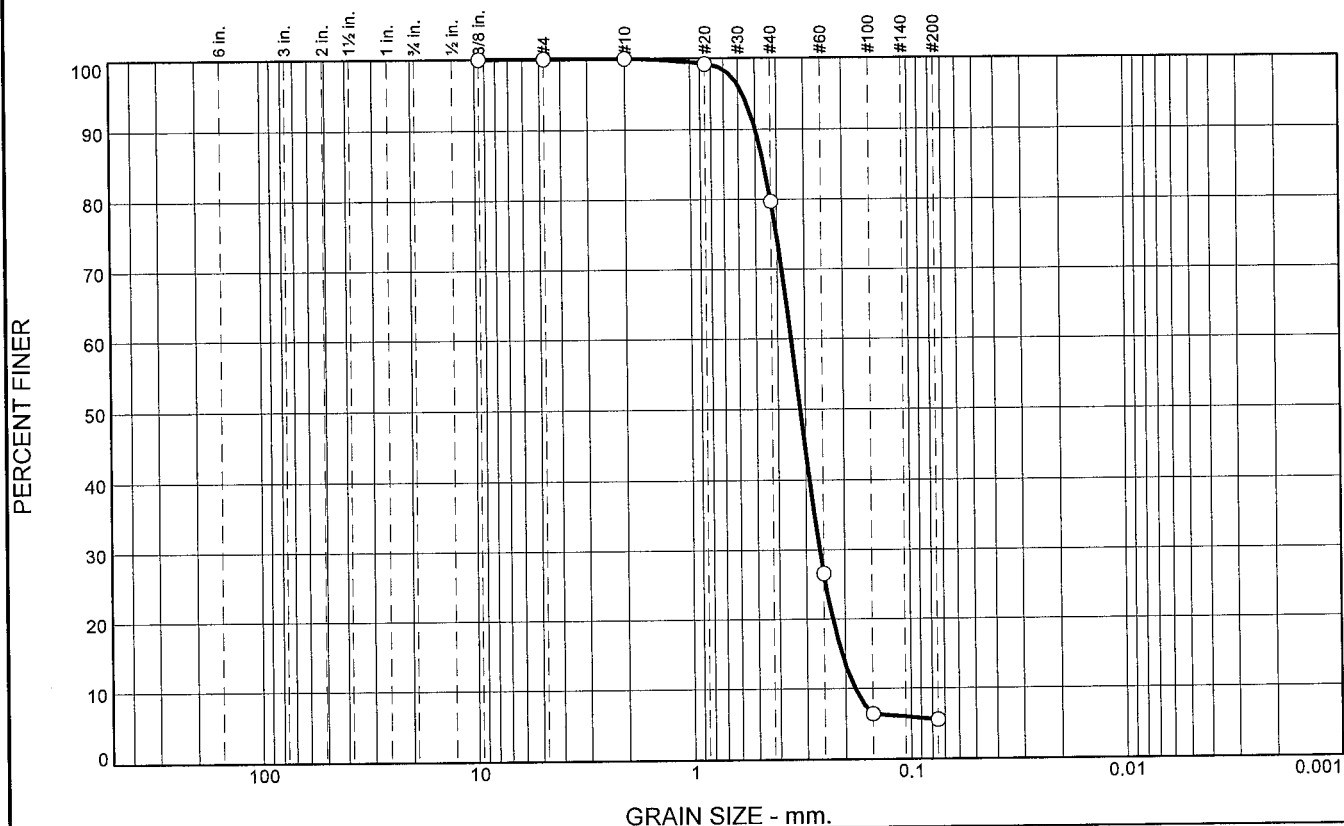


# Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.0	0.0	20.3	74.2	5.5	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
.375	100.0		
#4	100.0		
#10	100.0		
#20	99.2		
#40	79.7		
#60	26.6		
#100	6.4		
#200	5.5		

\* (no specification provided)

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

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

**Coefficients**  
 D<sub>90</sub>= 0.5002 D<sub>85</sub>= 0.4574 D<sub>60</sub>= 0.3468  
 D<sub>50</sub>= 0.3165 D<sub>30</sub>= 0.2602 D<sub>15</sub>= 0.2078  
 D<sub>10</sub>= 0.1811 C<sub>u</sub>= 1.91 C<sub>c</sub>= 1.08

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

**Remarks**  
CADD CODE = CH10D965

Location: USACE Sample # BI-PB-122-10A  
Sample Number: TE Lab ID: 4612.43

Depth: 1.0 - 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