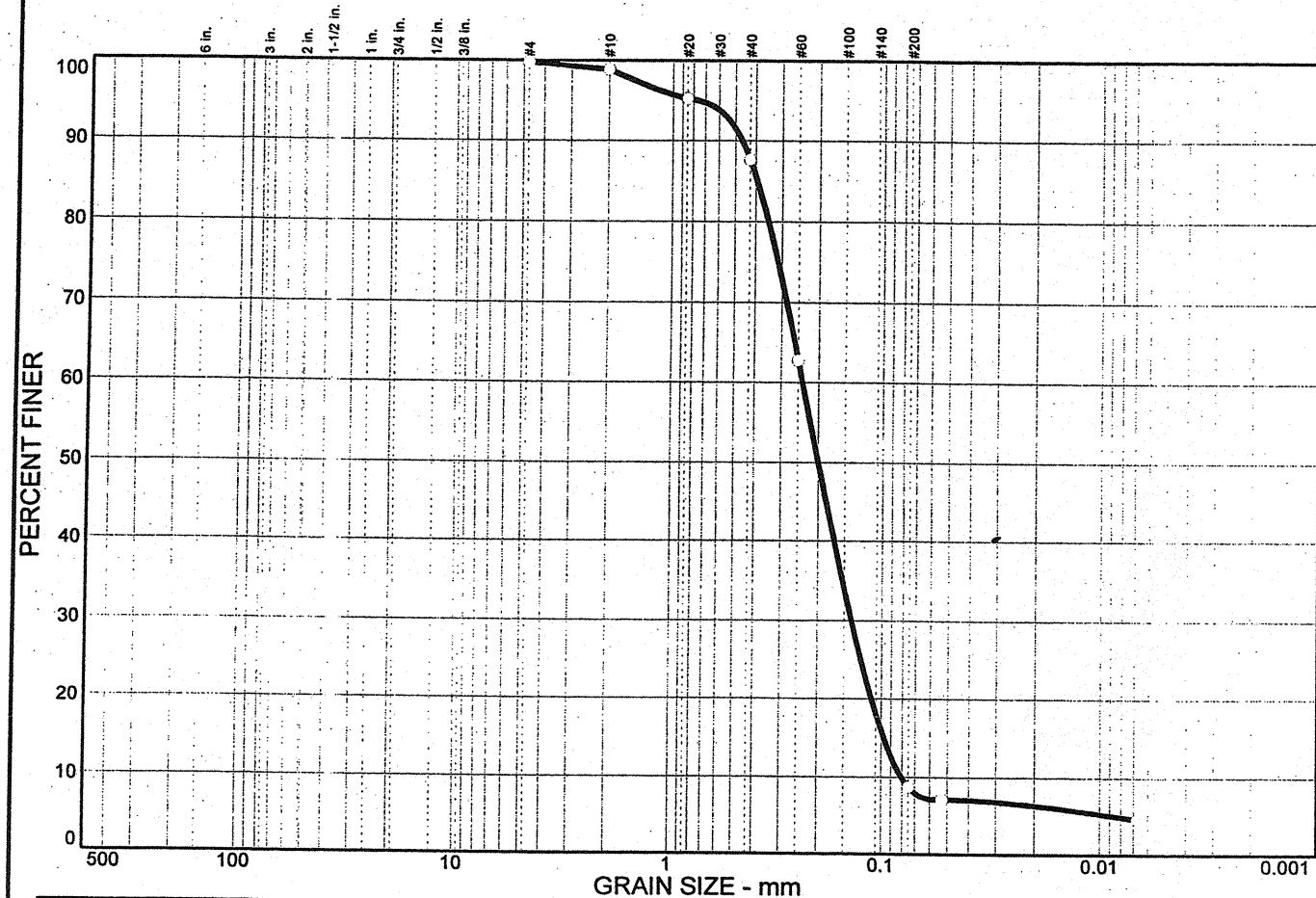


Particle Size Distribution Report



% COBBLES	% GRAVEL	% SAND	% SILT	% CLAY
		91.8	7.1	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
#4	99.8		
#10	98.9		
#20	95.3		
#40	87.6		
#60	62.7		
#200	8.7		
#270	7.1		

Soil Description

PL= NP **Atterberg Limits** PI= NP
 LL= 16

Coefficients
 D₈₅= 0.393 D₆₀= 0.238 D₅₀= 0.200
 D₃₀= 0.139 D₁₅= 0.0975 D₁₀= 0.0809
 C_u= 2.95 C_c= 1.00

