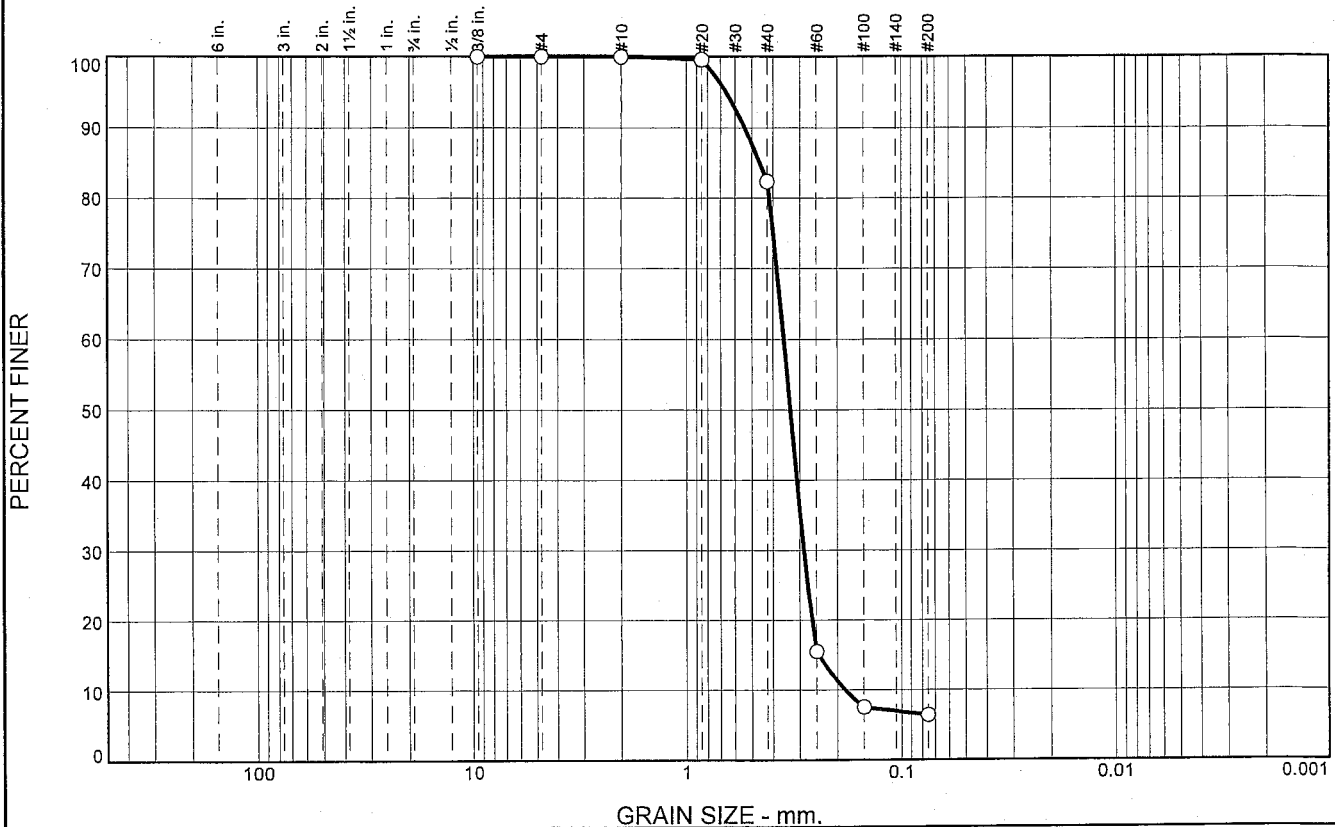


# Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.0	0.0	17.7	75.9	6.4	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
.375	100.0		
#4	100.0		
#10	100.0		
#20	99.6		
#40	82.3		
#60	15.4		
#100	7.5		
#200	6.4		

\* (no specification provided)

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

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

**Coefficients**  
 D<sub>90</sub>= 0.5403      D<sub>85</sub>= 0.4595      D<sub>60</sub>= 0.3555  
 D<sub>50</sub>= 0.3315      D<sub>30</sub>= 0.2866      D<sub>15</sub>= 0.2448  
 D<sub>10</sub>= 0.1846      C<sub>u</sub>= 1.93      C<sub>c</sub>= 1.25

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

**Remarks**  
 CADD CODE = CH10D965

Location: USACE Sample # BI-PB-24-10B  
 Sample Number: TE Lab ID: 4578.29

Depth: 3.6 - 8.6 (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