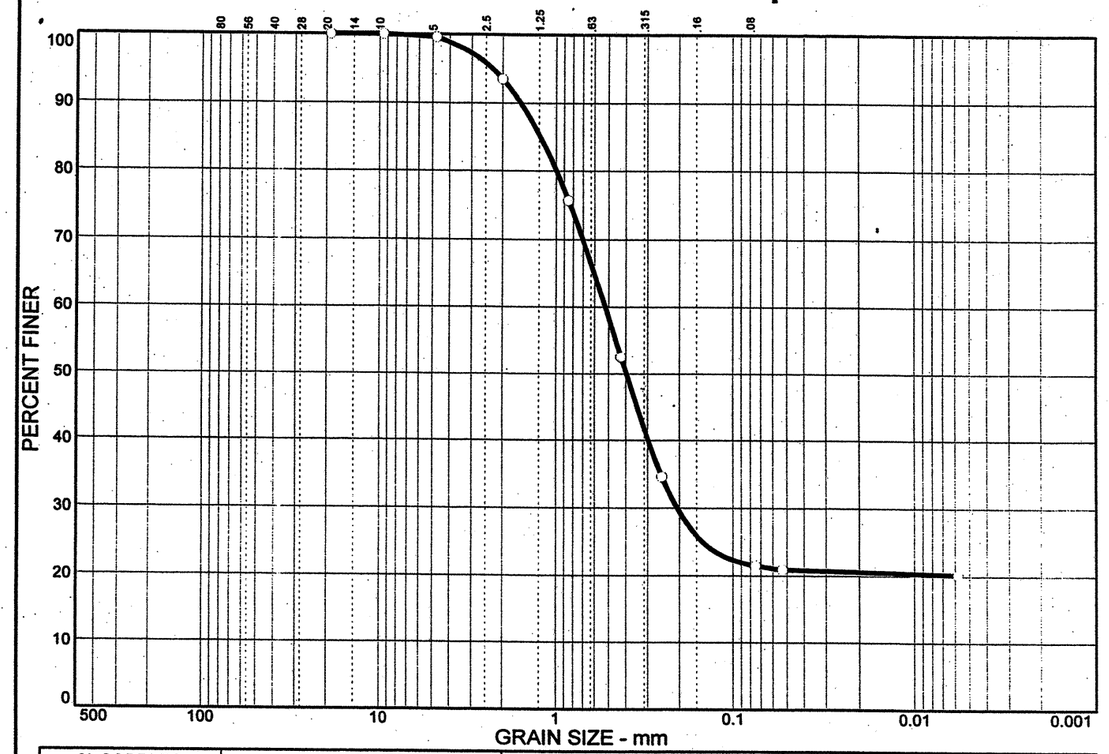
Particle Size Distribution Report



% COBBLES	% GRAVEL	% SAND	% SILT	% CLAY
0.0	6.5	72.6	20.9	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
19.0 mm.	100.0		
9.50 mm.	100.0		
#4	99.6		
#10	93.5		
#20	75.7		
#40	52.6		
#60	34.6		
#200	21.5		
#270	20.9		

* (no specification provided)

Soil Description

Atterberg Limits

PL= 15 LL= 40 PI= 25

Coefficients

D_{85}= 1.23 D_{60}= 0.522 D_{50}= 0.396
D_{30}= 0.206 D_{15}= D_{10}=
C_u= C_c=

Classification

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

Remarks

ND=NOT DETERMINED
SPECIFIC GRAVITY IS ASSUMED

Sample No.: SS-11 **Source of Sample:** **Date:** 5/14/04
Location: EB2-A LL SS-11 **Elev./Depth:** 7.65-8.10 M

MACTEC

ENGINEERING & CONSULTING, INC.

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