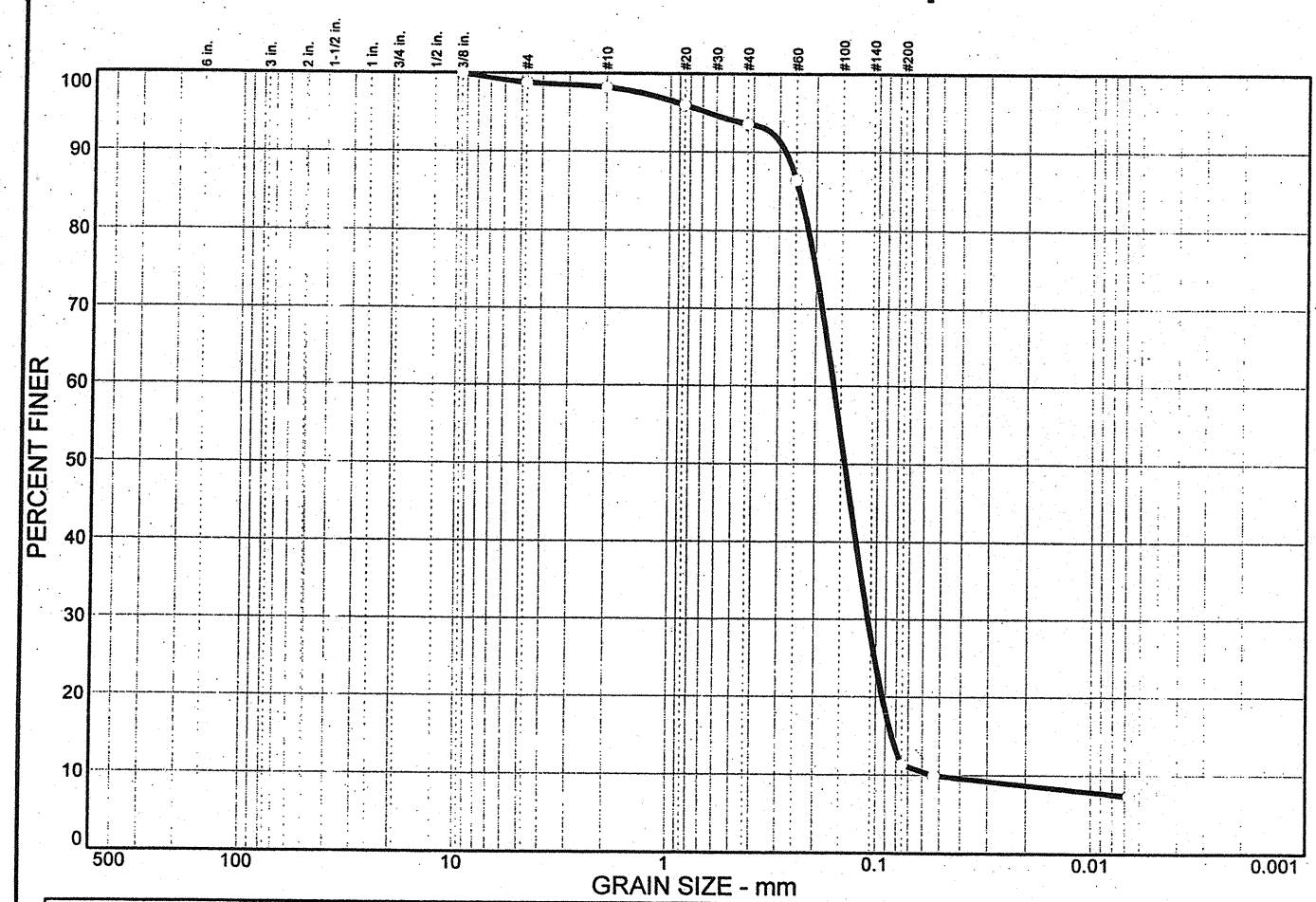


Particle Size Distribution Report



% COBBLES	% GRAVEL	% SAND	% SILT	% CLAY
0.0	1.8	88.3	9.9	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
.375 in.	100.0		
#4	98.8		
#10	98.2		
#20	96.0		
#40	93.6		
#60	86.4		
#200	11.3		
#270	9.9		

Soil Description

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

Coefficients

D₈₅= 0.242 D₆₀= 0.163 D₅₀= 0.143
 D₃₀= 0.110 D₁₅= 0.0841 D₁₀= 0.0543
 C_u= 3.00 C_c= 1.36

