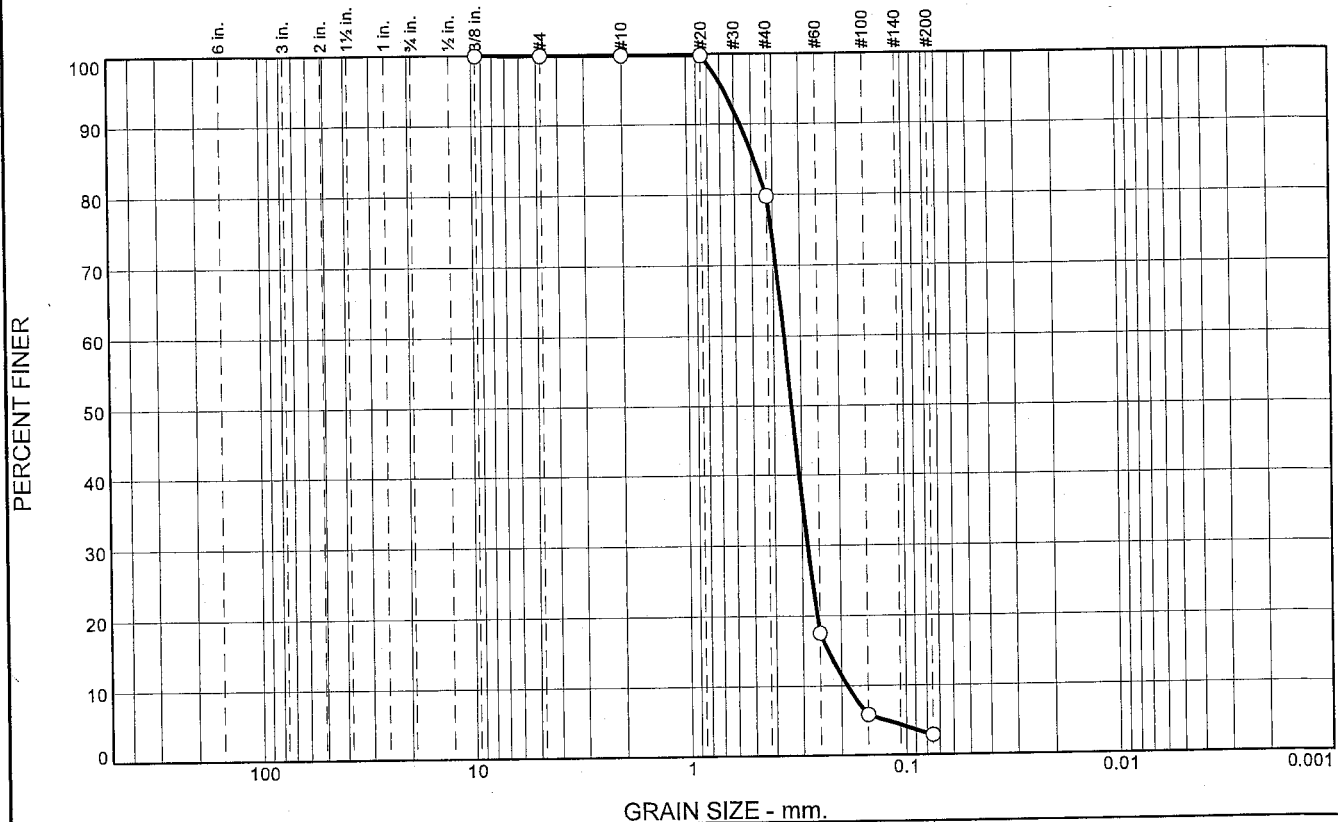


# Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.1	0.0	20.2	76.8	2.9	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
.375	100.0		
#4	99.9		
#10	99.9		
#20	99.8		
#40	79.7		
#60	17.5		
#100	5.8		
#200	2.9		

## Material Description

SAND, (SP), medium to fine grained

## Atterberg Limits

PL=

LL=

PI=

## Coefficients

D<sub>90</sub>= 0.5624

D<sub>85</sub>= 0.4858

D<sub>60</sub>= 0.3582

D<sub>50</sub>= 0.3319

D<sub>30</sub>= 0.2833

D<sub>15</sub>= 0.2293

D<sub>10</sub>= 0.1879

C<sub>u</sub>= 1.91

C<sub>c</sub>= 1.19

## Classification

USCS= SP

AASHTO=

## Remarks

CADD CODE = CH10D965

\* (no specification provided)

Location: USACE Sample # BI-PB-21-10C  
Sample Number: TE Lab ID: 4578.18

Depth: 8.0 - 11.4 (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