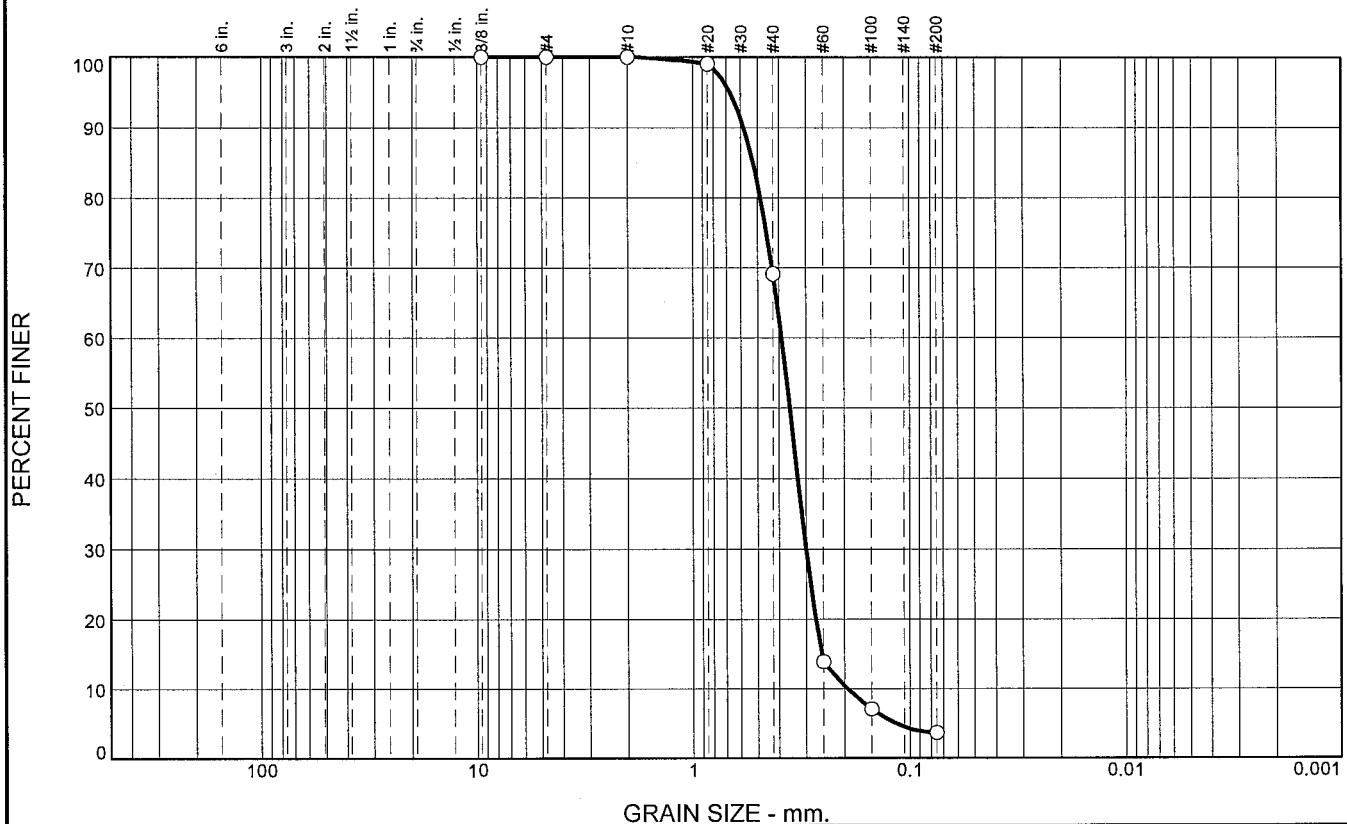


# Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.0	0.0	30.9	65.5	3.6	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
.375	100.0		
#4	100.0		
#10	100.0		
#20	99.0		
#40	69.1		
#60	13.9		
#100	7.1		
#200	3.6		

\* (no specification provided)

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

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

**Coefficients**  
 D<sub>90</sub>= 0.5796      D<sub>85</sub>= 0.5243      D<sub>60</sub>= 0.3892  
 D<sub>50</sub>= 0.3566      D<sub>30</sub>= 0.2996      D<sub>15</sub>= 0.2541  
 D<sub>10</sub>= 0.1934      C<sub>u</sub>= 2.01              C<sub>c</sub>= 1.19

**Classification**  
 USCS= SP                      AASHTO=

**Remarks**  
 CADD CODE = CH10D965

Location: USACE Sample # BI-PB-44-10D  
 Sample Number: TE Lab ID: 4612.18

Depth: 15.0 - 20.0 (ft.)

Date: 8/7/10

**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: J.Maddox

Checked By: R.Byrd