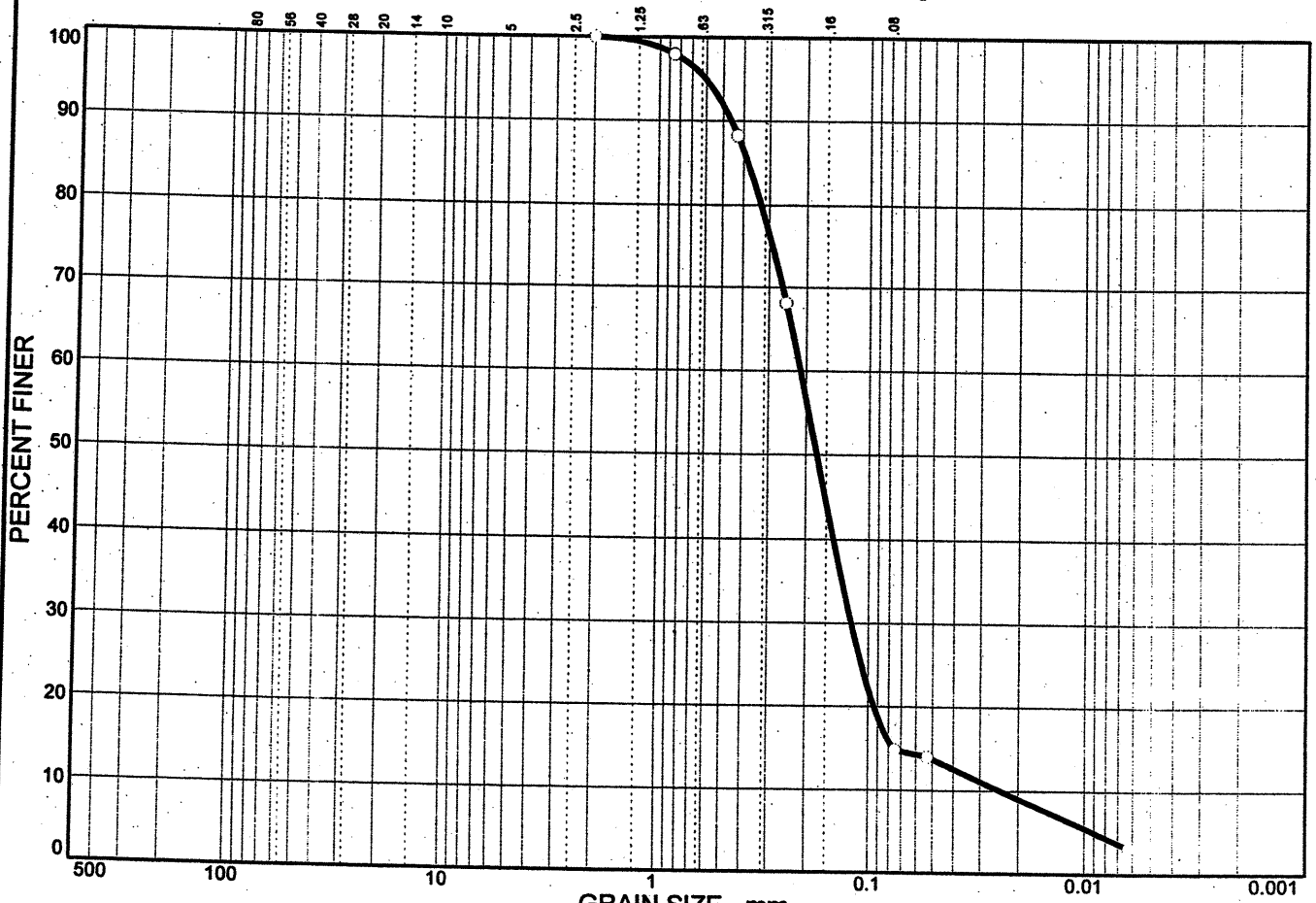


### Particle Size Distribution Report



% COBBLES	% GRAVEL	% SAND	% SILT	% CLAY
0.0	0.0	86.0	14.0	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
#10	100.0		
#20	98.0		
#40	88.2		
#60	68.1		
#200	14.8		
#270	14.0		

**Soil Description**

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

**Coefficients**

D<sub>85</sub>= 0.380      D<sub>60</sub>= 0.213      D<sub>50</sub>= 0.178  
 D<sub>30</sub>= 0.121      D<sub>15</sub>= 0.0761      D<sub>10</sub>= 0.0242  
 C<sub>u</sub>= 8.81      C<sub>c</sub>= 2.83

**Classification**

USCS= ND      AASHTO= A-2-4(0)

