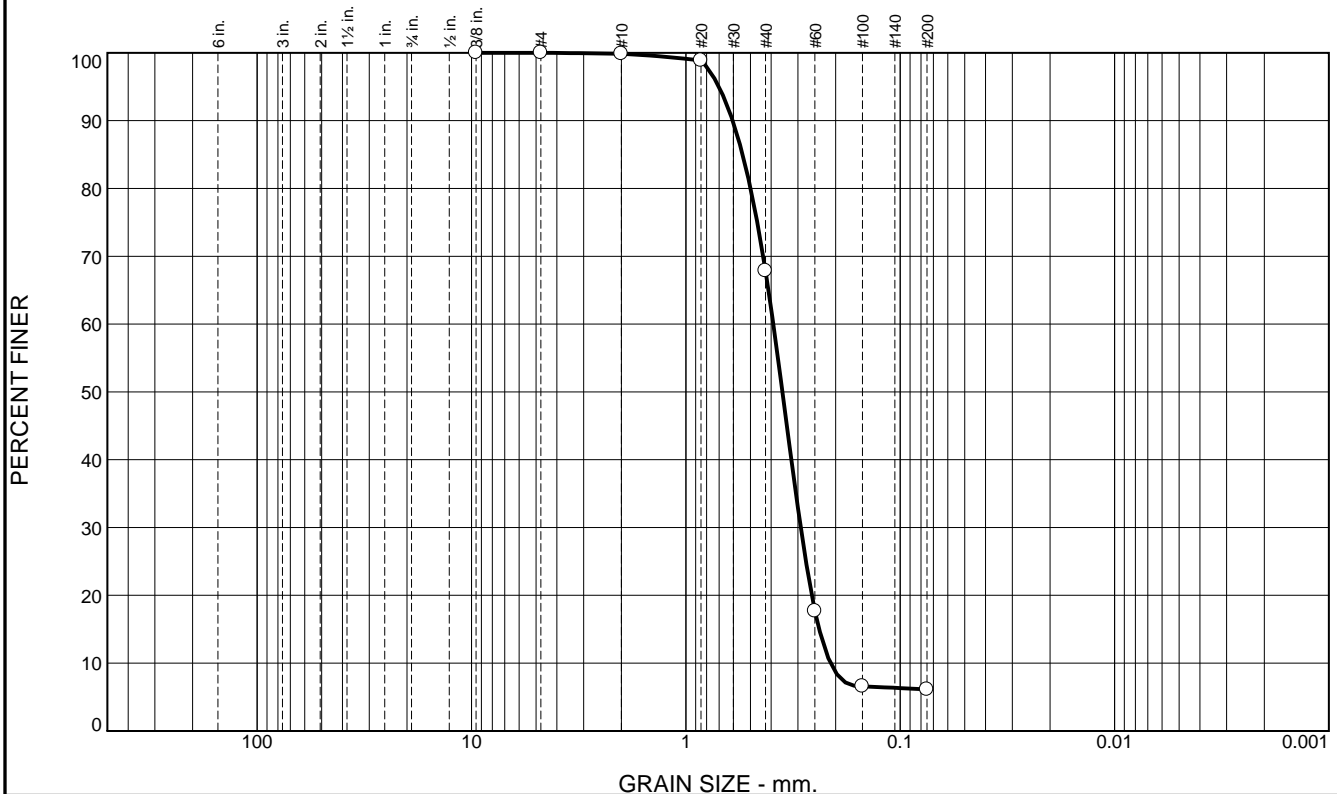


# Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.0	0.1	32.1	61.7	6.1	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
.375	100.0		
#4	100.0		
#10	99.9		
#20	98.9		
#40	67.8		
#60	17.7		
#100	6.6		
#200	6.1		

\* (no specification provided)

## Material Description

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

## Atterberg Limits

PL= LL= PI=

## Coefficients

D<sub>90</sub>= 0.6045 D<sub>85</sub>= 0.5434 D<sub>60</sub>= 0.3910  
D<sub>50</sub>= 0.3546 D<sub>30</sub>= 0.2913 D<sub>15</sub>= 0.2389  
D<sub>10</sub>= 0.2113 C<sub>u</sub>= 1.85 C<sub>c</sub>= 1.03

## Classification

USCS= SP-SM AASHTO=

## Remarks

Location: USACE Sample # BI-PB-142A-11  
Sample Number: TE Lab ID: 5054.137

Depth: 1.2 - 4.0 (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