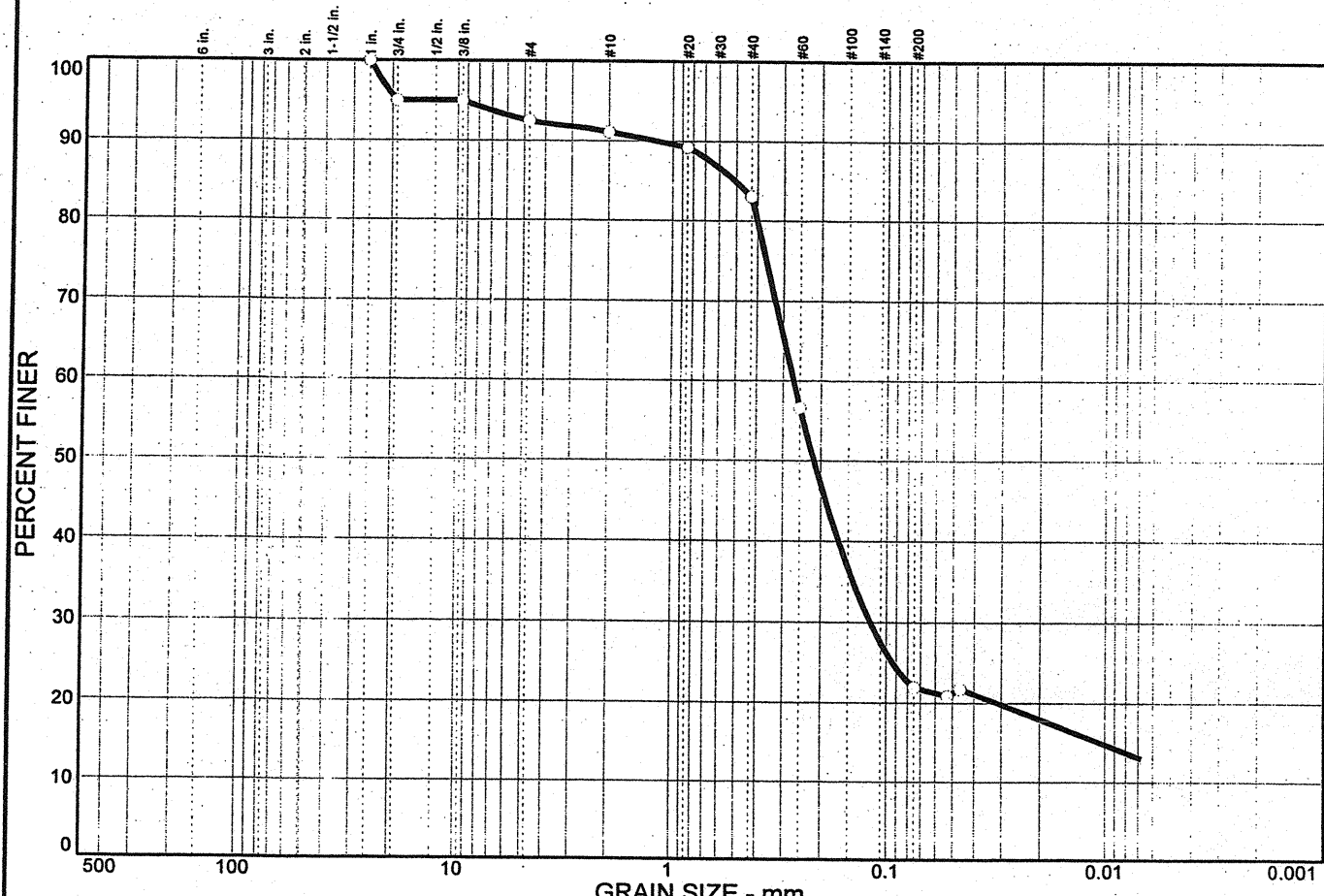


Particle Size Distribution Report



% COBBLES	% GRAVEL	% SAND	% SILT	% CLAY
0.0	8.9	70.2	20.9	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
1 in.	100.0		
.75 in.	95.0		
.375 in.	95.0		
#4	92.5		
#10	91.1		
#20	89.2		
#40	83.0		
#60	56.6		
#200	22.0		
#270	20.9		

