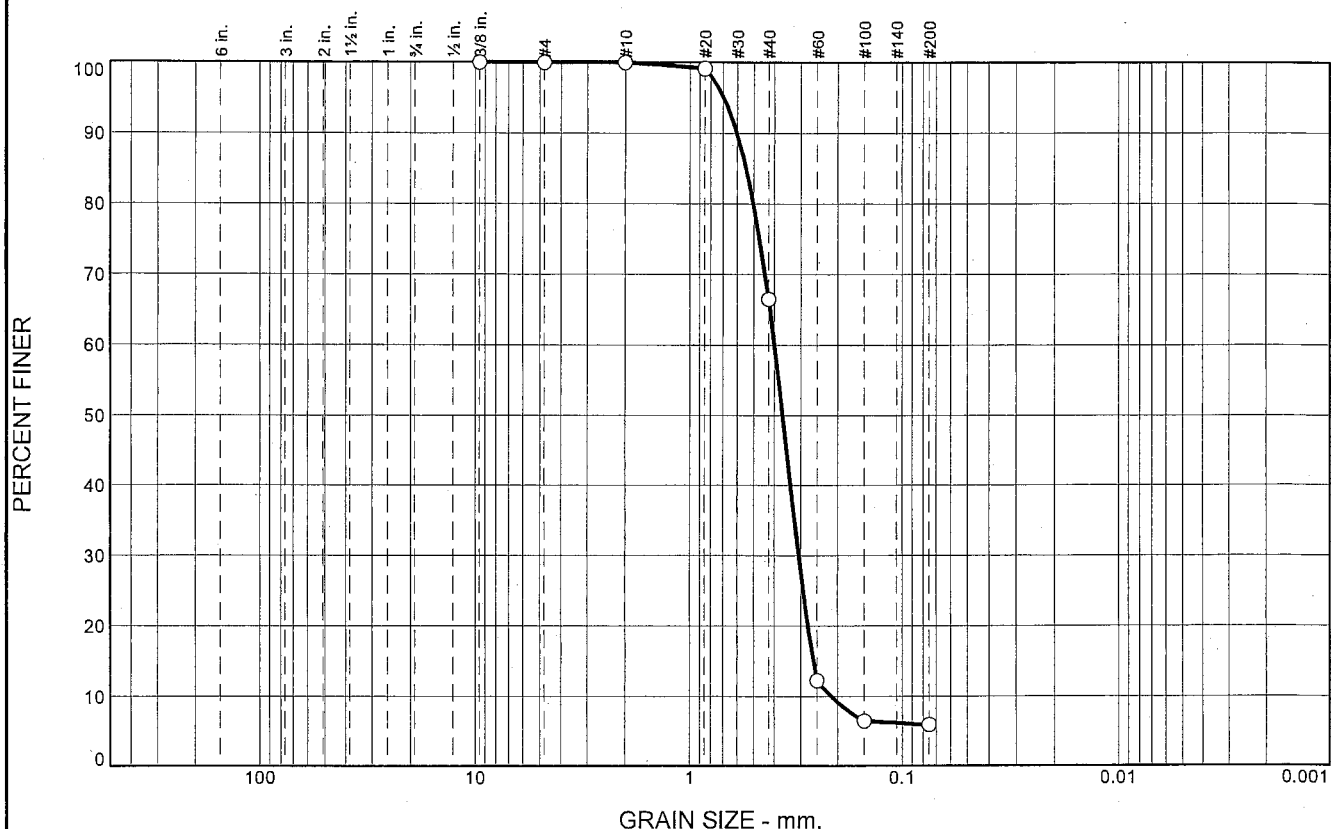


# Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.0	0.0	33.6	60.5	5.9	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
.375	100.0		
#4	100.0		
#10	100.0		
#20	99.1		
#40	66.4		
#60	12.2		
#100	6.5		
#200	5.9		

\* (no specification provided)

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

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

**Coefficients**  
 D<sub>90</sub>= 0.6017    D<sub>85</sub>= 0.5438    D<sub>60</sub>= 0.3992  
 D<sub>50</sub>= 0.3649    D<sub>30</sub>= 0.3059    D<sub>15</sub>= 0.2603  
 D<sub>10</sub>= 0.2138    C<sub>u</sub>= 1.87    C<sub>c</sub>= 1.10

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

**Remarks**  
CADD CODE = CH10D965

Location: USACE Sample # BI-PB-23-10B  
Sample Number: TE Lab ID: 4578.27

Depth: 3.2 - 6.4 (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