

# Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.1	1.0	6.8	88.4	3.7	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
1	100.0		
.75	100.0		
.5	100.0		
.375	100.0		
#4	99.9		
#10	98.9		
#20	97.1		
#40	92.1		
#60	70.0		
#100	13.2		
#140	4.9		
#200	3.7		

\* (no specification provided)

Material Description		
Fine grained, SAND		
<div> <div> Atterberg Limits </div> <div> PL= </div> <div> LL= </div> <div> PI= </div> </div>		
<div> <div> Coefficients </div> <div> D<sub>90</sub>= 0.3712 </div> <div> D<sub>50</sub>= 0.2097 </div> <div> D<sub>10</sub>= 0.1420 </div> <div> D<sub>85</sub>= 0.3135 </div> <div> D<sub>30</sub>= 0.1785 </div> <div> C<sub>u</sub>= 1.60 </div> <div> D<sub>60</sub>= 0.2276 </div> <div> D<sub>15</sub>= 0.1537 </div> <div> C<sub>c</sub>= 0.99 </div> </div>		
<div> <div> Classification </div> <div> USCS= SP </div> <div> AASHTO= </div> </div>		
<div> <div> Remarks </div> </div>		

Location: BI-PBS-16-12 B  
Sample Number: 6469 (31)

Depth: 2.5'

Date: 11/28/12

**Thompson Engineering**

**Mobile, Alabama**

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

Project No: 1221110095

Figure