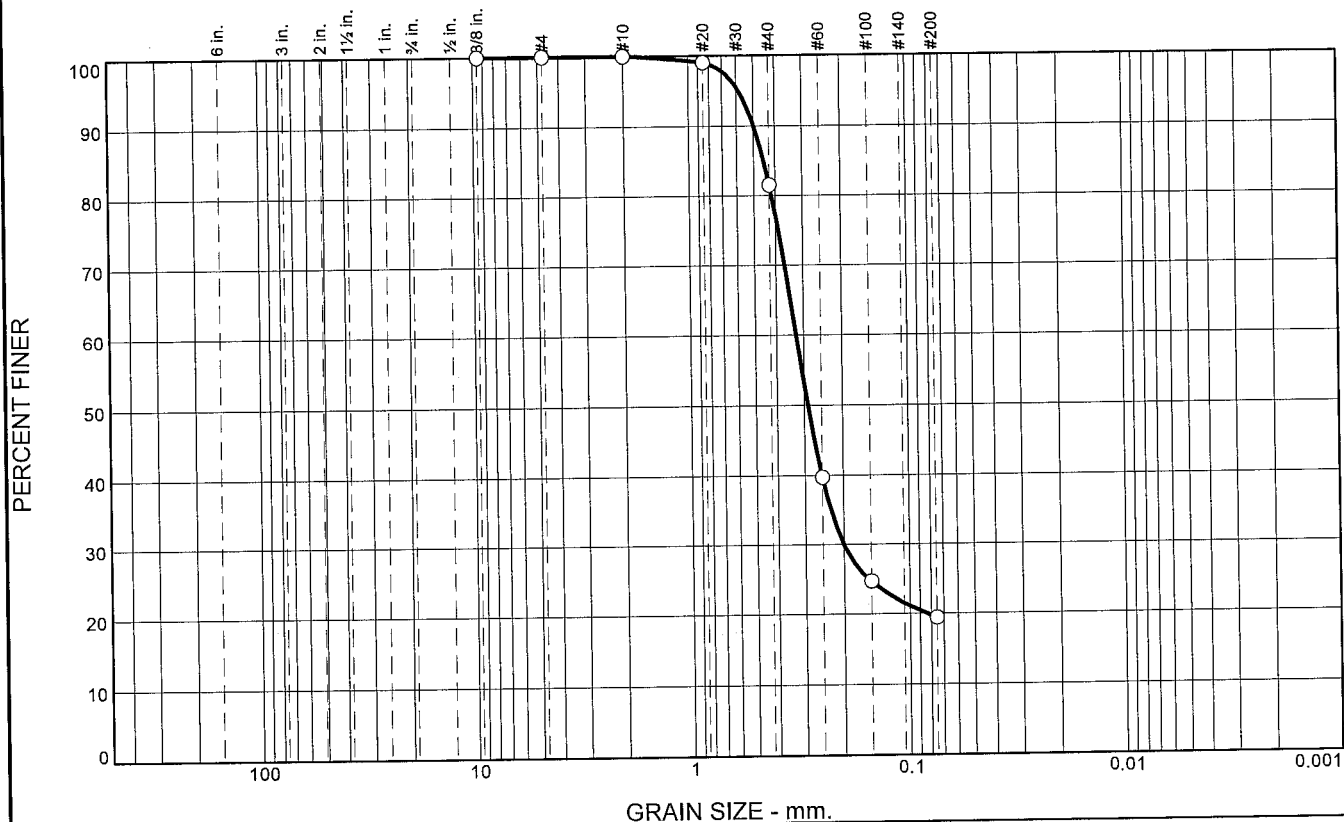


# Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.0	0.0	18.5	62.1	19.4	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
.375	100.0		
#4	100.0		
#10	100.0		
#20	99.0		
#40	81.5		
#60	39.8		
#100	24.6		
#200	19.4		

\* (no specification provided)

**Material Description**  
SILTY SAND, (SM), medium to fine grained, with clay pockets

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

**Coefficients**  
 D<sub>90</sub>= 0.4998      D<sub>85</sub>= 0.4504      D<sub>60</sub>= 0.3244  
 D<sub>50</sub>= 0.2881      D<sub>30</sub>= 0.2008      D<sub>15</sub>=  
 D<sub>10</sub>=      C<sub>u</sub>=      C<sub>c</sub>=

**Classification**  
 USCS= SM      AASHTO=

**Remarks**  
 CADD CODE = CH10D965

Location: USACE Sample # BI-PB-113-10B  
 Sample Number: TE Lab ID: 4612.50

Depth: 5.0 - 10.0 (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