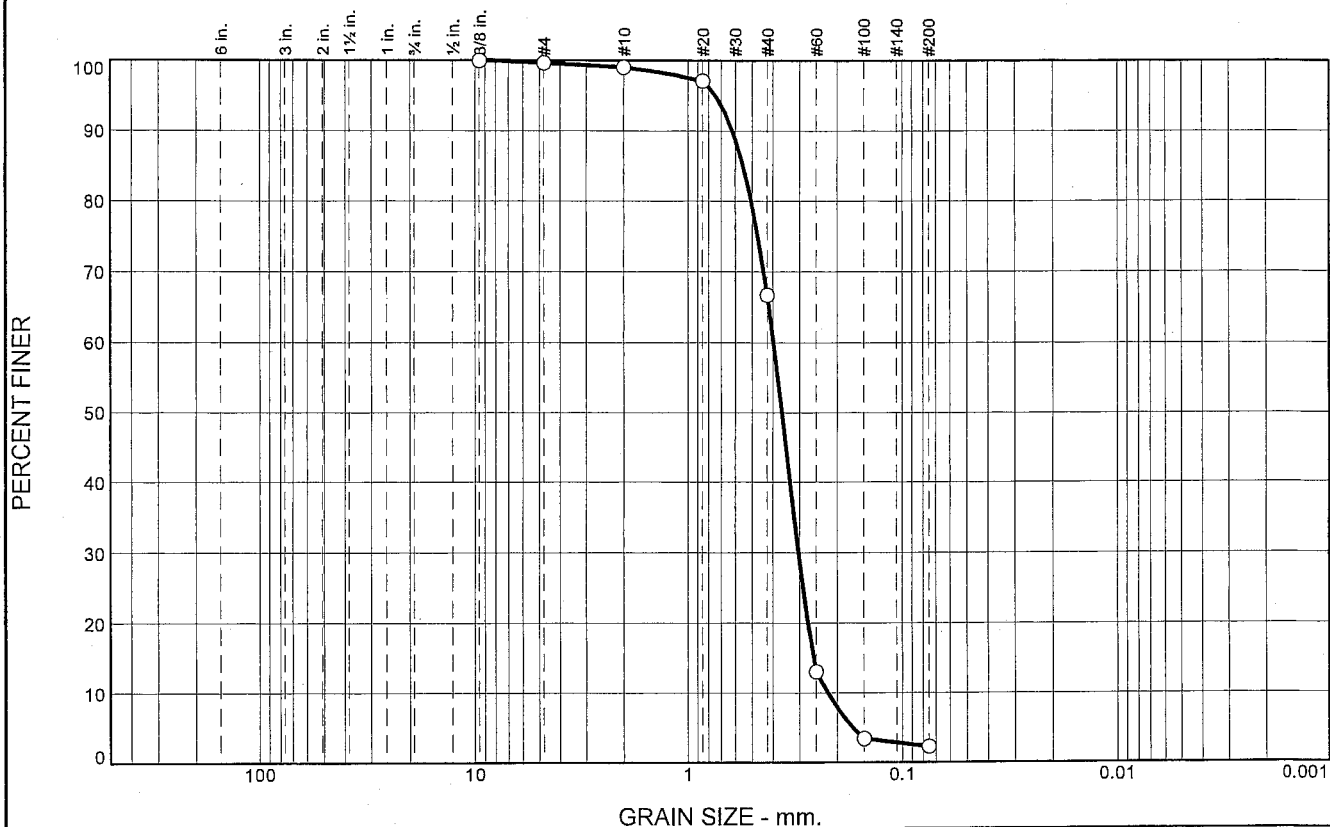


# Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.4	0.6	32.3	64.4	2.3	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
.375	100.0		
#4	99.6		
#10	99.0		
#20	97.1		
#40	66.7		
#60	13.0		
#100	3.4		
#200	2.3		

\* (no specification provided)

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

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

**Coefficients**  
 D<sub>90</sub>= 0.6195      D<sub>85</sub>= 0.5513      D<sub>60</sub>= 0.3971  
 D<sub>50</sub>= 0.3622      D<sub>30</sub>= 0.3026      D<sub>15</sub>= 0.2571  
 D<sub>10</sub>= 0.2206      C<sub>u</sub>= 1.80      C<sub>c</sub>= 1.04

**Classification**  
 USCS= SP      AASHTO=

**Remarks**  
 CADD CODE = CH10D965

Location: USACE Sample # BI-PB-22-10B  
 Sample Number: TE Lab ID: 4578.22

Depth: 5.3 - 10.6 (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