

# Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.0	0.0	24.8	71.6	3.6	

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	100.0		
#20	98.7		
#40	75.2		
#60	11.2		
#100	4.0		
#140	3.7		
#200	3.6		

\* (no specification provided)

<u><b>Material Description</b></u>		
Fine to medium grained, SAND		
<u><b>Atterberg Limits</b></u>		
PL=	LL=	PI=
<u><b>Coefficients</b></u>		
D <sub>90</sub> = 0.5163	D <sub>85</sub> = 0.4761	D <sub>60</sub> = 0.3739
D <sub>50</sub> = 0.3471	D <sub>30</sub> = 0.2990	D <sub>15</sub> = 0.2614
D <sub>10</sub> = 0.2361	C <sub>u</sub> = 1.58	C <sub>c</sub> = 1.01
<u><b>Classification</b></u>		
USCS= SP	AASHTO=	
<u><b>Remarks</b></u>		

Location: BI-PB-211-12 C  
Sample Number: 6480 (52)

Depth: 7.2'

Date: 12/07/12

**Thompson Engineering**

**Mobile, Alabama**

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

Project No: 1221110095

Figure