Soil Description

PL= NP **Atterberg Limits** LL= 14 PI= NP

Coefficients

D₈₅= 0.508 D₆₀= 0.269 D₅₀= 0.215
 D₃₀= 0.119 C_c= D₁₀=
 C_u=

Classification

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

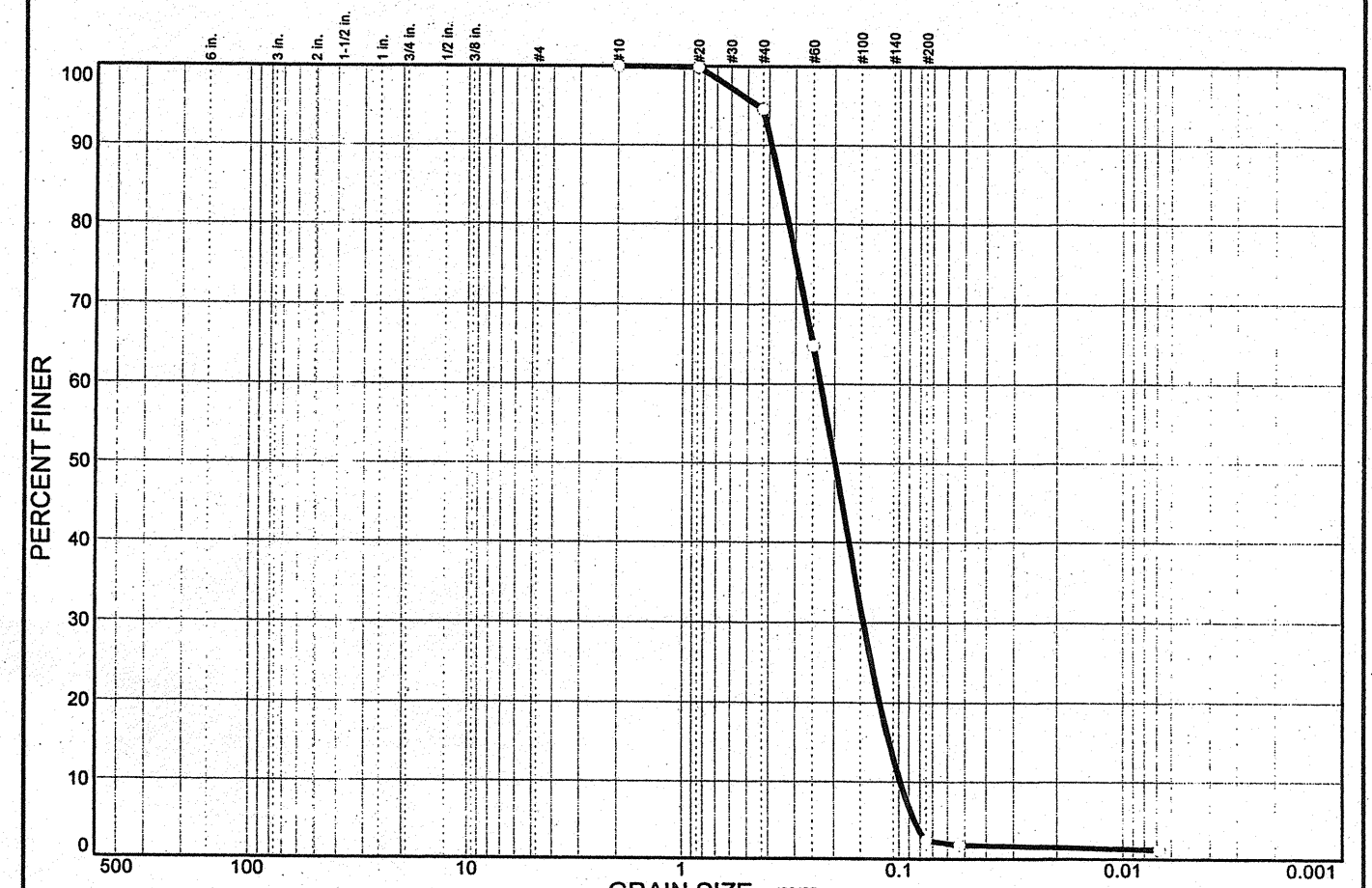
Remarks
 NP=NON-PLASTIC, ND=NOT DETERMINED
 SPECIFIC GRAVITY IS ASSUMED

* (no specification provided)

Sample No.: SS-32 Source of Sample: Date: 1/12/04
 Location: EB-2 SS-32 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	0.0	98.2	1.8	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
#10	100.0		
#20	99.9		
#40	94.6		
#60	64.7		
#200	2.4		
#270	1.8		

Soil Description

PL= NP **Atterberg Limits** LL= 10 PI= NP

Coefficients

D₈₅= 0.356 D₆₀= 0.232 D₅₀= 0.199
 D₃₀= 0.145 D₁₅= 0.111 D₁₀= 0.0988
 C_u= 2.35 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-33 Source of Sample: Date: 1/12/04
 Location: EB-2 SS-33 Elev./Depth: 7.4-8.9'

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