**Remarks**

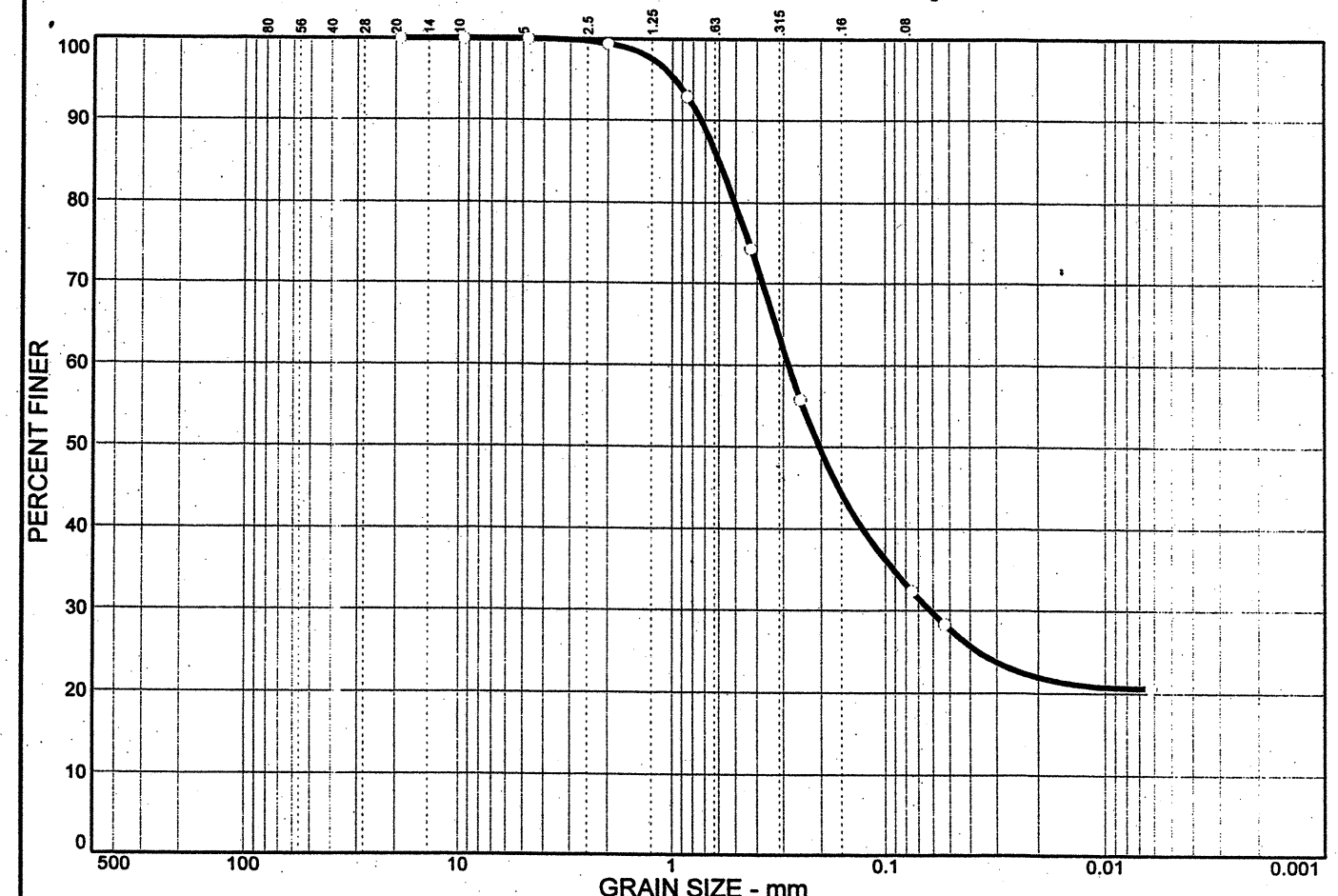
NP=NON-PLASTIC; ND=NOT DETERMINED  
 SPECIFIC GRAVITY IS ASSUMED

\* (no specification provided)

Sample No.: SS-12      Source of Sample:      Date: 5/14/04  
 Location: B1-A RL SS-7      Elev./Depth: 0.00-0.45 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	0.6	71.1	28.3	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
19.0 mm.	100.0		
9.50 mm.	100.0		
#4	100.0		
#10	99.4		
#20	92.9		
#40	74.2		
#60	55.8		
#200	32.4		
#270	28.3		

**Soil Description**

PL= 15      **Atterberg Limits**      PI= 16  
 LL= 31

**Coefficients**

D<sub>85</sub>= 0.601      D<sub>60</sub>= 0.284      D<sub>50</sub>= 0.204  
 D<sub>30</sub>= 0.0617      D<sub>15</sub>=      D<sub>10</sub>=  
 C<sub>u</sub>=      C<sub>c</sub>=

**Classification**

USCS= ND      AASHTO= A-2-6(1)

**Remarks**

ND=NOT DETERMINED  
 SPECIFIC GRAVITY IS ASSUMED

\* (no specification provided)

Sample No.: SS-13      Source of Sample:      Date: 5/14/04  
 Location: B1-A RL SS-13      Elev./Depth: 8.61-9.06 M

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