

# Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.0	0.3	6.0	91.0	2.7	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
1	100.0		
.75	100.0		
.5	100.0		
.375	100.0		
#4	100.0		
#10	99.7		
#20	98.7		
#40	93.7		
#60	65.0		
#100	16.2		
#140	4.9		
#200	2.7		

\* (no specification provided)

Material Description		
Fine grained, SAND		
<div> <div> <b>Atterberg Limits</b> </div> <div>           PL=      LL=      PI=         </div> </div>		
<div> <div> <b>Coefficients</b> </div> <div>           D<sub>90</sub>= 0.3762      D<sub>85</sub>= 0.3346      D<sub>60</sub>= 0.2370            D<sub>50</sub>= 0.2148      D<sub>30</sub>= 0.1771      D<sub>15</sub>= 0.1471            D<sub>10</sub>= 0.1328      C<sub>u</sub>= 1.78      C<sub>c</sub>= 1.00         </div> </div>		
<div> <div> <b>Classification</b> </div> <div>           USCS= SP      AASHTO=         </div> </div>		
<div> <div> <b>Remarks</b> </div> </div>		

Location: BI-PBS-17-12 A  
Sample Number: 6469 (24)

Depth: 0.0'

Date: 11/28/12

**Thompson Engineering**

**Mobile, Alabama**

Client: CDM/Thompson Engineering JV  
Project: MsCIP Barrier Island Restoration GT

Project No: 1221110095

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