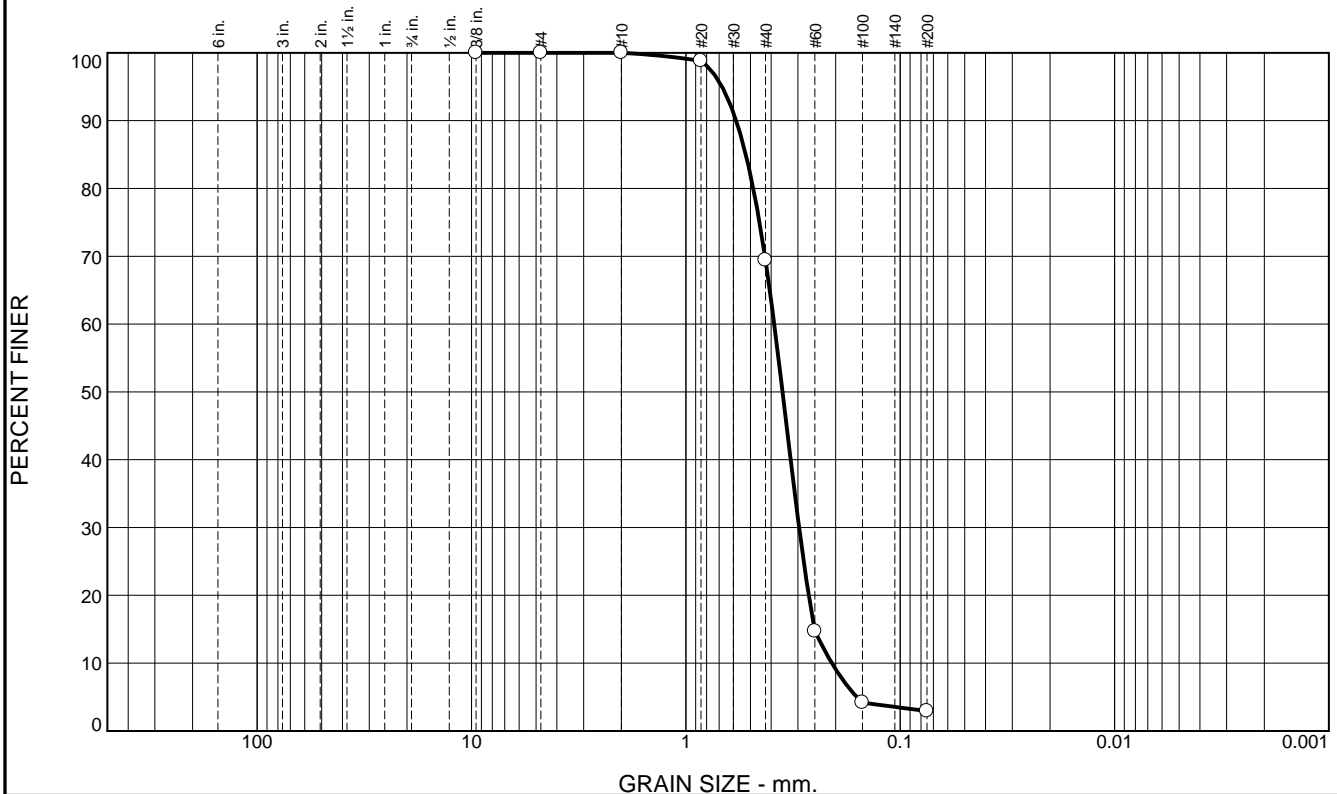


# Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.0	0.0	30.6	66.5	2.9	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
.375	100.0		
#4	100.0		
#10	100.0		
#20	98.8		
#40	69.4		
#60	14.7		
#100	4.2		
#200	2.9		

\* (no specification provided)

## Material Description

SAND (SP), medium to fine grained

PL=

## Atterberg Limits

LL=

PI=

## Coefficients

D<sub>90</sub>= 0.5818

D<sub>85</sub>= 0.5249

D<sub>60</sub>= 0.3872

D<sub>50</sub>= 0.3541

D<sub>30</sub>= 0.2965

D<sub>15</sub>= 0.2511

D<sub>10</sub>= 0.2083

C<sub>u</sub>= 1.86

C<sub>c</sub>= 1.09

## Classification

USCS= SP

AASHTO=

## Remarks

Location: USACE Sample # BI-PB-145B-11  
Sample Number: TE Lab ID: 5054.146

Depth: 4.0 - 7.3 (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