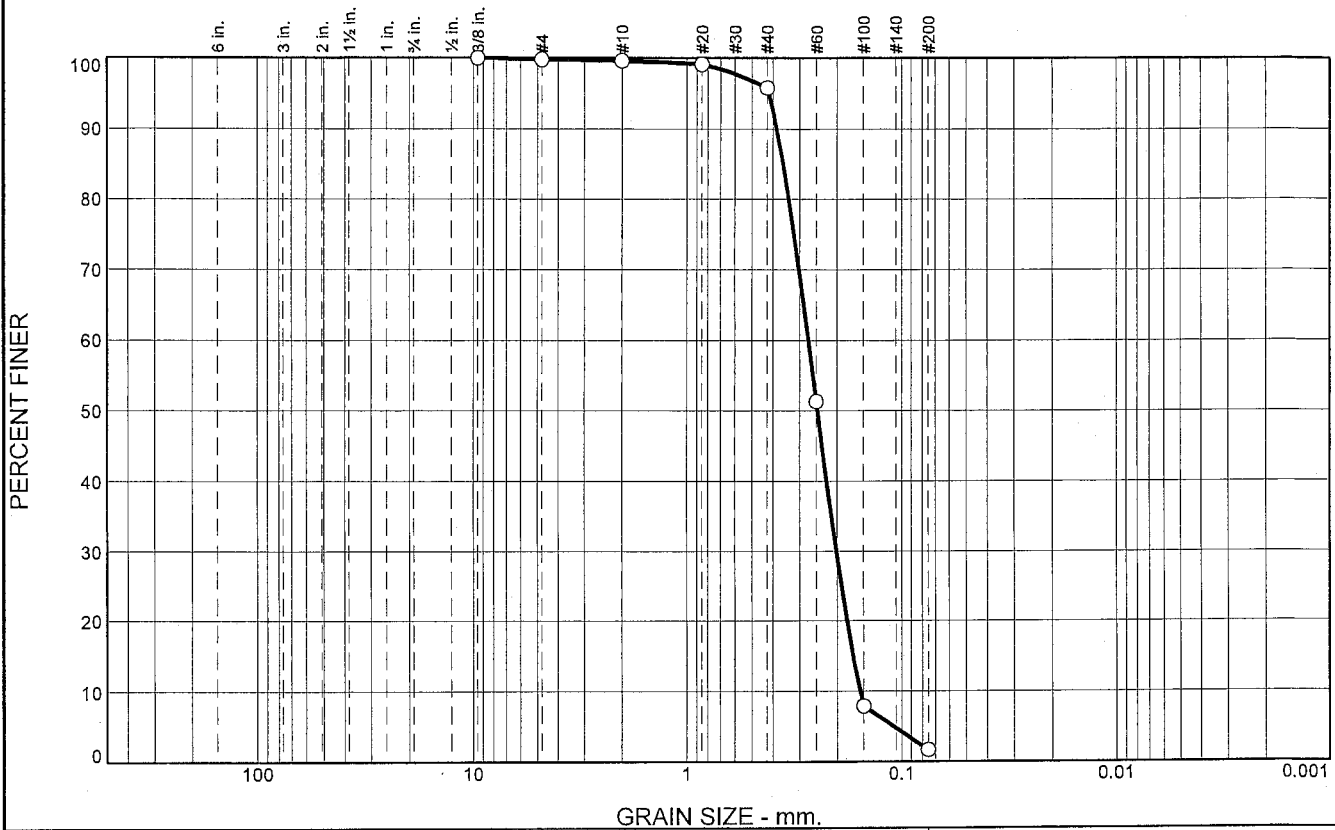


# Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.2	0.2	3.8	94.1	1.7	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
.375	100.0		
#4	99.8		
#10	99.6		
#20	99.1		
#40	95.8		
#60	51.3		
#100	7.9		
#200	1.7		

\* (no specification provided)

## Material Description

SAND, (SP), fine grained

## Atterberg Limits

PL= LL= PI=

## Coefficients

D<sub>90</sub>= 0.3841 D<sub>85</sub>= 0.3583 D<sub>60</sub>= 0.2724  
D<sub>50</sub>= 0.2468 D<sub>30</sub>= 0.2013 D<sub>15</sub>= 0.1681  
D<sub>10</sub>= 0.1557 C<sub>u</sub>= 1.75 C<sub>c</sub>= 0.96

## Classification

USCS= SP AASHTO=

## Remarks

CADD CODE = CH10D965

Location: USACE Sample # BI-PB-28-10A  
Sample Number: TE Lab ID: 4593.60

Depth: 0.0 - 5.0 (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