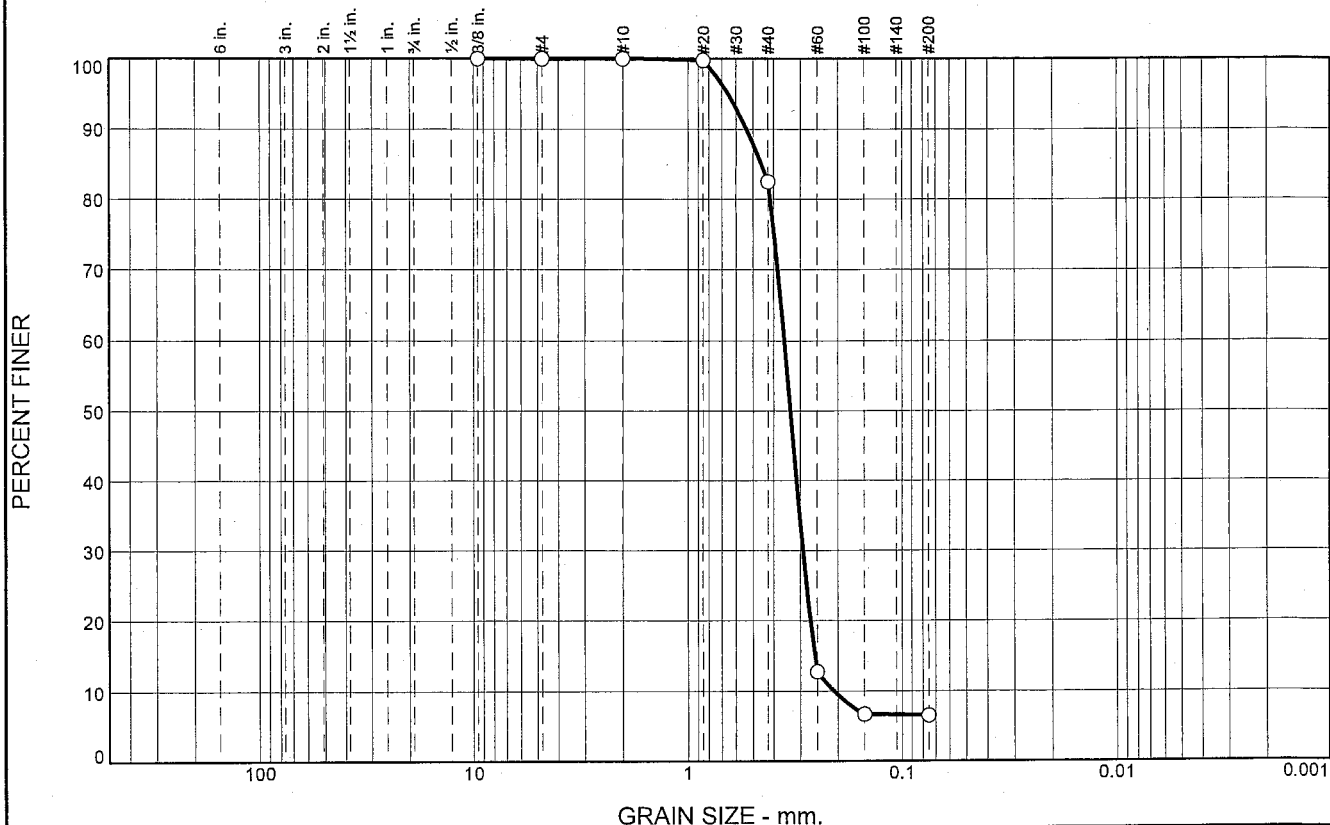


# Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.0	0.0	17.5	76.0	6.5	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
.375	100.0		
#4	100.0		
#10	100.0		
#20	99.8		
#40	82.5		
#60	12.8		
#100	6.7		
#200	6.5		

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

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

**Coefficients**  
 D<sub>90</sub>= 0.5364      D<sub>85</sub>= 0.4567      D<sub>60</sub>= 0.3576  
 D<sub>50</sub>= 0.3345      D<sub>30</sub>= 0.2914      D<sub>15</sub>= 0.2563  
 D<sub>10</sub>= 0.2082      C<sub>u</sub>= 1.72      C<sub>c</sub>= 1.14

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

**Remarks**  
 CADD CODE = CH10D965

\* (no specification provided)

Location: USACE Sample # BI-PB-22-10C  
 Sample Number: TE Lab ID: 4578.23

Depth: 10.6 - 13.6 (ft.)

Date: 7/16/10

**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

Figure

Tested By: G.Fancher

Checked By: R.Byrd