

# Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.1	0.3	7.3	85.6	6.7	

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	99.6		
#20	98.2		
#40	92.3		
#60	70.7		
#100	18.6		
#140	9.6		
#200	6.7		

\* (no specification provided)

<b><u>Material Description</u></b>		
Fine grained, SLIGHTLY SILTY SAND		
<b><u>Atterberg Limits</u></b>		
PL=	LL=	PI=
<b><u>Coefficients</u></b>		
D <sub>90</sub> = 0.3716	D <sub>85</sub> = 0.3144	D <sub>60</sub> = 0.2244
D <sub>50</sub> = 0.2054	D <sub>30</sub> = 0.1716	D <sub>15</sub> = 0.1406
D <sub>10</sub> = 0.1125	C <sub>u</sub> = 1.99	C <sub>c</sub> = 1.17
<b><u>Classification</u></b>		
USCS= SP-SM	AASHTO=	
<b><u>Remarks</u></b>		

Location: BI-PBS-07-12 B  
Sample Number: 6469 (9)

Depth: 10.4'

Date: 11/28/12

**Thompson Engineering**

**Mobile, Alabama**

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

Project No: 1221110095

Figure