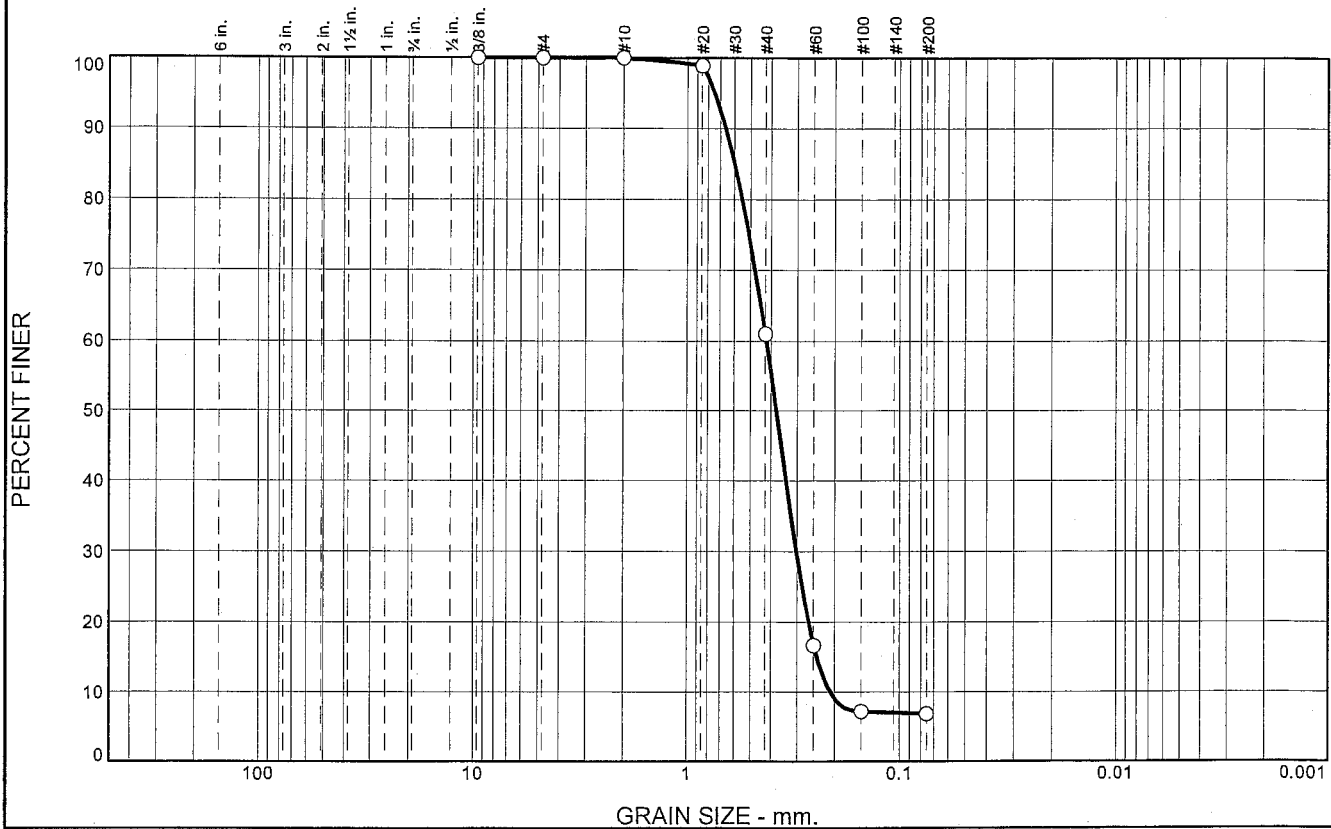


# Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.0	0.0	39.0	54.2	6.8	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
.375	100.0		
#4	100.0		
#10	100.0		
#20	98.9		
#40	61.0		
#60	16.7		
#100	7.2		
#200	6.8		

\* (no specification provided)

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

**Atterberg Limits**  
 PL=                      LL=                      PI=  
**Coefficients**  
 D<sub>90</sub>= 0.6589      D<sub>85</sub>= 0.5973      D<sub>60</sub>= 0.4203  
 D<sub>50</sub>= 0.3764      D<sub>30</sub>= 0.3019      D<sub>15</sub>= 0.2420  
 D<sub>10</sub>= 0.2099      C<sub>u</sub>= 2.00          C<sub>c</sub>= 1.03

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

**Remarks**  
CADD CODE = CH10D965

Location: USACE Sample # BI-PB-32-10B  
Sample Number: TE Lab ID: 4593.12

Depth: 1.1 -6.1 (ft.)

Date: 7/26/10

**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: G.Fancher

Checked By: R.Byrd