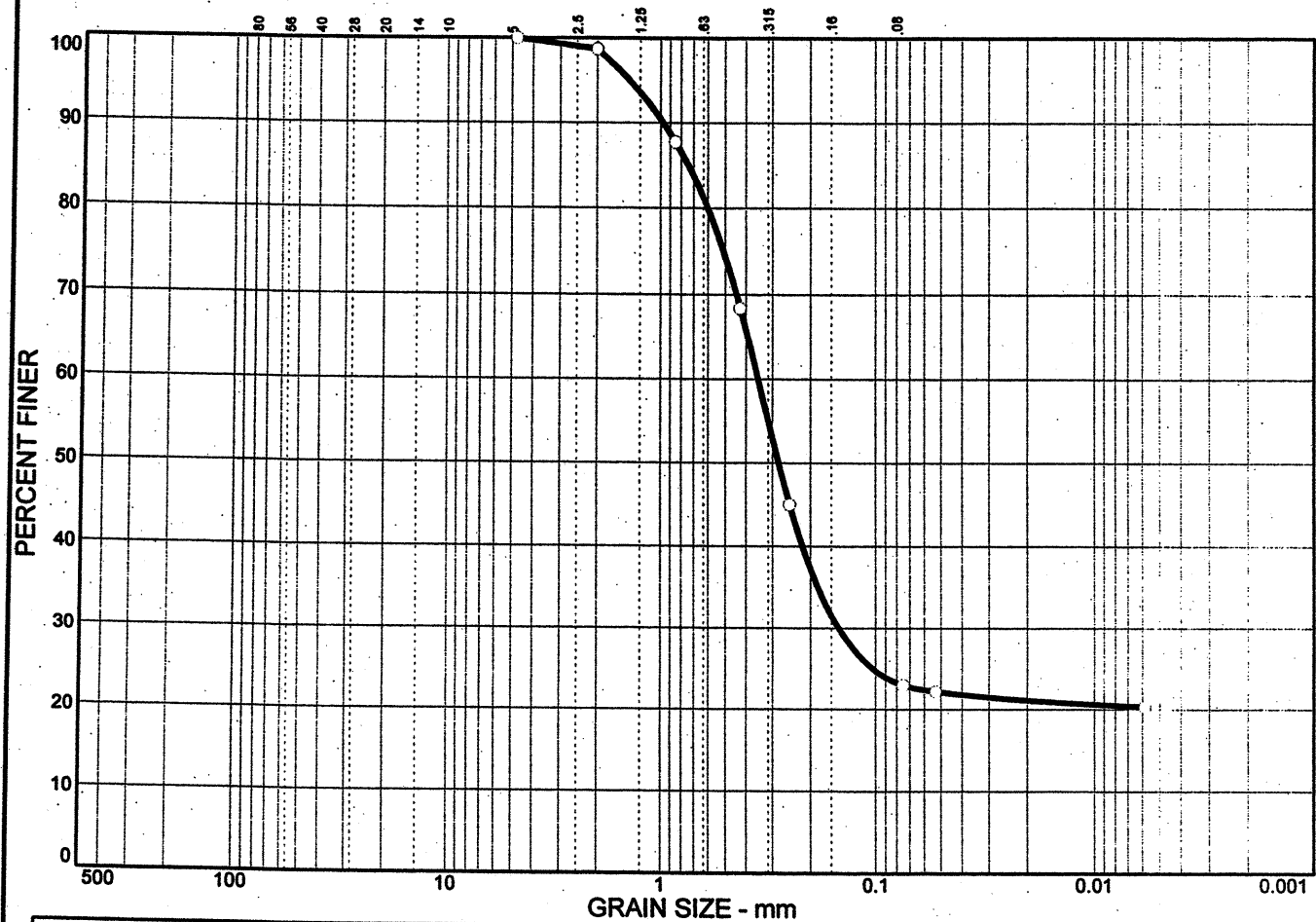


Particle Size Distribution Report



% COBBLES	% GRAVEL	% SAND	% SILT	% CLAY
0.0	1.3	76.5	22.2	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
#4	100.0		
#10	98.7		
#20	87.7		
#40	68.4		
#60	45.0		
#200	23.0		
#270	22.2		

Soil Description

PL= 17 Atterberg Limits LL= 35 PI= 18

Coefficients

D₈₅= 0.741 D₆₀= 0.351 D₅₀= 0.282
D₃₀= 0.148 D₁₅= D₁₀=
C_u=

Classification

USCS= ND AASHTO= A-2-6(1)

