

# Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.0	0.6	14.3	83.1	2.0	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
.375	100.0		
#4	100.0		
#10	99.4		
#20	97.8		
#40	85.1		
#60	35.9		
#100	3.5		
#200	2.0		

\* (no specification provided)

Material Description		
SAND (SP), medium to fine grained		
<div> <div> <b>Atterberg Limits</b>            PL=      LL=      PI=         </div> <div> <b>Coefficients</b>            D<sub>90</sub>= 0.5248      D<sub>85</sub>= 0.4246      D<sub>60</sub>= 0.3185            D<sub>50</sub>= 0.2887      D<sub>30</sub>= 0.2340      D<sub>15</sub>= 0.1911            D<sub>10</sub>= 0.1751      C<sub>u</sub>= 1.82      C<sub>c</sub>= 0.98         </div> <div> <b>Classification</b>            USCS= SP      AASHTO=         </div> <div> <b>Remarks</b> </div> </div>		

Location: USACE Sample # BI-PB-147A-11  
Sample Number: TE Lab ID: 5054.134

Depth: 0.0 - 2.0 (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

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**Figure**