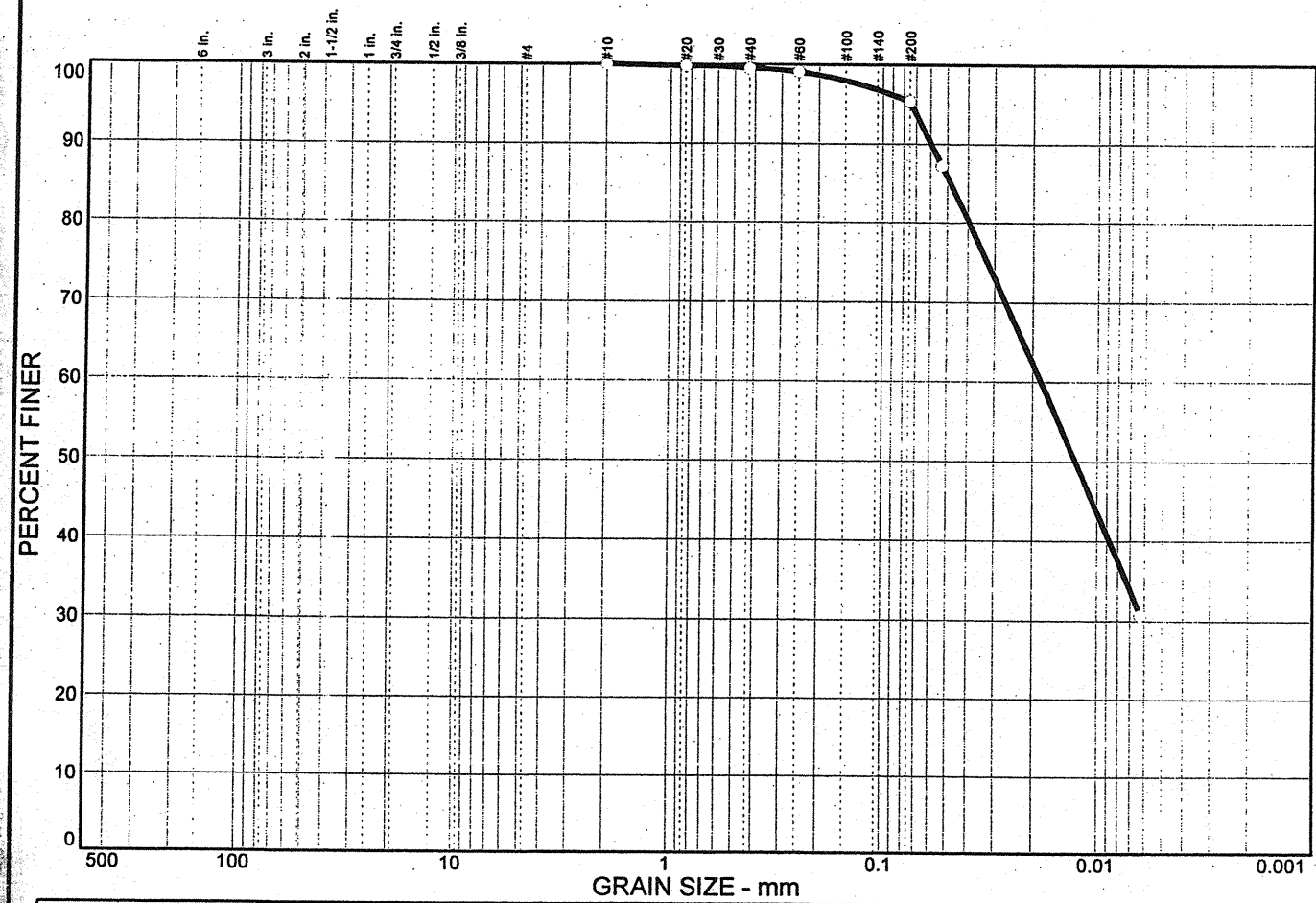


Particle Size Distribution Report



% COBBLES	% GRAVEL	% SAND	% SILT	% CLAY
0.0	0.0	12.8	87.2	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
#10	100.0		
#20	99.8		
#40	99.5		
#60	99.1		
#200	95.4		
#270	87.2		

Soil Description

PL= 27 **Atterberg Limits** LL= 48 PI= 21

Coefficients

D₈₅= 0.0484 D₆₀= 0.0183 D₅₀= 0.0126
 D₃₀= D₁₅= D₁₀=
 C_u= C_c=

Classification

USCS= ND AASHTO= A-7-6(23)