Remarks

ND=NOT DETERMINED
SPECIFIC GRAVITY IS ASSUMED

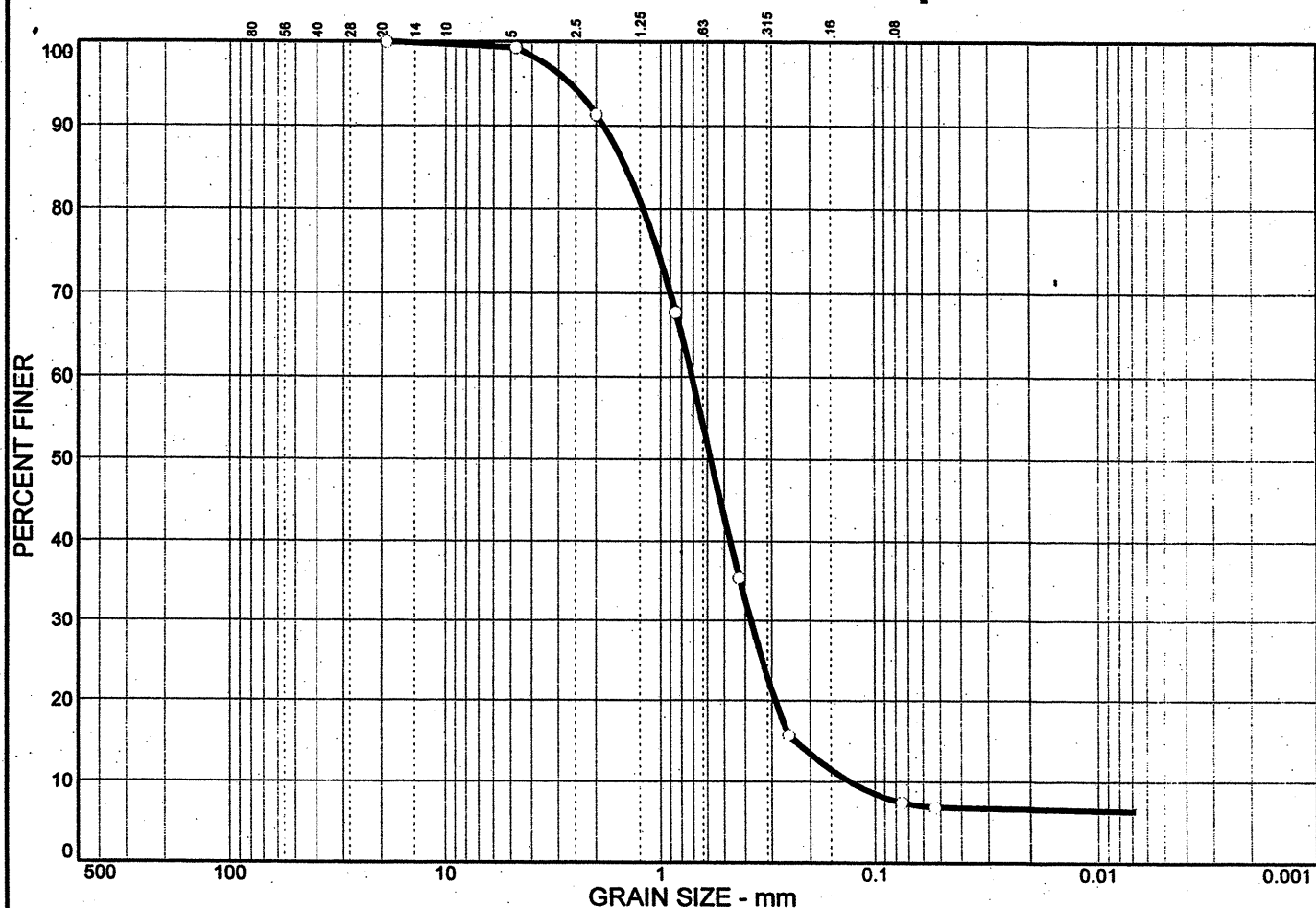
* (no specification provided)

Sample No.: SS-3 Source of Sample: Date: 5/14/04
Location: EB1-A LL SS-3 Elev./Depth: 6.01-6.46 M

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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	8.7	84.5	6.8	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
19.0 mm.	100.0		
#4	99.3		
#10	91.3		
#20	67.7		
#40	35.4		
#60	15.7		
#200	7.4		
#270	6.8		

Soil Description

PL= NP Atterberg Limits LL= 21 PI= NP

Coefficients

D₈₅= 1.46 D₆₀= 0.713 D₅₀= 0.577
D₃₀= 0.376 D₁₅= 0.234 D₁₀= 0.130
C_u= 5.48 C_c= 1.53

Classification

USCS= ND AASHTO= A-1-b

Remarks

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

* (no specification provided)

Sample No.: SS-4 Source of Sample: Date: 5/14/04
Location: EB1-A LL SS-4 Elev./Depth: 10.57-11.02

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Client: NCDOT
Project: DUAL BRIDGES ON NC 87 OVER REEDY MEADOW SWAMP
Project No: 6468-04-0650