

# Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.4	0.5	8.2	81.9	9.0	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
1	100.0		
.75	100.0		
.5	100.0		
.375	99.7		
#4	99.6		
#10	99.1		
#20	97.5		
#40	90.9		
#60	69.9		
#100	23.1		
#140	11.8		
#200	9.0		

\* (no specification provided)

<b>Material Description</b> Fine grained, SLIGHTLY SILTY SAND		
PL=	<b>Atterberg Limits</b> LL=	PI=
<b>Coefficients</b> D <sub>90</sub> = 0.4032    D <sub>85</sub> = 0.3308    D <sub>60</sub> = 0.2235 D <sub>50</sub> = 0.2021    D <sub>30</sub> = 0.1642    D <sub>15</sub> = 0.1253 D <sub>10</sub> = 0.0882    C <sub>u</sub> = 2.53    C <sub>c</sub> = 1.37		
<b>Classification</b> USCS= SP-SM    AASHTO=		
<b>Remarks</b>		

Location: BI-PBS-23-12 B  
Sample Number: 6469 (20)

Depth: 7.9'

Date: 11/28/12

**Thompson Engineering**

**Mobile, Alabama**

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

Project No: 1221110095

Figure