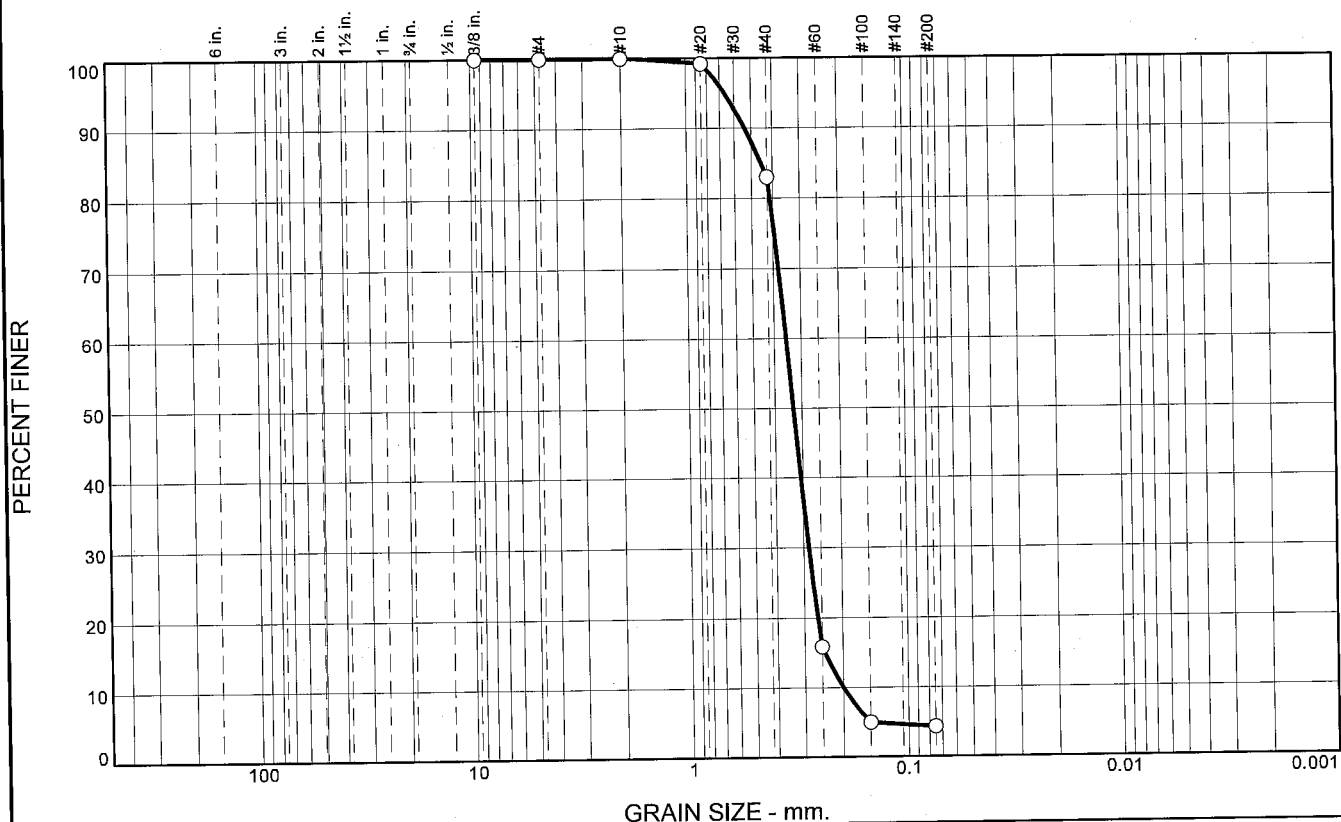


# Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.0	0.0	17.0	78.7	4.3	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
.375	100.0		
#4	100.0		
#10	100.0		
#20	99.2		
#40	83.0		
#60	15.9		
#100	5.0		
#200	4.3		

\* (no specification provided)

## Material Description

SAND, (SP), medium to fine grained

## Atterberg Limits

PL= LL= PI=

## Coefficients

D<sub>90</sub>= 0.5361 D<sub>85</sub>= 0.4517 D<sub>60</sub>= 0.3532  
D<sub>50</sub>= 0.3292 D<sub>30</sub>= 0.2847 D<sub>15</sub>= 0.2426  
D<sub>10</sub>= 0.1996 C<sub>u</sub>= 1.77 C<sub>c</sub>= 1.15

## Classification

USCS= SP AASHTO=

## Remarks

CADD CODE = CH10D965

Location: USACE Sample # BI-PB-12-10B  
Sample Number: TE Lab ID: 4569.25

Depth: 6.0 - 12.0 (ft.)

Date: 7/8/10

**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: R.Martin

Checked By: R.Byrd