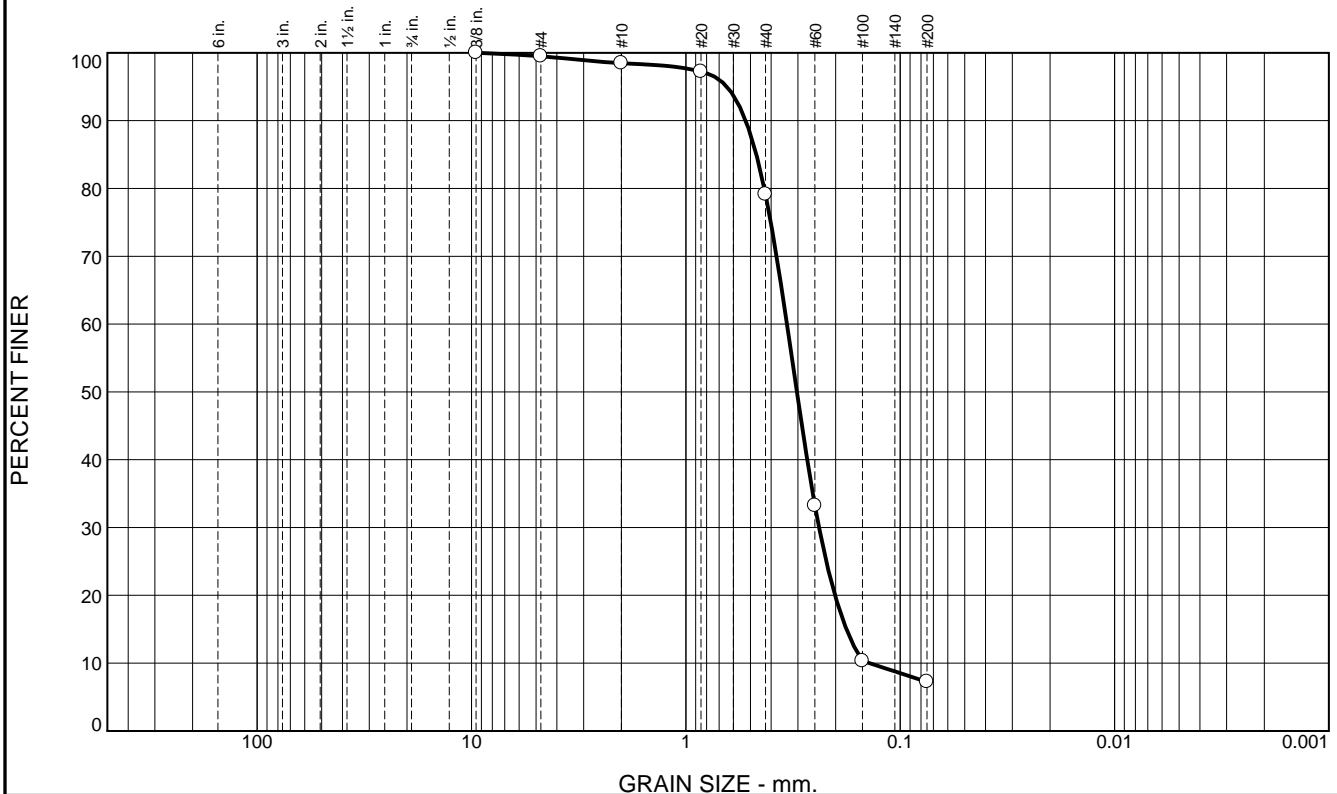


# Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.5	1.0	19.4	71.9	7.2	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
.375	100.0		
#4	99.5		
#10	98.5		
#20	97.2		
#40	79.1		
#60	33.2		
#100	10.3		
#200	7.2		

\* (no specification provided)

## Material Description

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

## Atterberg Limits

PL= LL= PI=

## Coefficients

D<sub>90</sub>= 0.5256 D<sub>85</sub>= 0.4687 D<sub>60</sub>= 0.3377  
D<sub>50</sub>= 0.3035 D<sub>30</sub>= 0.2392 D<sub>15</sub>= 0.1782  
D<sub>10</sub>= 0.1393 C<sub>u</sub>= 2.42 C<sub>c</sub>= 1.22

## Classification

USCS= SP-SM AASHTO=

## Remarks

Location: USACE Sample # BI-PB-136B-11  
Sample Number: TE Lab ID: 5054.125

Depth: 3.0 - 6.5 (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