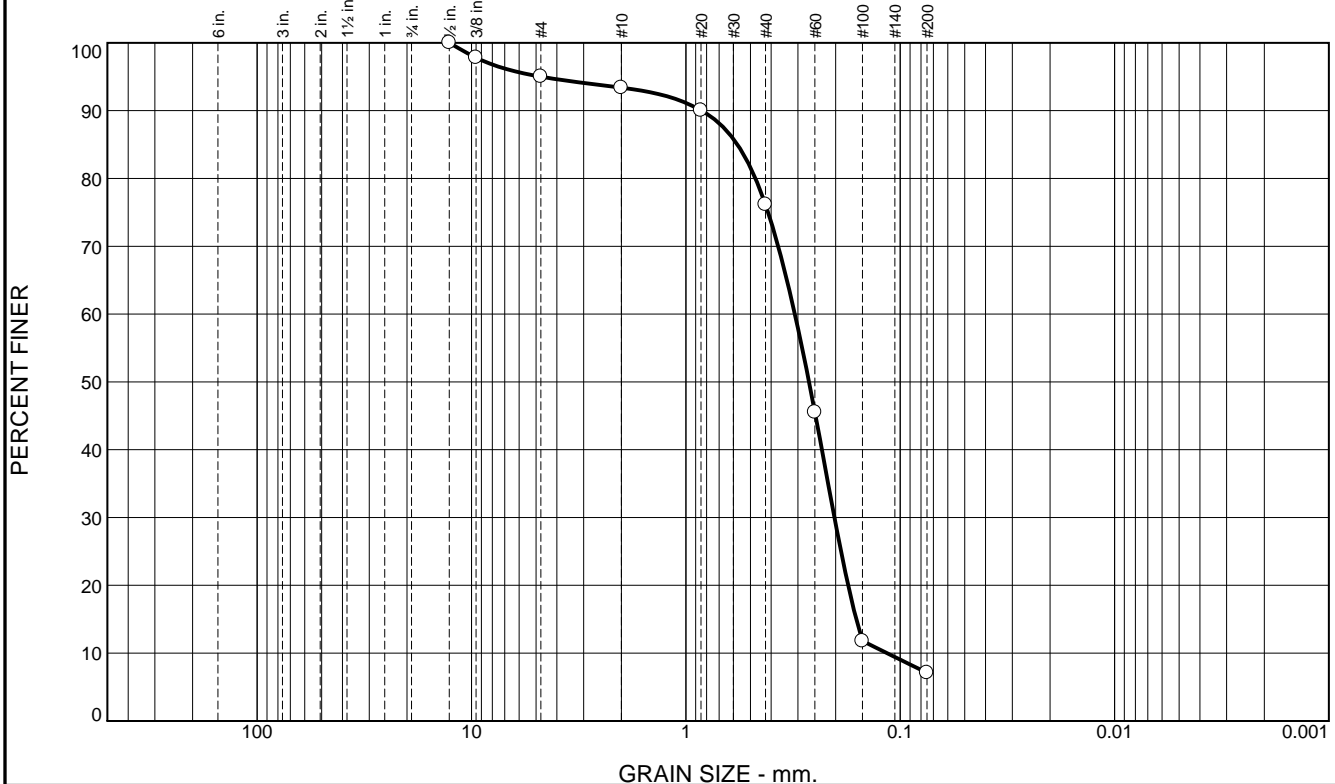


# Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	5.0	1.6	17.3	69.0	7.1	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
.5	100.0		
.375	97.8		
#4	95.0		
#10	93.4		
#20	90.0		
#40	76.1		
#60	45.5		
#100	11.8		
#200	7.1		

\* (no specification provided)

## Material Description

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

## Atterberg Limits

PL= LL= PI=

## Coefficients

D<sub>90</sub>= 0.8462 D<sub>85</sub>= 0.5744 D<sub>60</sub>= 0.3103  
D<sub>50</sub>= 0.2664 D<sub>30</sub>= 0.2026 D<sub>15</sub>= 0.1604  
D<sub>10</sub>= 0.1152 C<sub>u</sub>= 2.69 C<sub>c</sub>= 1.15

## Classification

USCS= SP-SM AASHTO=

## Remarks

There are two samples marked BI-PB-144A-11, 0 - 4 ft and no sample marked BI-PB-145A-11. Both samples were tested and marked BI-PB-144A-1-11 and BI-PB-144A-2-11.

Location: USACE Sample # BI-PB-144A-1-11

Sample Number: TE Lab ID: 5054.141

Depth: 0.0 - 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**