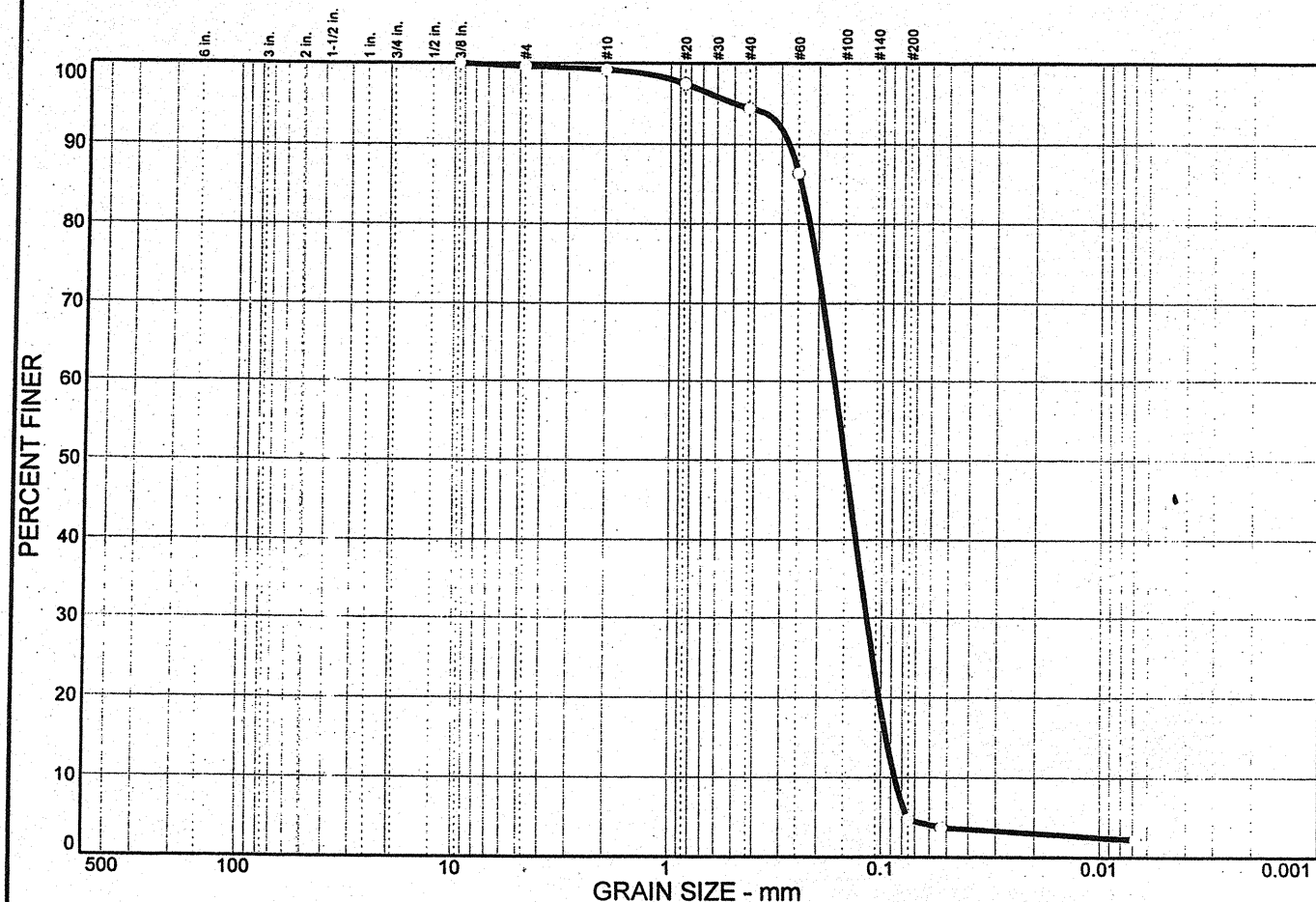


### Particle Size Distribution Report



% COBBLES	% GRAVEL	% SAND	% SILT	% CLAY
0.0	0.8	95.5	3.7	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
.375 in.	100.0		
#4	99.6		
#10	99.2		
#20	97.5		
#40	94.5		
#60	86.4		
#200	4.7		
#270	3.7		

**Soil Description**

PL= NP      **Atterberg Limits**      PI= NP  
 LL= 13

**Coefficients**

D<sub>85</sub>= 0.242      D<sub>60</sub>= 0.168      D<sub>50</sub>= 0.149  
 D<sub>30</sub>= 0.117      D<sub>15</sub>= 0.0950      D<sub>10</sub>= 0.0867  
 C<sub>u</sub>= 1.94      C<sub>c</sub>= 0.95

