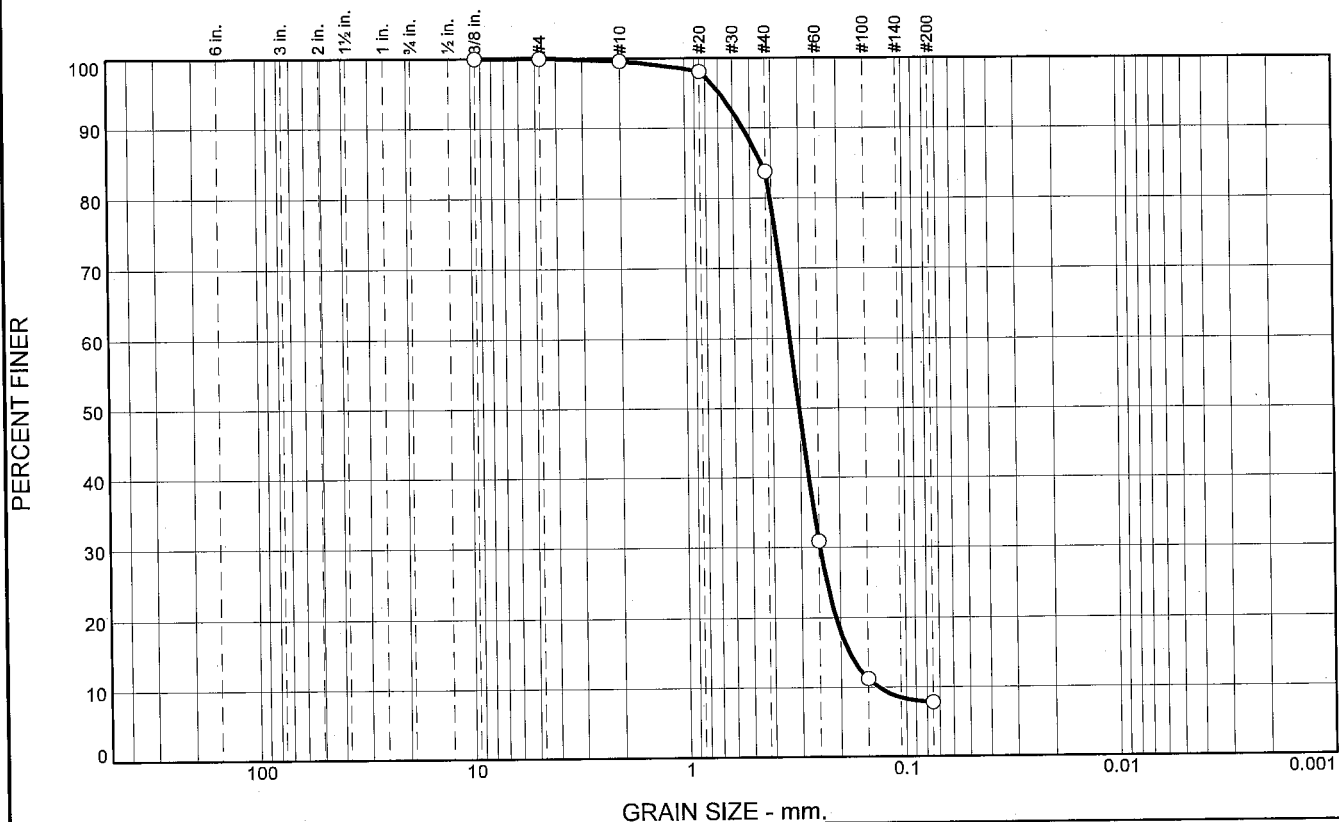


# Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.0	0.4	15.8	76.0	7.8	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
.375	100.0		
#4	100.0		
#10	99.6		
#20	98.1		
#40	83.8		
#60	30.9		
#100	11.3		
#200	7.8		

\* (no specification provided)

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

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

**Coefficients**  
D<sub>90</sub>= 0.5387      D<sub>85</sub>= 0.4434      D<sub>60</sub>= 0.3329  
D<sub>50</sub>= 0.3040      D<sub>30</sub>= 0.2472      D<sub>15</sub>= 0.1830  
D<sub>10</sub>= 0.1339      C<sub>u</sub>= 2.49      C<sub>c</sub>= 1.37

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

**Remarks**  
CADD CODE = CH10D965

Location: USACE Sample # BI-PB-16-10A  
Sample Number: TE Lab ID: 4569.32

Depth: 0.0 - 2.5 (ft.)

Date: 7/8/10

**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: R.Martin

Checked By: R.Byrd