Remarks

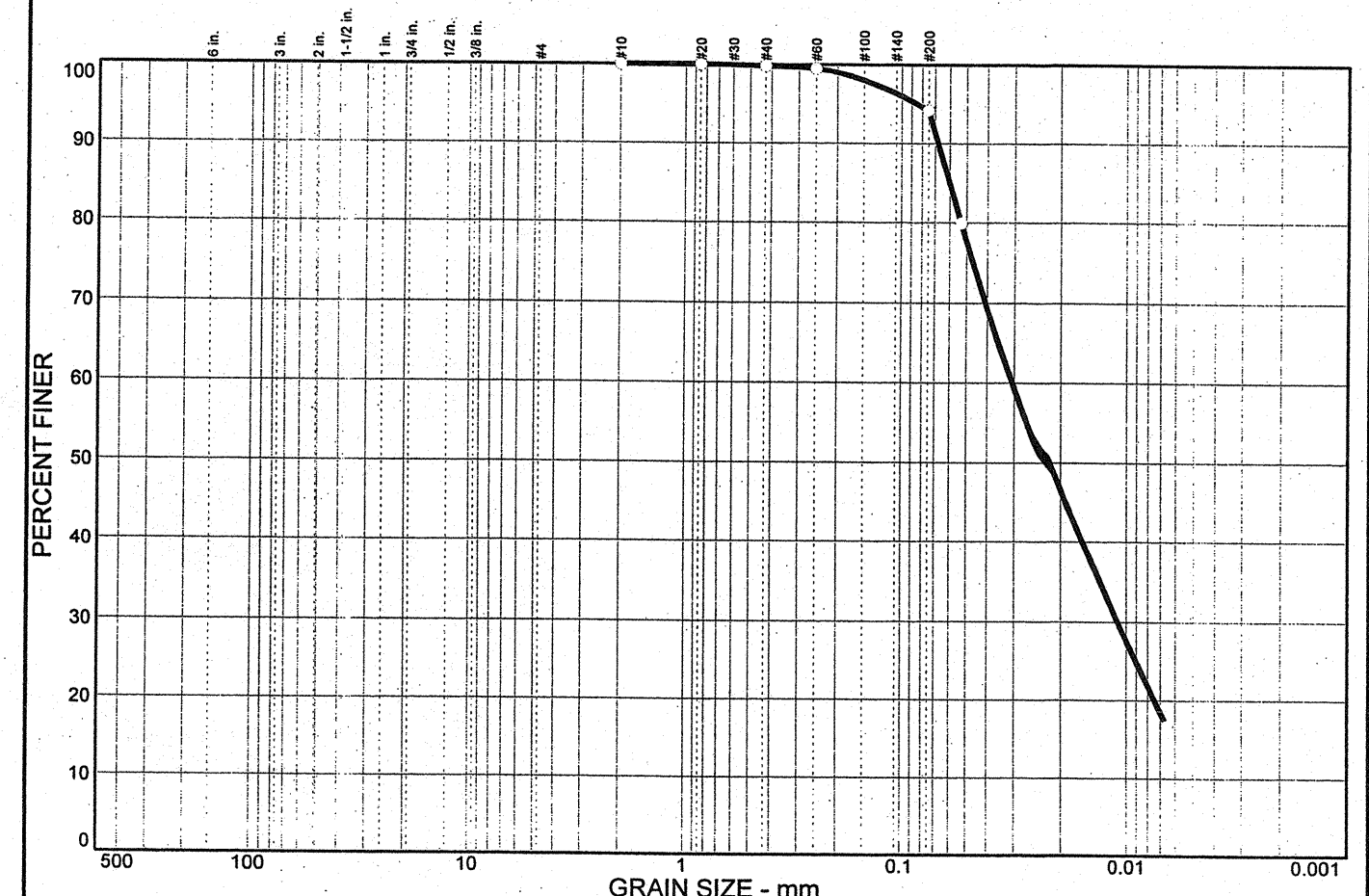
ND=NOT DETERMINED
 SPECIFIC GRAVITY IS ASSUMED

* (no specification provided)

Sample No.: SS-7 Source of Sample: Date: 1/12/04
 Location: B-1 SS-7 Elev./Depth: 31.8-33.3'

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	0.0	20.1	79.9	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
#10	100.0		
#20	100.0		
#40	99.8		
#60	99.5		
#200	94.2		
#270	79.9		

Soil Description

PL= 33 **Atterberg Limits** LL= 39 PI= 6

Coefficients

D₈₅= 0.0601 D₆₀= 0.0307 D₅₀= 0.0224
 D₃₀= 0.0110 D₁₅= D₁₀=
 C_u= C_c=

Classification

USCS= ND AASHTO= A-4(8)

Remarks

ND=NOT DETERMINED
 SPECIFIC GRAVITY IS ASSUMED

* (no specification provided)

Sample No.: SS-8 Source of Sample: Date: 1/12/04
 Location: B-1 SS-8 Elev./Depth: 41.8-43.3'

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