

# Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.0	0.0	3.1	94.0	2.9	

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	100.0		
#40	96.9		
#60	50.6		
#100	11.0		
#140	4.3		
#200	2.9		

\* (no specification provided)

<u>Material Description</u>		
Fine grained, SAND		
PL=	<u>Atterberg Limits</u> LL=	PI=
<u>Coefficients</u>		
D <sub>90</sub> = 0.3803	D <sub>85</sub> = 0.3567	D <sub>60</sub> = 0.2742
D <sub>50</sub> = 0.2484	D <sub>30</sub> = 0.2006	D <sub>15</sub> = 0.1627
D <sub>10</sub> = 0.1464	C <sub>u</sub> = 1.87	C <sub>c</sub> = 1.00
<u>Classification</u>		
USCS= SP	AASHTO=	
<u>Remarks</u>		

Location: BI-PB-200-12 C  
Sample Number: 6485 (28)

Depth: 5.0'

Date: 12/07/12

**Thompson Engineering**

**Mobile, Alabama**

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

Project No: 1221110095

Figure