Classification
 USCS= ND AASHTO= A-3

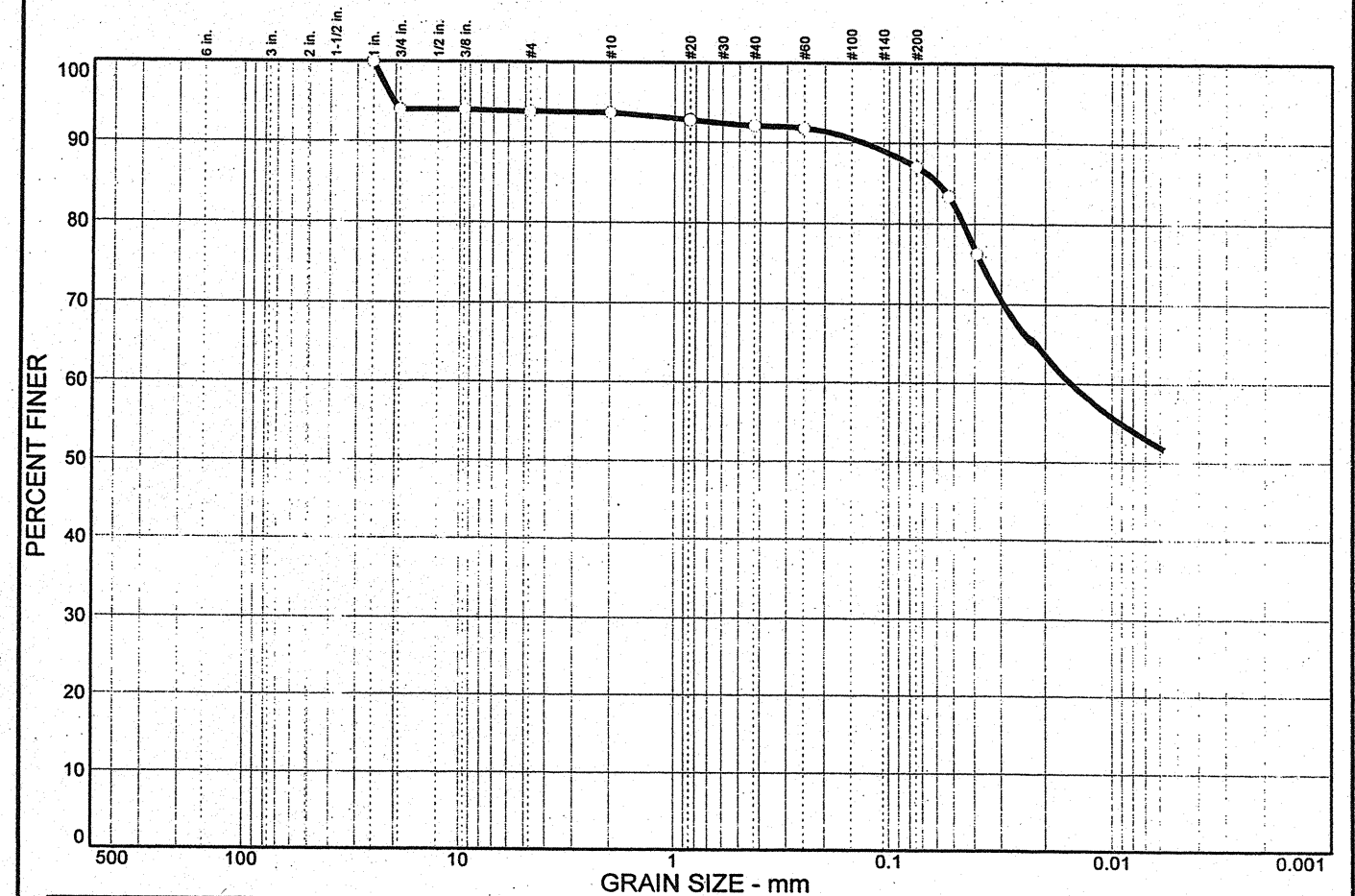
Remarks
 NP=NON-PLASTIC; ND=NOT DETERMINED
 SPECIFIC GRAVITY IS ASSUMED

* (no specification provided)

Sample No.: SS-23 Source of Sample: Date: 1/12/04
 Location: BH-1 SS-23 Elev./Depth: 27.4-28.9'

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	6.3	10.3	83.4	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
1 in.	100.0		
.75 in.	94.0		
.375 in.	94.0		
#4	93.8		
#10	93.7		
#20	92.8		
#40	92.1		
#60	91.8		
#200	87.0		
#270	83.4		

Soil Description

PL= 29 **Atterberg Limits** PI= 43
 LL= 72

Coefficients
 D₈₅= 0.0591 D₆₀= 0.0153 D₅₀=
 D₃₀= D₁₅= D₁₀=
 C_u= C_c=

Classification
 USCS= ND AASHTO= A-7-6(42)

Remarks
 ND=NOT DETERMINED
 SPECIFIC GRAVITY IS ASSUMED

* (no specification provided)

Sample No.: SS-24 Source of Sample: Date: 1/12/04
 Location: BH-1 SS-24 Elev./Depth: 37.4-38.9'

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