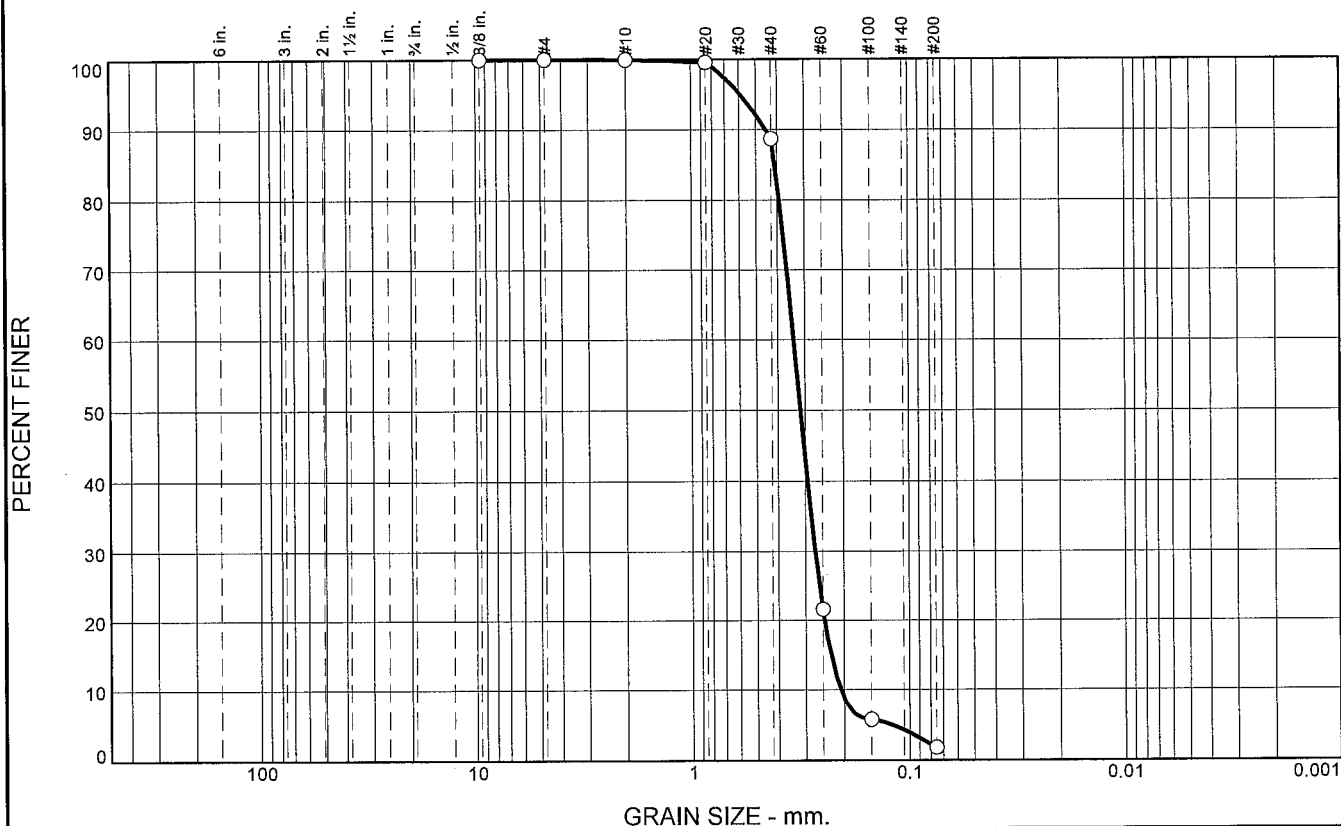


# Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.0	0.1	11.2	86.9	1.8	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
.375	100.0		
#4	100.0		
#10	99.9		
#20	99.5		
#40	88.7		
#60	21.6		
#100	5.8		
#200	1.8		

\* (no specification provided)

## Material Description

SAND, (SP), medium to fine grained

## Atterberg Limits

PL=

LL=

PI=

## Coefficients

D<sub>90</sub>= 0.4516

D<sub>85</sub>= 0.4098

D<sub>60</sub>= 0.3375

D<sub>50</sub>= 0.3146

D<sub>30</sub>= 0.2706

D<sub>15</sub>= 0.2298

D<sub>10</sub>= 0.2079

C<sub>u</sub>= 1.62

C<sub>c</sub>= 1.04

## Classification

USCS= SP

AASHTO=

## Remarks

CADD CODE = CH10D965

Location: USACE Sample # BI-PB-117-10B  
Sample Number: TE Lab ID: 4612.24

Depth: 5.0 - 10.0 (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