

# Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.0	0.0	29.4	66.5	4.1	

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	98.2		
#40	70.6		
#60	15.9		
#100	4.3		
#140	4.1		
#200	4.1		

\* (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> = 0.5775	D <sub>85</sub> = 0.5190	D <sub>60</sub> = 0.3826
D <sub>50</sub> = 0.3500	D <sub>30</sub> = 0.2927	D <sub>15</sub> = 0.2439
D <sub>10</sub> = 0.2068	C <sub>u</sub> = 1.85	C <sub>c</sub> = 1.08
<u><b>Classification</b></u>		
USCS= SP	AASHTO=	
<u><b>Remarks</b></u>		

Location: BI-PB-217-12 C  
Sample Number: 6485 (35)

Depth: 5.7'

Date: 12/07/12

**Thompson Engineering**

**Mobile, Alabama**

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

Project No: 1221110095

Figure