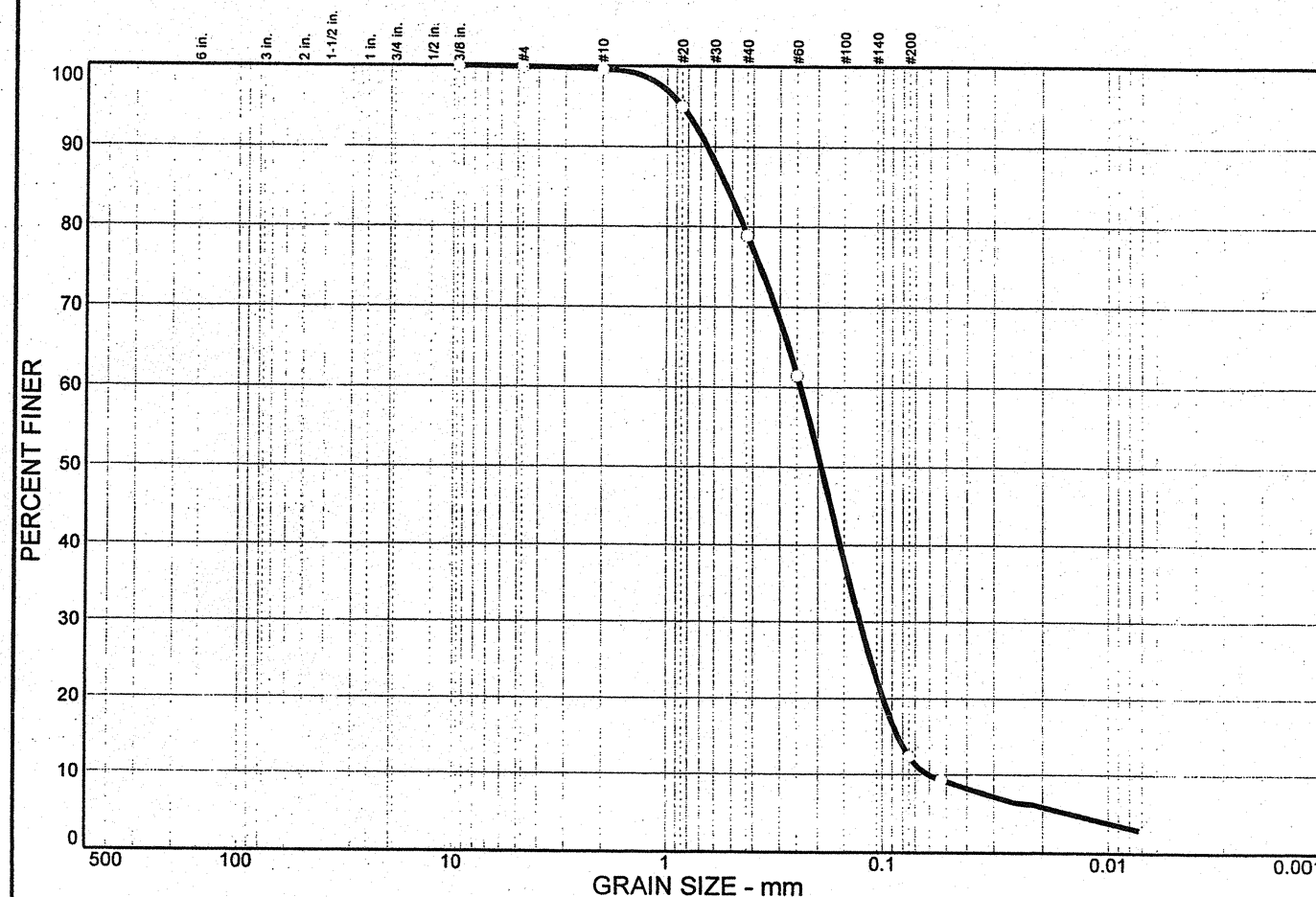


Particle Size Distribution Report



% COBBLES	% GRAVEL	% SAND	% SILT	% CLAY
0.0	0.4	90.3	9.3	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
.375 in.	100.0		
#4	99.9		
#10	99.6		
#20	95.0		
#40	78.9		
#60	61.5		
#200	12.3		
#270	9.3		

Soil Description

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

Coefficients

D₈₅= 0.531 D₆₀= 0.241 D₅₀= 0.193
 D₃₀= 0.127 D₁₅= 0.0847 D₁₀= 0.0612
 C_u= 3.94 C_c= 1.09

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-31 Source of Sample: Date: 1/12/04
 Location: BH-4 SS-31 Elev./Depth: 7.5-9.0'

MACTEC ENGINEERING & CONSULTING, INC.	Client: NCDOT	Date: 1/12/04 Elev./Depth: 7.5-9.0'
	Project: Currituck and Knott's Island Ferry Basins	
	Project No: 6468-03-0470	Plate