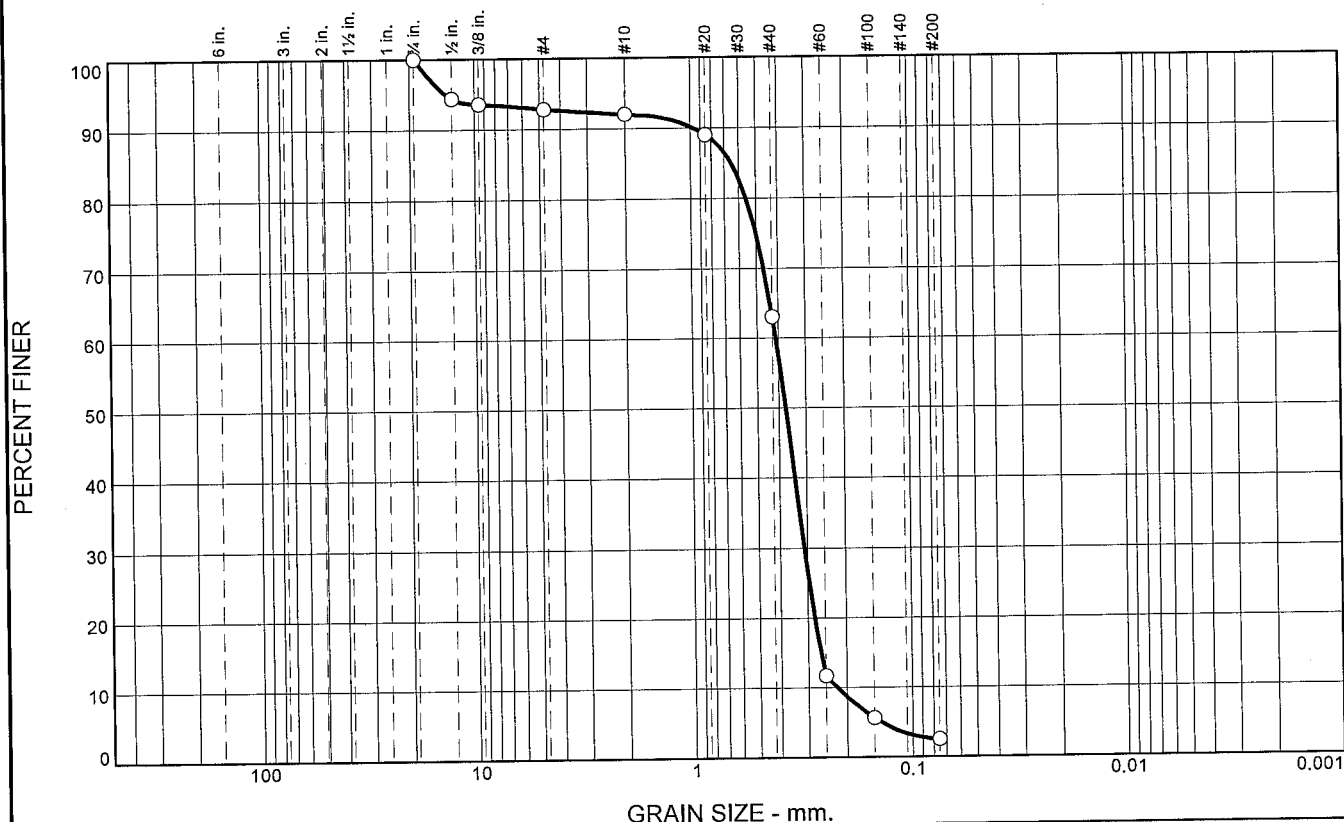


# Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	7.2	0.8	28.9	60.6	2.5	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
.750	100.0		
.500	94.4		
.375	93.6		
#4	92.8		
#10	92.0		
#20	89.0		
#40	63.1		
#60	11.7		
#100	5.6		
#200	2.5		

\* (no specification provided)

**Material Description**

SAND, (SP), medium to fine grained, with trace shell

**Atterberg Limits**

PL=      LL=      PI=

**Coefficients**

D<sub>90</sub>= 0.9643      D<sub>85</sub>= 0.6495      D<sub>60</sub>= 0.4109  
D<sub>50</sub>= 0.3721      D<sub>30</sub>= 0.3092      D<sub>15</sub>= 0.2624  
D<sub>10</sub>= 0.2217      C<sub>u</sub>= 1.85      C<sub>c</sub>= 1.05

**Classification**

USCS= SP      AASHTO=

**Remarks**

CADD CODE = CH10D965

Location: USACE Sample # BI-PB-109-10A  
Sample Number: TE Lab ID: 4612.20

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