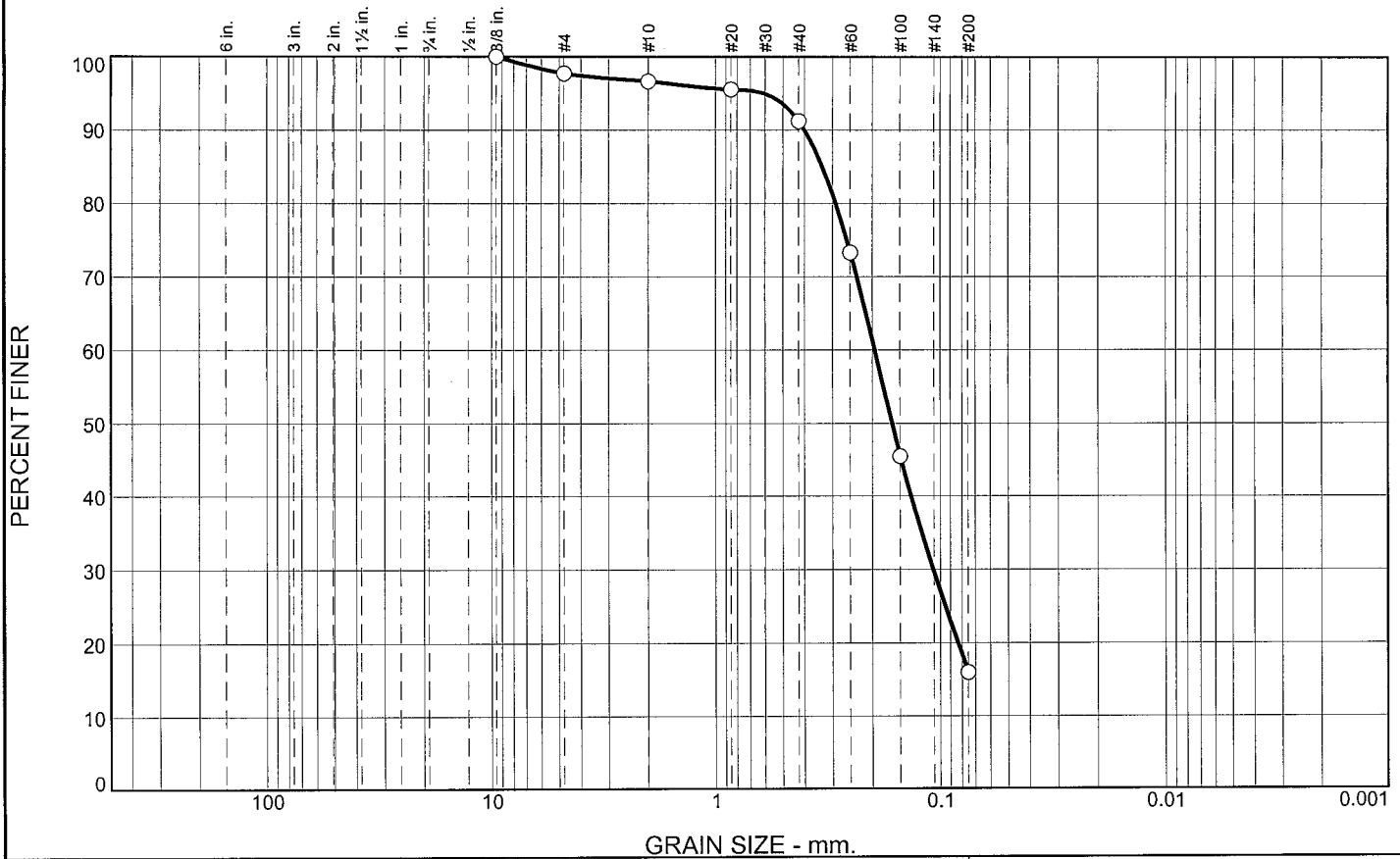


# Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	2.3	1.1	5.4	75.2	16.0	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
.375	100.0		
#4	97.7		
#10	96.6		
#20	95.5		
#40	91.2		
#60	73.3		
#100	45.5		
#200	16.0		

\* (no specification provided)

## Material Description

SILTY SAND, (SM), fine grained, with trace shell

## Atterberg Limits

PL=

LL=

PI=

## Coefficients

D<sub>90</sub>= 0.4006

D<sub>85</sub>= 0.3337

D<sub>60</sub>= 0.1950

D<sub>50</sub>= 0.1633

D<sub>30</sub>= 0.1074

D<sub>15</sub>=

D<sub>10</sub>=

C<sub>u</sub>=

C<sub>c</sub>=

## Classification

USCS= SM

AASHTO=

## Remarks

CADD CODE = CH10D965

Location: USACE Sample # BI-PB-68-10A  
Sample Number: TE Lab ID: 4622.24

Depth: 7.0 - 10.0 (ft.)

Date: 8/15/10

**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