

# Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.9	1.3	13.6	77.2	7.0	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
1	100.0		
.75	100.0		
.5	100.0		
.375	100.0		
#4	99.1		
#10	97.8		
#20	95.0		
#40	84.2		
#60	57.0		
#100	14.8		
#140	7.9		
#200	7.0		

\* (no specification provided)

<b><u>Material Description</u></b>		
Fine to medium grained, SLIGHTLY SILTY SAND		
<b><u>Atterberg Limits</u></b>		
PL=	LL=	PI=
<b><u>Coefficients</u></b>		
D <sub>90</sub> = 0.5465	D <sub>85</sub> = 0.4375	D <sub>60</sub> = 0.2597
D <sub>50</sub> = 0.2304	D <sub>30</sub> = 0.1853	D <sub>15</sub> = 0.1507
D <sub>10</sub> = 0.1308	C <sub>u</sub> = 1.99	C <sub>c</sub> = 1.01
<b><u>Classification</u></b>		
USCS= SP-SM	AASHTO=	
<b><u>Remarks</u></b>		

Location: BI-PBS-41-12 C  
Sample Number: 6482 (51)

Depth: 7.6'

Date: 12/12/12

**Thompson Engineering**

**Mobile, Alabama**

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

Project No: 1221110095

Figure