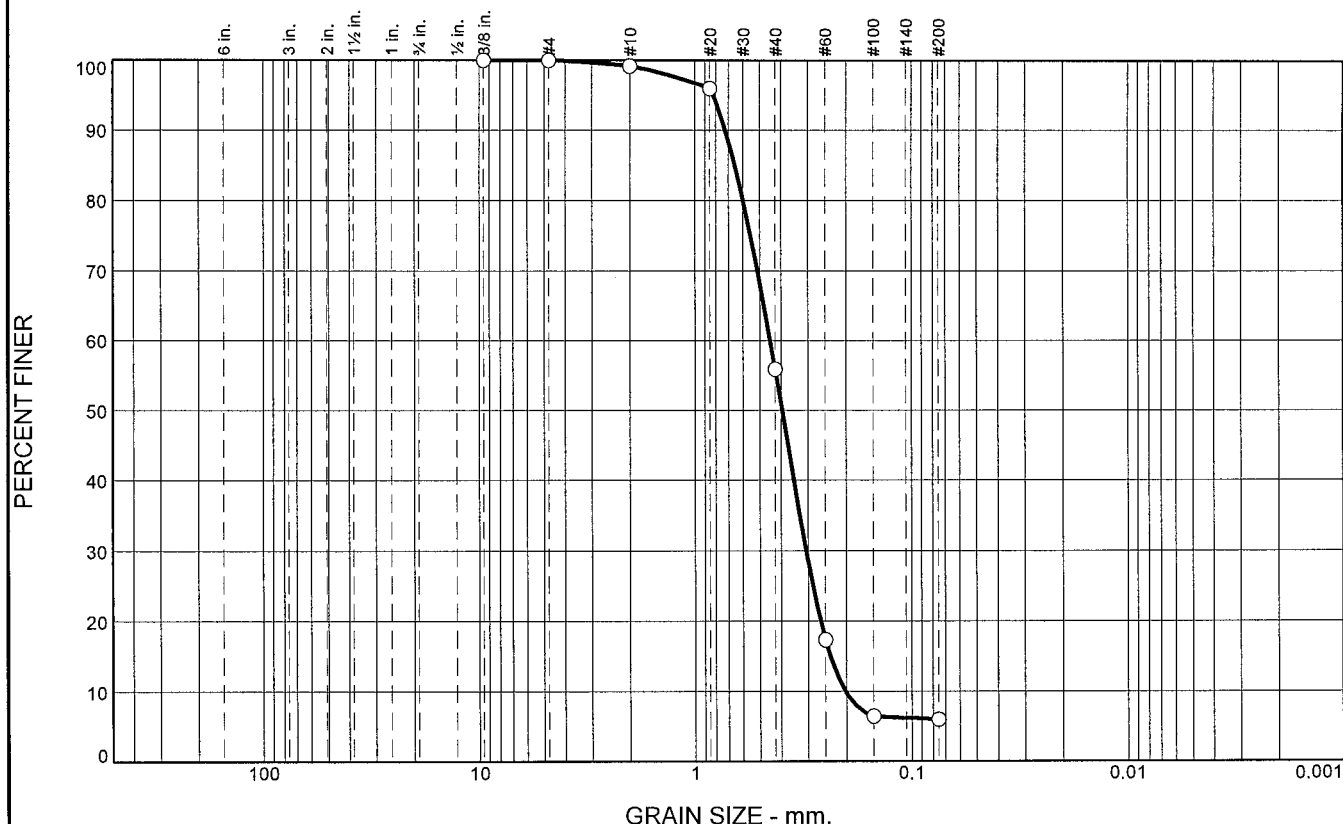


# Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.0	0.8	43.3	49.9	6.0	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
.375	100.0		
#4	100.0		
#10	99.2		
#20	96.0		
#40	55.9		
#60	17.3		
#100	6.5		
#200	6.0		

\* (no specification provided)

**Material Description**  
SAND, (SP-SM), medium to fine grained

**Atterberg Limits**  
PL=      LL=      PI=

**Coefficients**  
D<sub>90</sub>= 0.7241      D<sub>85</sub>= 0.6540      D<sub>60</sub>= 0.4480  
D<sub>50</sub>= 0.3949      D<sub>30</sub>= 0.3064      D<sub>15</sub>= 0.2374  
D<sub>10</sub>= 0.2025      C<sub>u</sub>= 2.21      C<sub>c</sub>= 1.04

**Classification**  
USCS= SP-SM      AASHTO=

**Remarks**  
CADD CODE = CH10D965

Location: USACE Sample # BI-PB-45-10A  
Sample Number: TE Lab ID: 4612.19

Depth: 0.0 - 5.0 (ft.)

Date: 8/7/10

**Thompson Engineering**

**Mobile, Alabama**

Client: US Army Corps of Engineers

Project: Contract No. W91278-10-D-0026 - Task 03  
Mississippi Barrier Island Restoration Project

Project No: 10-2123-0009

Report No.

Tested By: J.Maddox

Checked By: R.Byrd