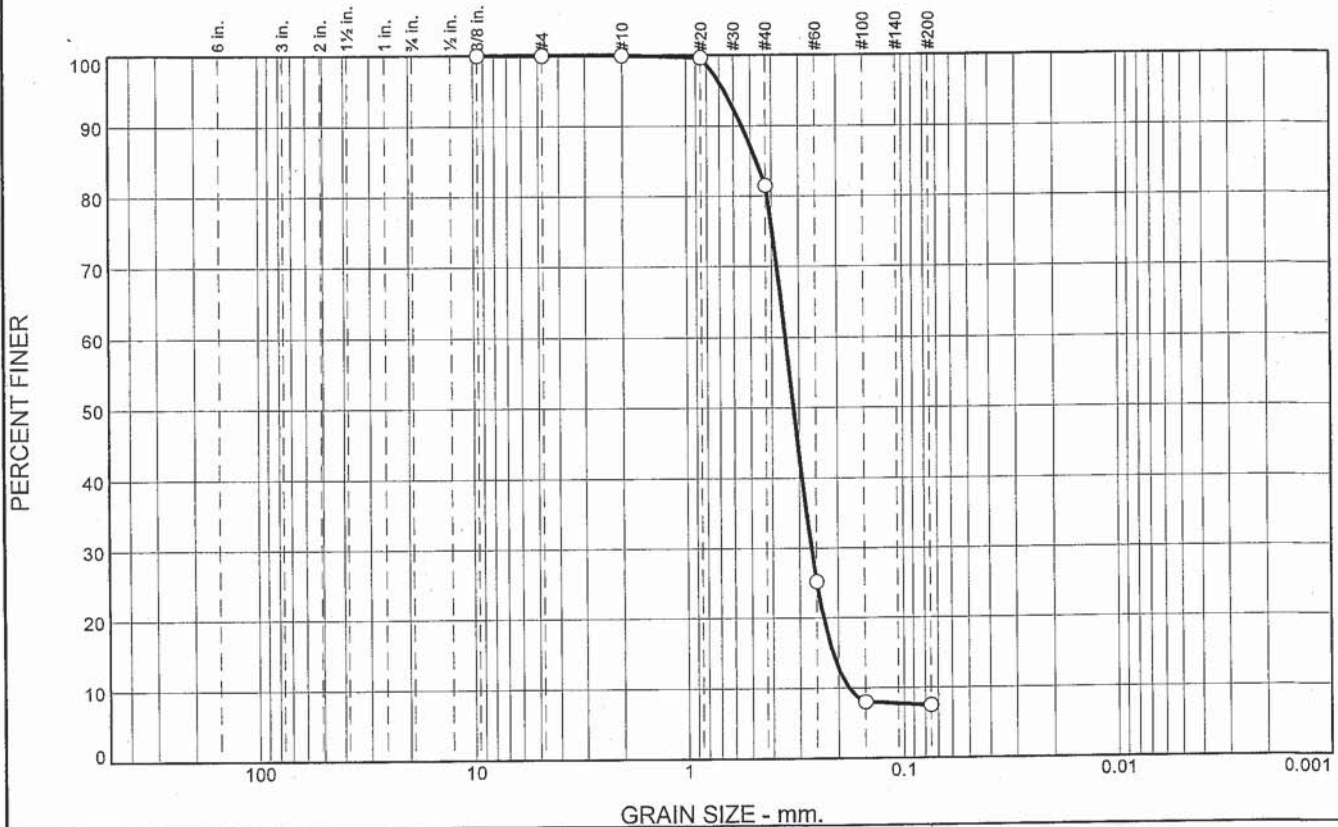


# Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.0	0.0	18.5	74.0	7.5	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
.375	100.0		
#4	100.0		
#10	100.0		
#20	99.6		
#40	81.5		
#60	25.2		
#100	8.0		
#200	7.5		

\* (no specification provided)

## Material Description

SAND, (SP-SM), medium to fine grained

## Atterberg Limits

PL= LL= PI=

## Coefficients

D<sub>90</sub>= 0.5483 D<sub>85</sub>= 0.4687 D<sub>60</sub>= 0.3456  
D<sub>50</sub>= 0.3174 D<sub>30</sub>= 0.2640 D<sub>15</sub>= 0.2117  
D<sub>10</sub>= 0.1791 C<sub>u</sub>= 1.93 C<sub>c</sub>= 1.13

## Classification

USCS= SP-SM AASHTO=

## Remarks

CADD CODE = CH10D965

Location: USACE Sample # BI-PB-34-10C  
Sample Number: TE Lab ID: 4593.03

Depth: 5.3 - 10.3 (ft.)

Date: 7/26/10

**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: G.Fancher

Checked By: R.Byrd