**Classification**

USCS= ND      AASHTO= A-3

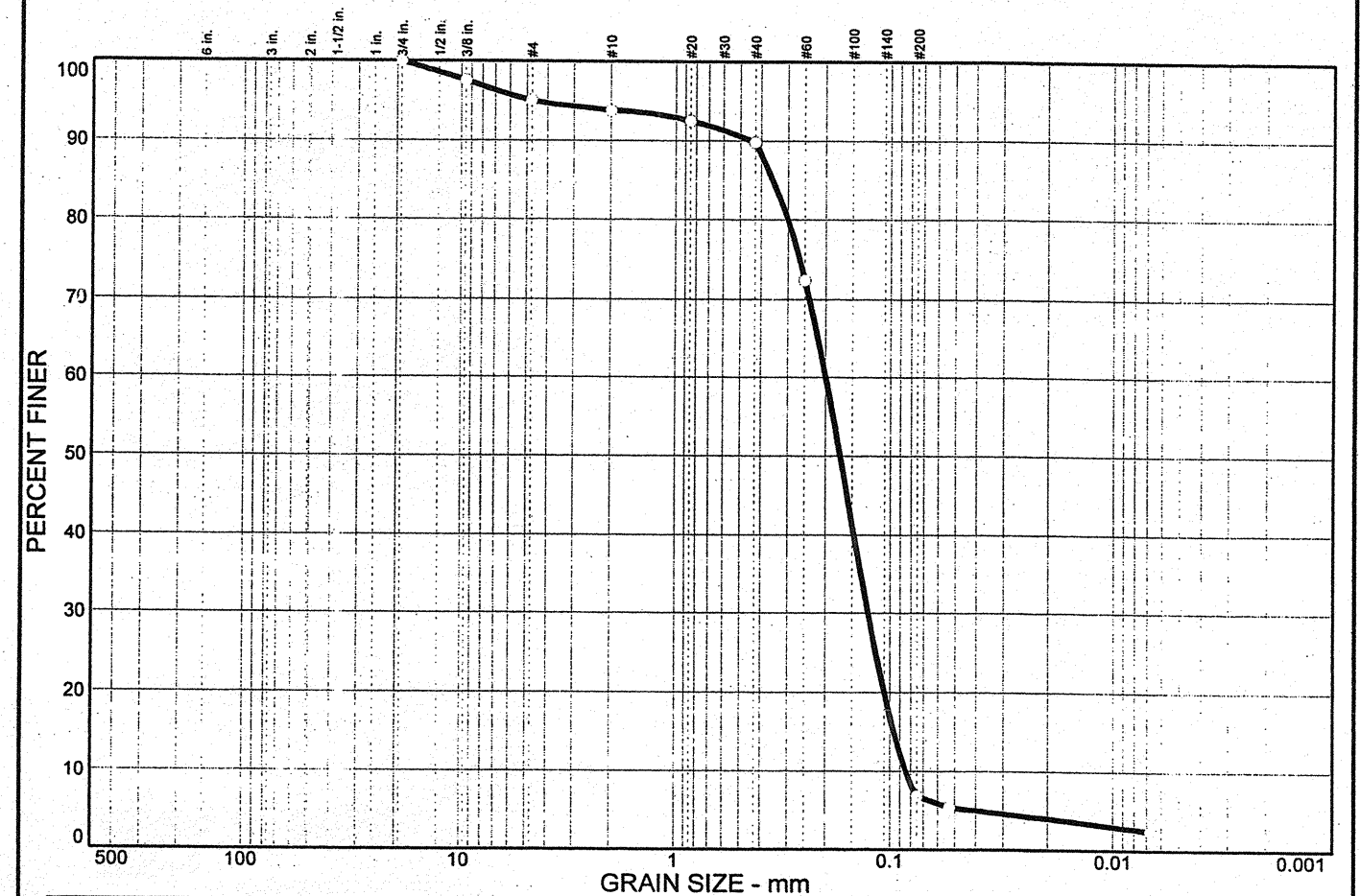
**Remarks**  
 NP=NON-PLASTIC, ND=NOT DETERMINED  
 SPECIFIC GRAVITY IS ASSUMED

\* (no specification provided)

Sample No.: SS-25      Source of Sample:      Date: 1/12/04  
 Location: BH-2 SS-25      Elev./Depth: 12.4-13.9'

<b>MACTEC</b> 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	6.2	88.4	5.4	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
.75 in.	100.0		
.375 in.	97.6		
#4	95.1		
#10	93.8		
#20	92.5		
#40	89.8		
#60	72.4		
#200	6.8		
#270	5.4		

**Soil Description**

PL= NP      **Atterberg Limits**      PI= NP  
 LL= 13

**Coefficients**

D<sub>85</sub>= 0.354      D<sub>60</sub>= 0.200      D<sub>50</sub>= 0.171  
 D<sub>30</sub>= 0.126      D<sub>15</sub>= 0.0961      D<sub>10</sub>= 0.0847  
 C<sub>u</sub>= 2.36      C<sub>c</sub>= 0.94

**Classification**

USCS= ND      AASHTO= A-3

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

\* (no specification provided)

Sample No.: SS-26      Source of Sample:      Date: 1/12/04  
 Location: BH-2 SS-26      Elev./Depth: 27.4-28.9'

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