

# Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.0	0.0	18.3	80.3	1.4	

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	97.7		
#40	81.7		
#60	46.0		
#100	6.7		
#140	2.3		
#200	1.4		

\* (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> = 0.5334	D <sub>85</sub> = 0.4595	D <sub>60</sub> = 0.2974
D <sub>50</sub> = 0.2621	D <sub>30</sub> = 0.2090	D <sub>15</sub> = 0.1737
D <sub>10</sub> = 0.1605	C <sub>u</sub> = 1.85	C <sub>c</sub> = 0.92
<u><b>Classification</b></u>		
USCS= SP	AASHTO=	
<u><b>Remarks</b></u>		

Location: BI-PBS-60-12 D  
Sample Number: 6469 (53)

Depth: 11.8'

Date: 11/28/12

**Thompson Engineering**

**Mobile, Alabama**

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

Project No: 1221110095

Figure