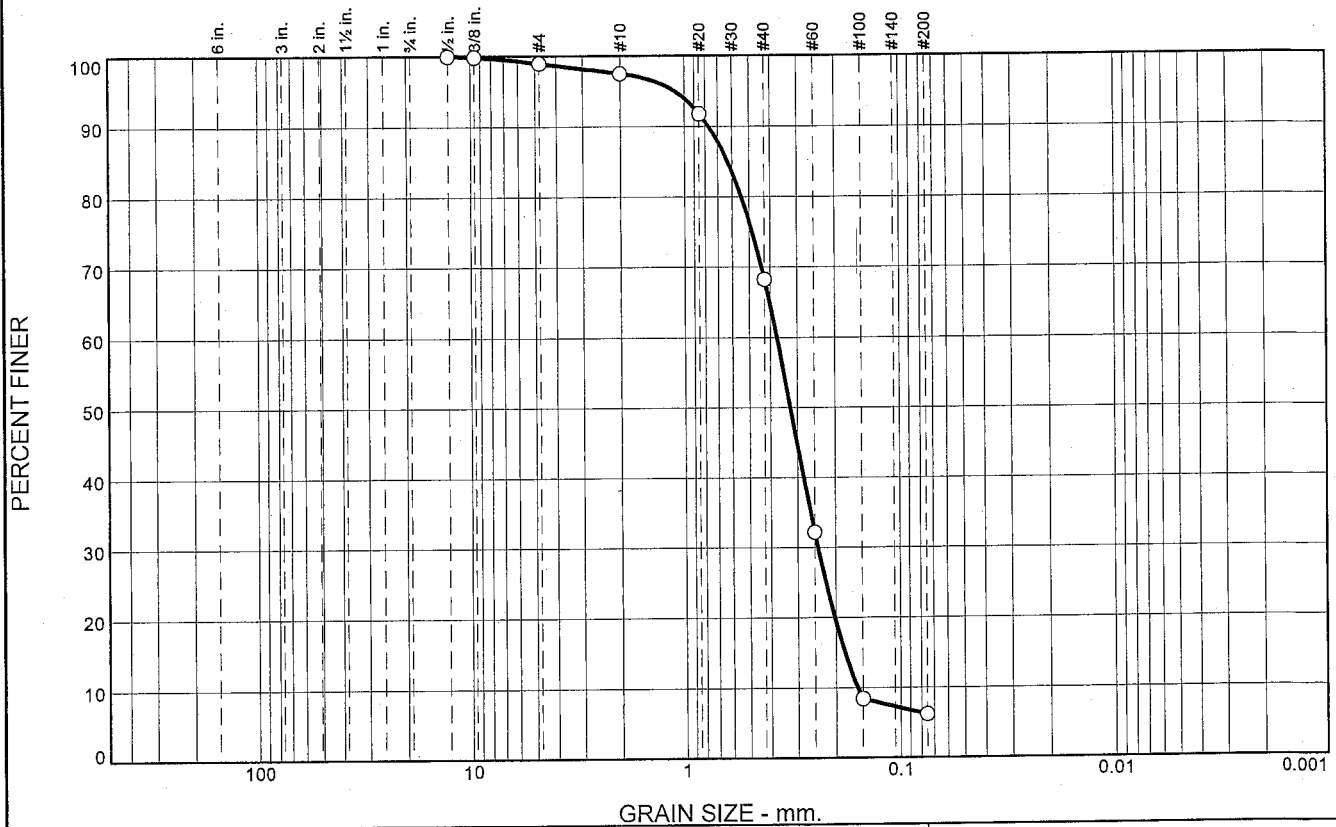


# Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	1.1	1.4	29.3	62.0	6.2	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
.500	100.0		
.375	99.9		
#4	98.9		
#10	97.5		
#20	91.8		
#40	68.2		
#60	32.2		
#100	8.4		
#200	6.2		

\* (no specification provided)

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

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

**Coefficients**  
D<sub>90</sub>= 0.7698      D<sub>85</sub>= 0.6283      D<sub>60</sub>= 0.3728  
D<sub>50</sub>= 0.3229      D<sub>30</sub>= 0.2416      D<sub>15</sub>= 0.1820  
D<sub>10</sub>= 0.1586      C<sub>u</sub>= 2.35      C<sub>c</sub>= 0.99

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

**Remarks**  
CADD CODE = CH10D965

Location: USACE Sample # BI-PB-31-10B  
Sample Number: TE Lab ID: 4593.17

Depth: 4.0 - 7.0 (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