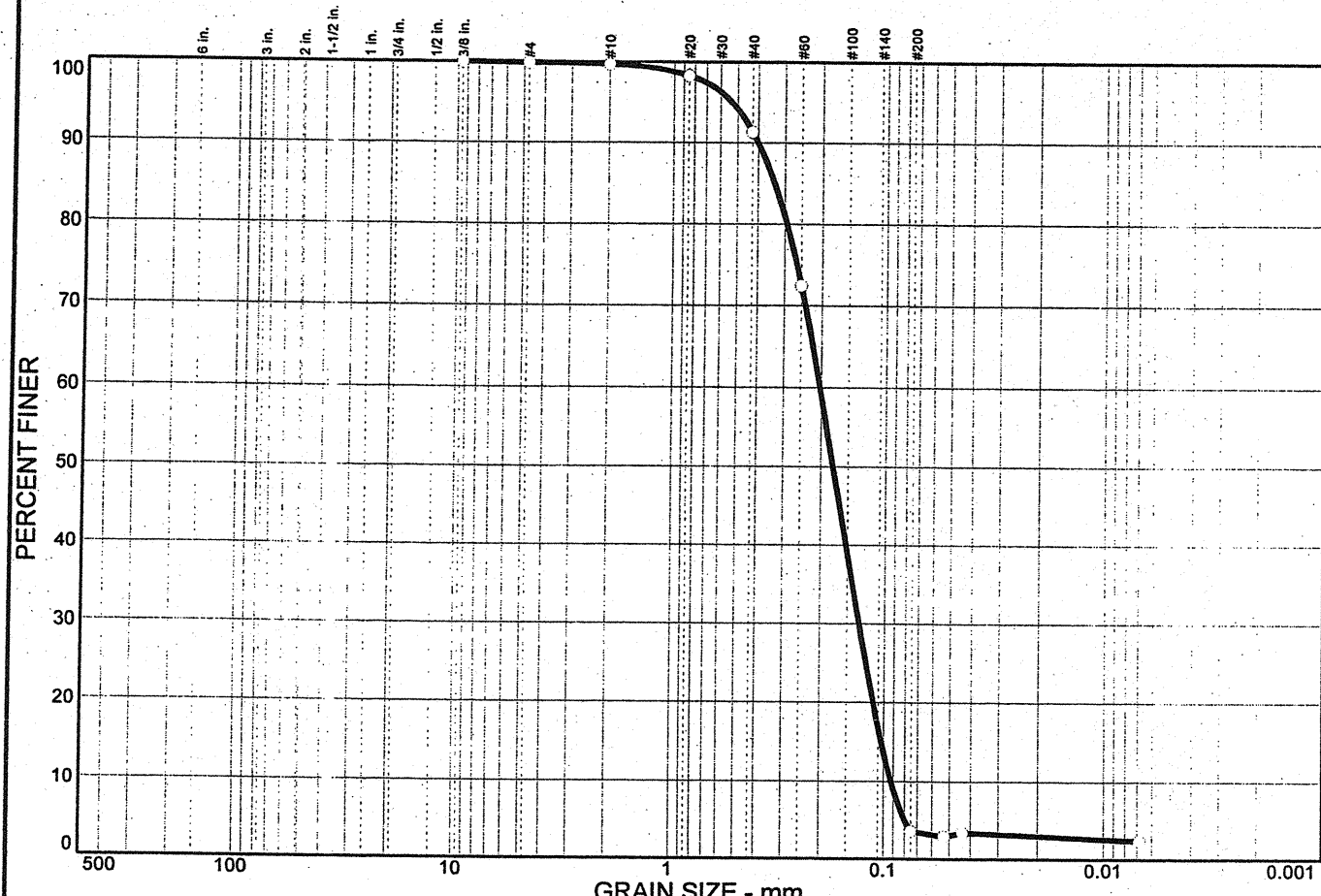


Particle Size Distribution Report



% COBBLES	% GRAVEL	% SAND	% SILT	% CLAY
0.0	0.3	96.8	2.9	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
.375 in.	100.0		
#4	99.9		
#10	99.7		
#20	98.3		
#40	91.3		
#60	72.4		
#200	3.6		
#270	2.9		

Soil Description

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

Coefficients

D₈₅= 0.336 D₆₀= 0.204 D₅₀= 0.176
 D₃₀= 0.132 D₁₅= 0.103 D₁₀= 0.0926
 C_u= 2.20 C_c= 0.92

