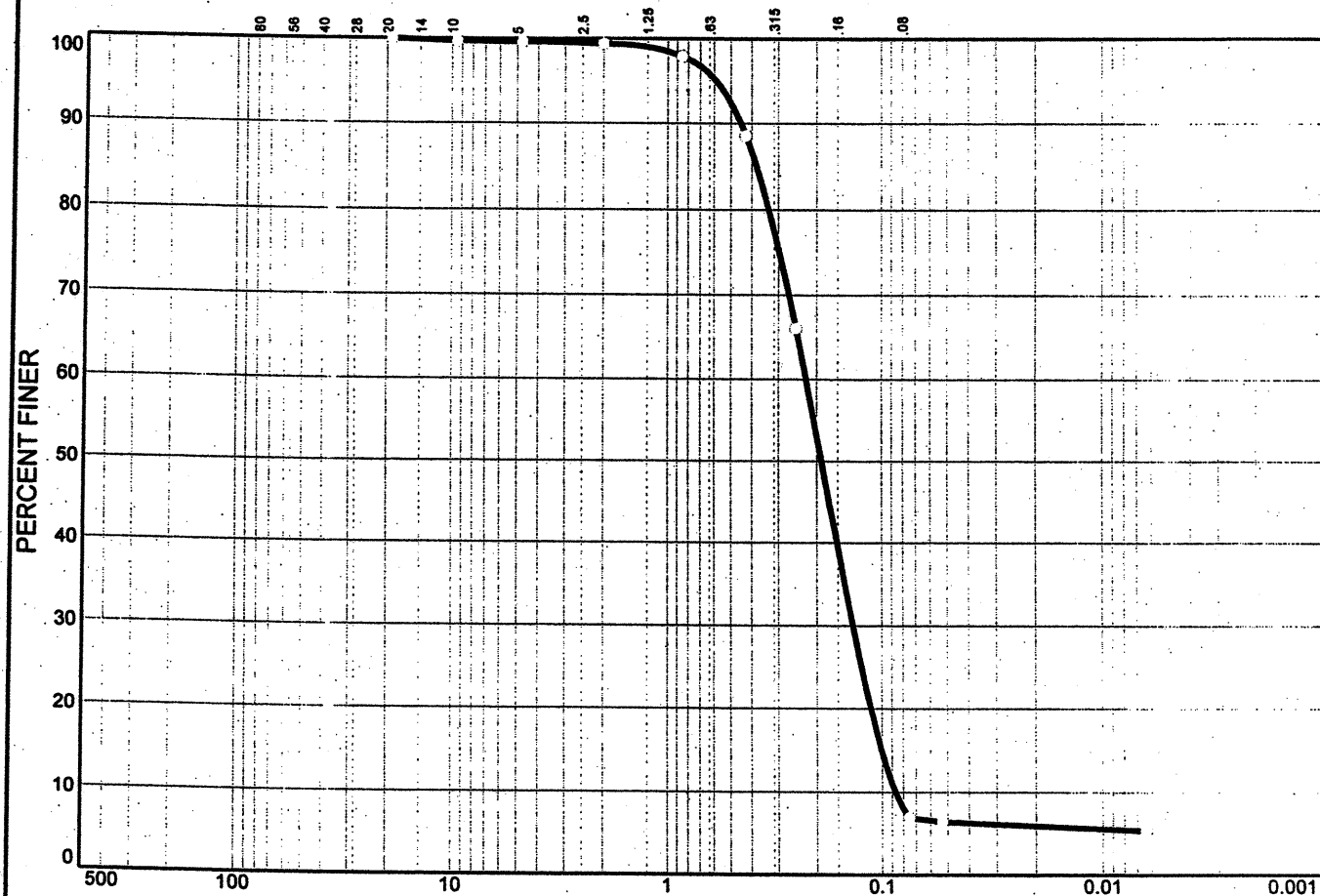


Particle Size Distribution Report



% COBBLES	% GRAVEL	% SAND	% SILT	% CLAY
0.0	0.6	93.0	6.4	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
19.0 mm.	100.0		
9.50 mm.	99.7		
#4	99.6		
#10	99.4		
#20	97.9		
#40	88.5		
#60	66.0		
#200	6.9		
#270	6.4		

Soil Description

PL= NP **Atterberg Limits** PI= NP
 LL= 19

Coefficients

D₈₅= 0.380 D₆₀= 0.225 D₅₀= 0.190
 D₃₀= 0.136 D₁₅= 0.100 D₁₀= 0.0869
 C_u= 2.59 C_c= 0.95

