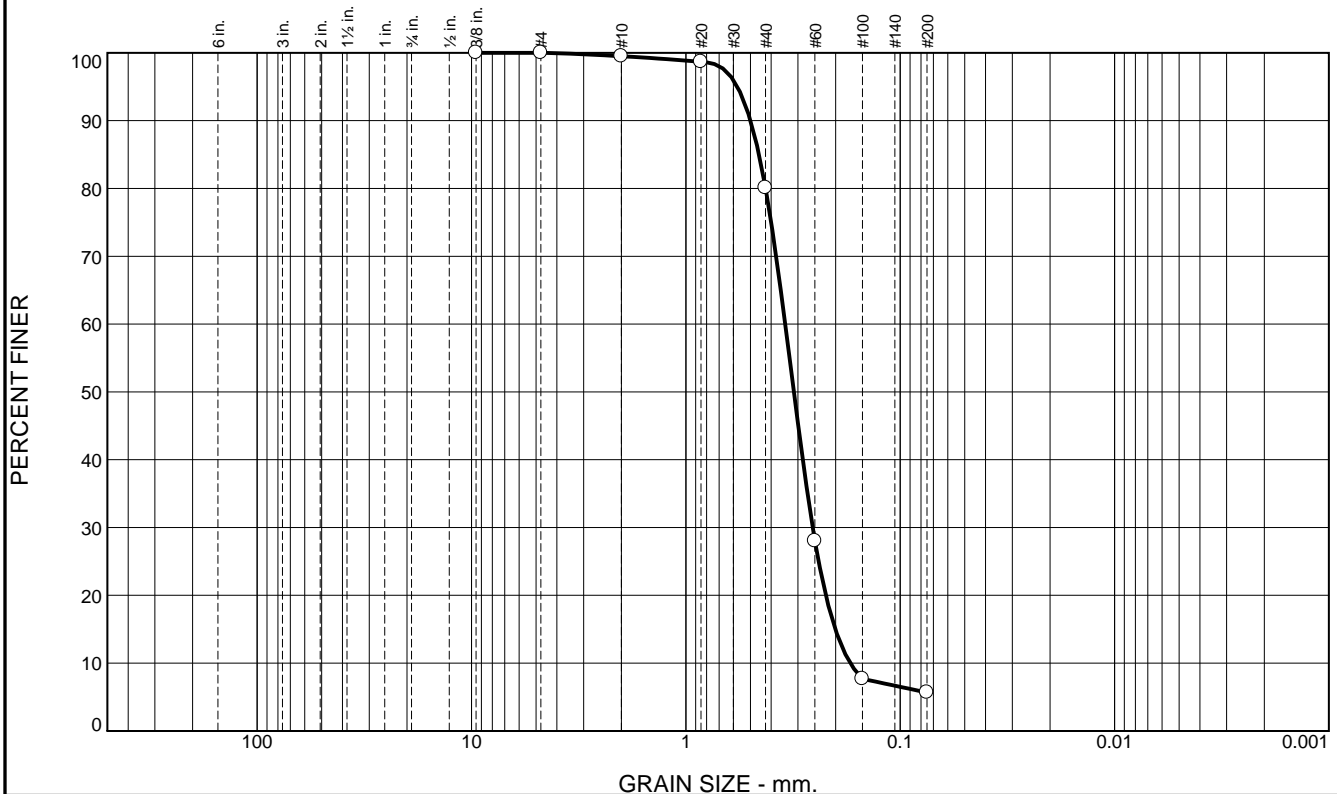


# Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.0	0.5	19.4	74.4	5.7	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
.375	100.0		
#4	100.0		
#10	99.5		
#20	98.7		
#40	80.1		
#60	28.0		
#100	7.7		
#200	5.7		

\* (no specification provided)

## Material Description

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

## Atterberg Limits

PL=

LL=

PI=

## Coefficients

D<sub>90</sub>= 0.4992

D<sub>85</sub>= 0.4556

D<sub>60</sub>= 0.3441

D<sub>50</sub>= 0.3135

D<sub>30</sub>= 0.2561

D<sub>15</sub>= 0.2008

D<sub>10</sub>= 0.1710

C<sub>u</sub>= 2.01

C<sub>c</sub>= 1.11

## Classification

USCS= SP-SM

AASHTO=

## Remarks

Location: USACE Sample # BI-PB-138D-11  
Sample Number: TE Lab ID: 5054.129

Depth: 15.0 - 16.5 (ft)

Date: 7/18/11

**Thompson Engineering**

**Mobile, Alabama**

Client: US Army Corps of Engineers

Project: Contract No. W91278-10-D-0026 - Task 009  
Mississippi Barrier Island Restoration Project

Project No: 11-2116-0057

Figure