Classification

USCS= ND AASHTO= A-3

Remarks

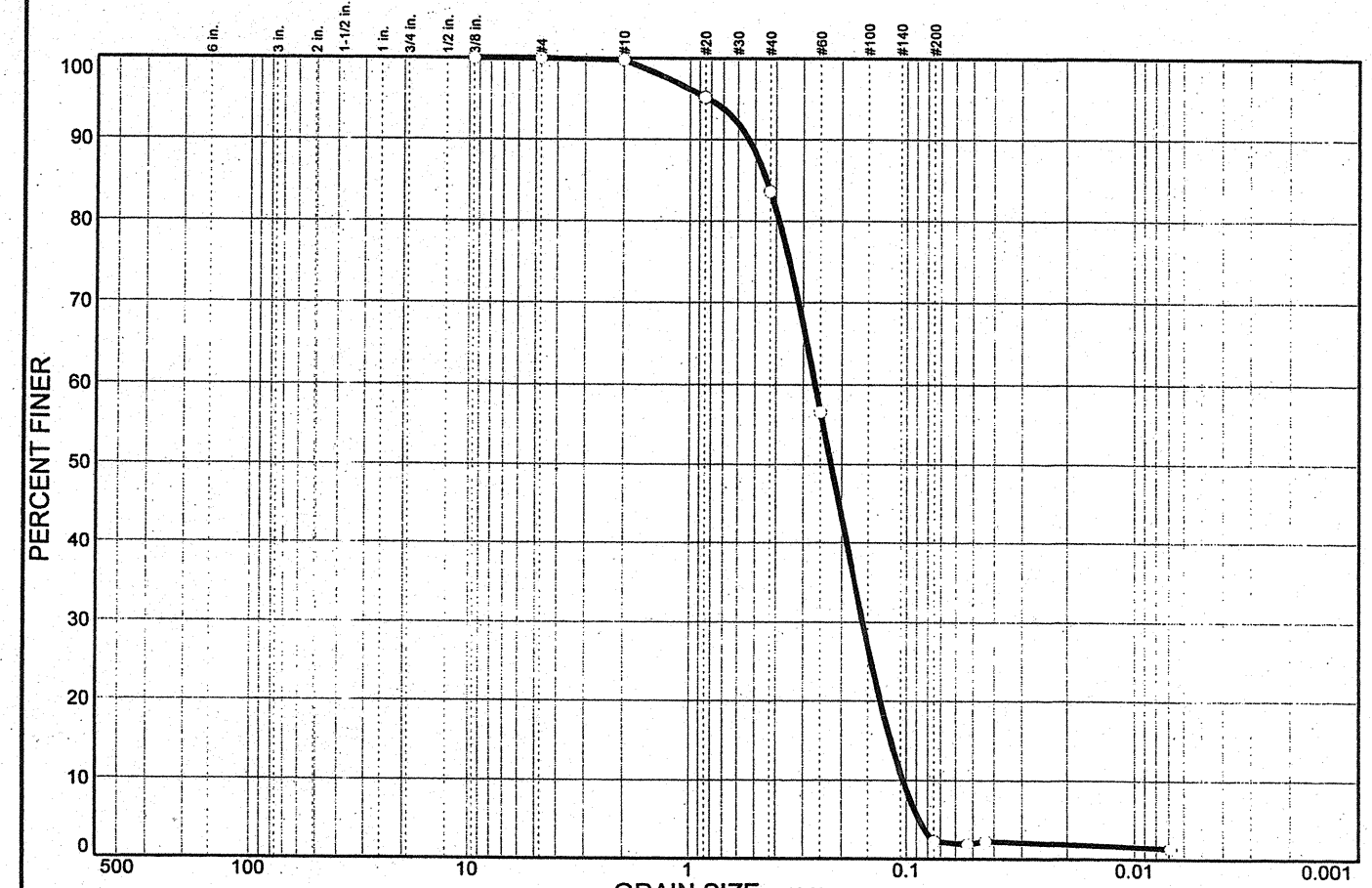
NP=NON-PLASTIC, ND=NOT DETERMINED
 SPECIFIC GRAVITY IS ASSUMED

* (no specification provided)

Sample No.: SS-1 Source of Sample: Date: 1/12/04
 Location: B-1 SS-1 Elev./Depth: 0.0-1.5

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	0.2	97.9	1.9	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
.375 in.	100.0		
#4	100.0		
#10	99.8		
#20	95.2		
#40	83.6		
#60	56.6		
#200	2.3		
#270	1.9		

Soil Description

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

Coefficients

D₈₅= 0.443 D₆₀= 0.265 D₅₀= 0.224
 D₃₀= 0.159 D₁₅= 0.118 D₁₀= 0.103
 C_u= 2.56 C_c= 0.92

Classification

USCS= ND AASHTO= A-3

Remarks

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

* (no specification provided)

Sample No.: SS-2 Source of Sample: Date: 1/12/04
 Location: B-1 SS-2 Elev./Depth: 3.3-4.8'

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