Classification

USCS= ND AASHTO= A-3

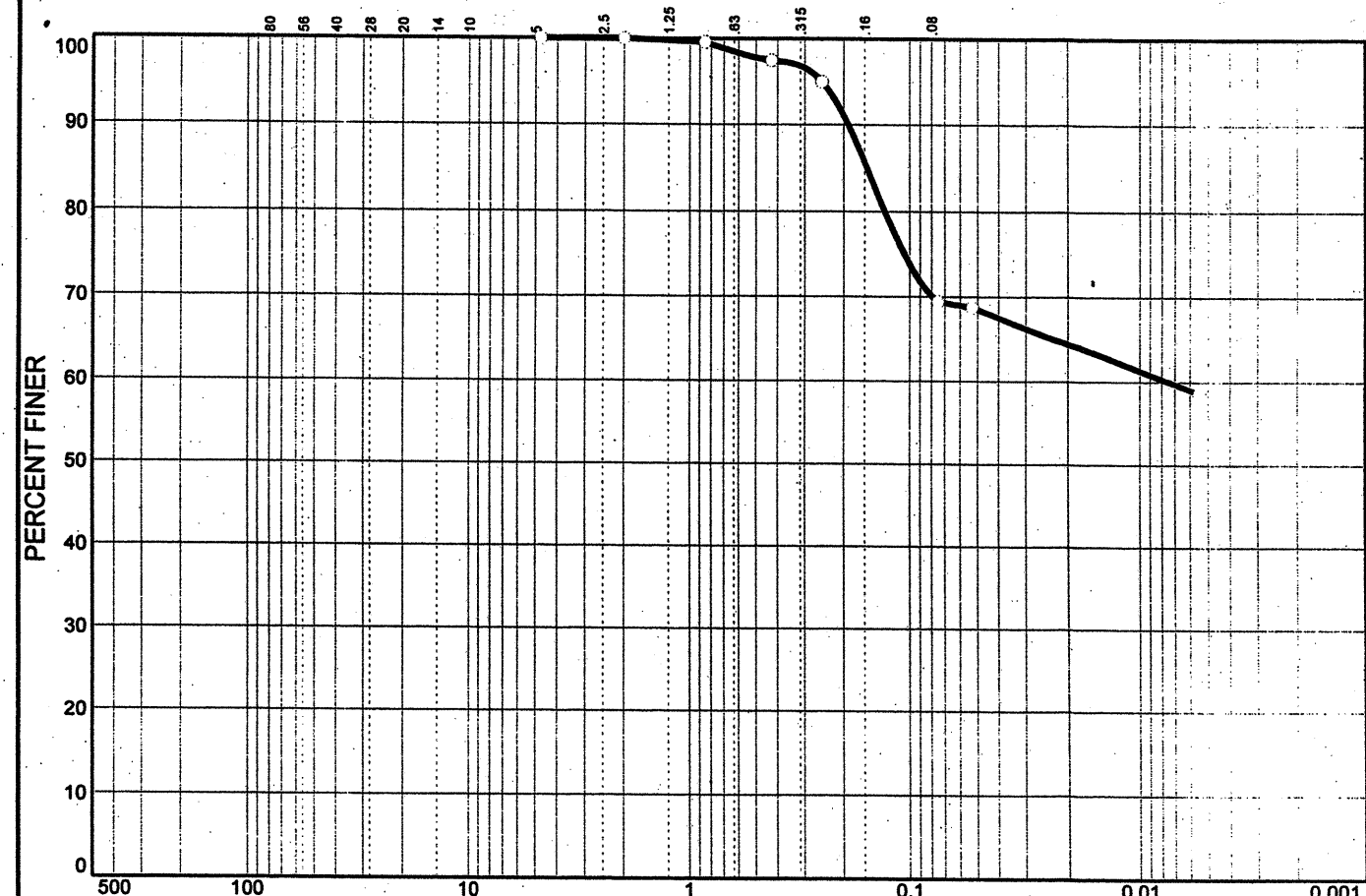
Remarks
 NP=NON-PLASTIC; ND=NOT DETERMINED
 *SPECIFIC GRAVITY IS ASSUMED

* (no specification provided)

Sample No.: SS-7 Source of Sample: Date: 5/14/04
 Location: B1-A LL SS-7 Elev./Depth: 2.62-3.07 M

MACTEC ENGINEERING & CONSULTING, INC.	Client: NCDOT
	Project: DUAL BRIDGES ON NC 87 OVER REEDY MEADOW SWAMP
	Project No: 6468-04-0650

Particle Size Distribution Report



% COBBLES	% GRAVEL	% SAND	% SILT	% CLAY
0.0	0.0	31.3	68.7	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
#4	100.0		
#10	100.0		
#20	99.6		
#40	97.5		
#60	95.0		
#200	69.4		
#270	68.7		

Soil Description

PL= 21 **Atterberg Limits** PI= 62
 LL= 83

Coefficients

D₈₅= 0.156 D₆₀= 0.0075 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-8 Source of Sample: Date: 5/14/04
 Location: B1-A LL SS-8 Elev./Depth: 5.66-6.11 M

MACTEC ENGINEERING & CONSULTING, INC.	Client: NCDOT
	Project: DUAL BRIDGES ON NC 87 OVER REEDY MEADOW SWAMP
	Project No: 6468-04-0650