Classification

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

Remarks

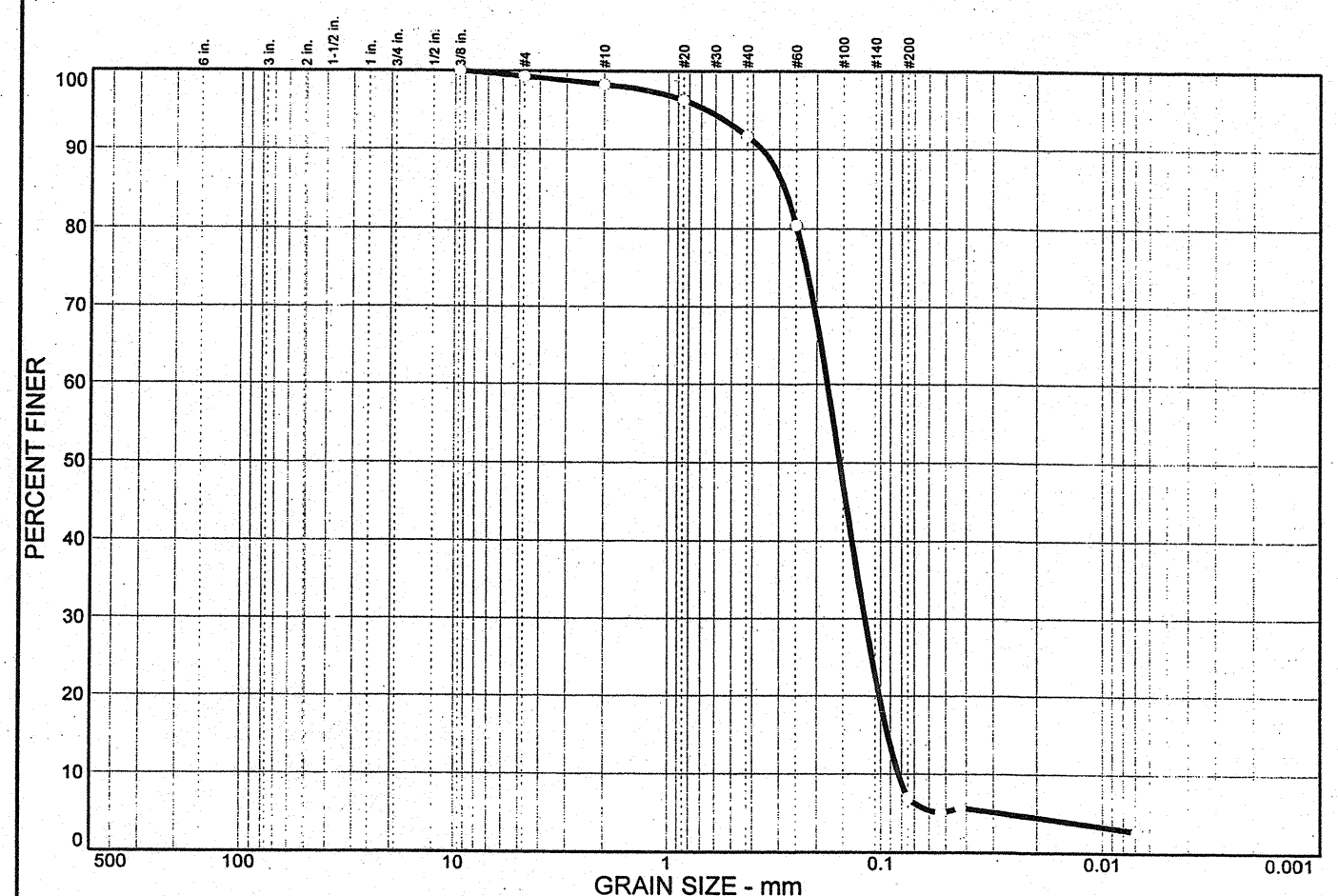
NP=NON-PLASTIC, ND=NOT DETERMINED
 SPECIFIC GRAVITY IS ASSUMED

* (no specification provided)

Sample No.: SS-3 Source of Sample: Date: 1/12/04
 Location: B-1 SS-3 Elev./Depth: 6.8-8.3'

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	1.7	93.2	5.1	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
.375 in.	100.0		
#4	99.3		
#10	98.3		
#20	96.3		
#40	91.7		
#60	80.4		
#200	6.9		
#270	5.1		

Soil Description

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

Coefficients

D₈₅= 0.284 D₆₀= 0.178 D₅₀= 0.155
 D₃₀= 0.118 D₁₅= 0.0929 D₁₀= 0.0830
 C_u= 2.14 C_c= 0.95

Classification

USCS= ND AASHTO= A-3

Remarks

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

* (no specification provided)

Sample No.: SS-4 Source of Sample: Date: 1/12/04
 Location: B-1 SS-4 Elev./Depth: 11.8-13.3'

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