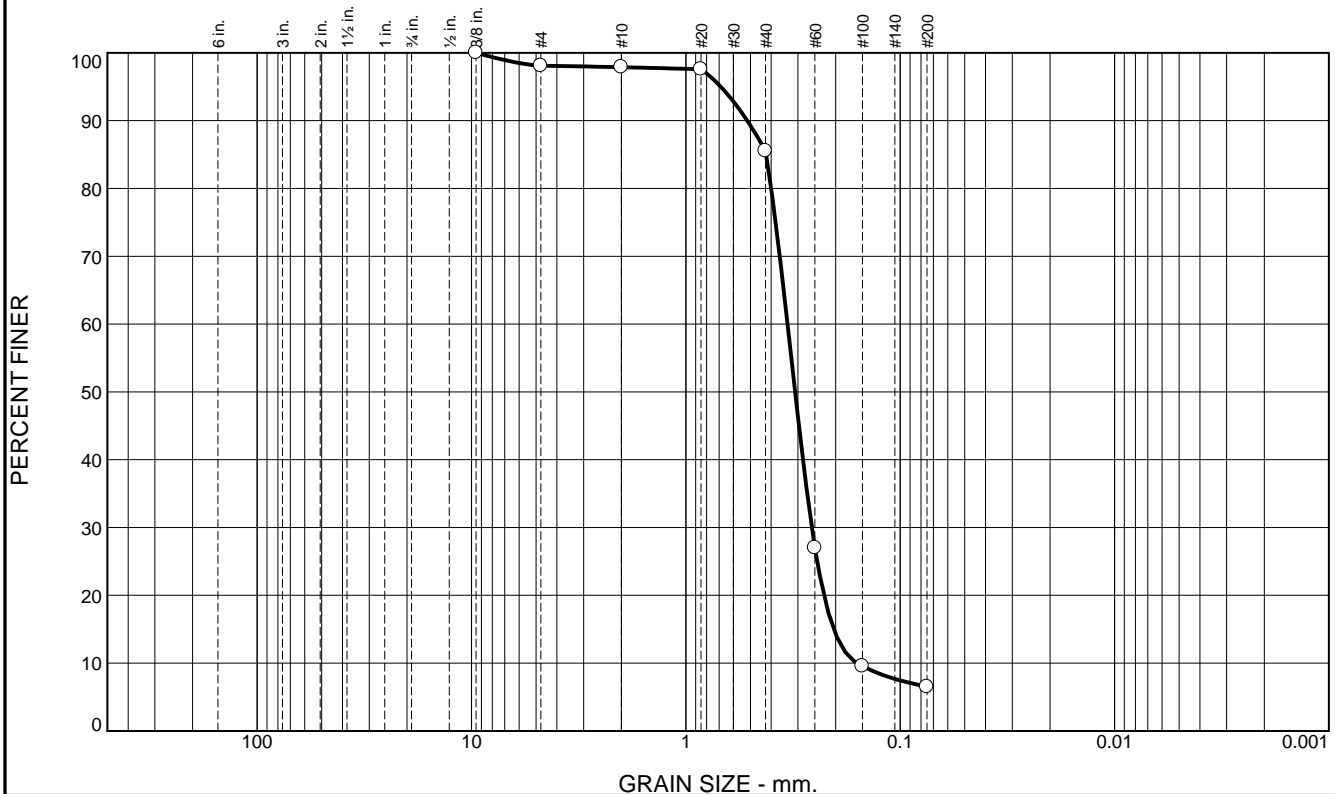


# Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	1.9	0.2	12.4	79.0	6.5	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
.375	100.0		
#4	98.1		
#10	97.9		
#20	97.6		
#40	85.5		
#60	27.0		
#100	9.5		
#200	6.5		

\* (no specification provided)

## Material Description

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

## Atterberg Limits

PL= LL= PI=

## Coefficients

D<sub>90</sub>= 0.5168 D<sub>85</sub>= 0.4223 D<sub>60</sub>= 0.3356  
D<sub>50</sub>= 0.3095 D<sub>30</sub>= 0.2586 D<sub>15</sub>= 0.2042  
D<sub>10</sub>= 0.1590 C<sub>u</sub>= 2.11 C<sub>c</sub>= 1.25

## Classification

USCS= SP-SM AASHTO=

## Remarks

Location: USACE Sample # BI-PB-131A-11  
Sample Number: TE Lab ID: 5054.106

Depth: 0.0 - 3.3 (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**