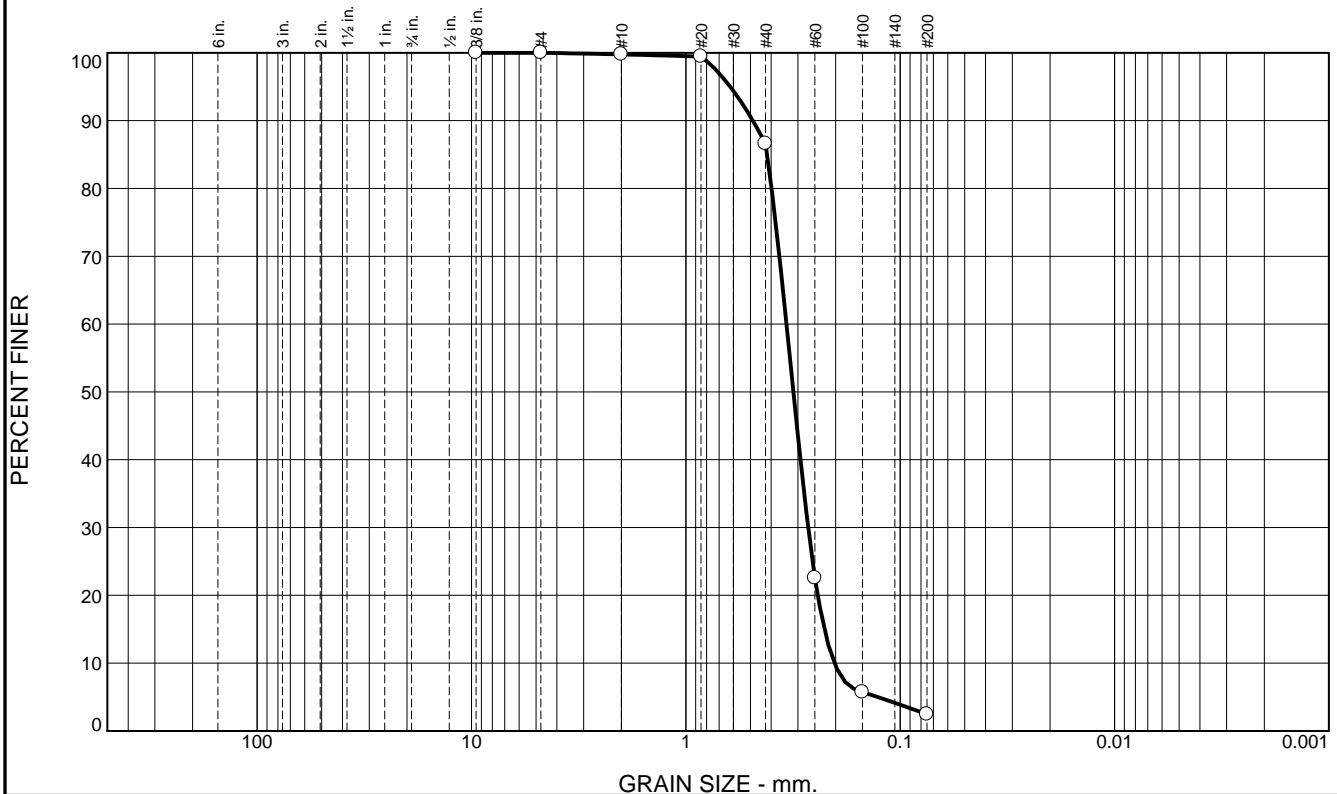


# Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.0	0.2	13.2	84.1	2.5	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
.375	100.0		
#4	100.0		
#10	99.8		
#20	99.5		
#40	86.6		
#60	22.6		
#100	5.7		
#200	2.5		

\* (no specification provided)

Material Description		
SAND (SP), medium to fine grained		
<div> <div> <b>Atterberg Limits</b> </div> <div>           PL=      LL=      PI=         </div> </div>		
<div> <div> <b>Coefficients</b> </div> <div>           D<sub>90</sub>= 0.4868      D<sub>85</sub>= 0.4179      D<sub>60</sub>= 0.3394            D<sub>50</sub>= 0.3152      D<sub>30</sub>= 0.2690      D<sub>15</sub>= 0.2258            D<sub>10</sub>= 0.2027      C<sub>u</sub>= 1.67      C<sub>c</sub>= 1.05         </div> </div>		
<div> <div> <b>Classification</b> </div> <div>           USCS= SP      AASHTO=         </div> </div>		
<div> <b>Remarks</b> </div>		

Location: USACE Sample # BI-PB-132C-11  
Sample Number: TE Lab ID: 5054.105

Depth: 10.0 - 14.8 (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**