

# Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.2	0.2	30.0	63.3	6.3	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
1	100.0		
.75	100.0		
.5	100.0		
.375	100.0		
#4	99.8		
#10	99.6		
#20	98.0		
#40	69.6		
#60	15.9		
#100	6.7		
#140	6.4		
#200	6.3		

\* (no specification provided)

## Material Description

Fine to medium grained, SLIGHTLY SILTY SAND

## Atterberg Limits

PL= LL= PI=

## Coefficients

D<sub>90</sub>= 0.5869 D<sub>85</sub>= 0.5266 D<sub>60</sub>= 0.3860  
D<sub>50</sub>= 0.3526 D<sub>30</sub>= 0.2942 D<sub>15</sub>= 0.2417  
D<sub>10</sub>= 0.1937 C<sub>u</sub>= 1.99 C<sub>c</sub>= 1.16

## Classification

USCS= SP-SM AASHTO=

## Remarks

Location: BI-PB-214-12 B  
Sample Number: 6494 (86)

Depth: 3.3'

Date: 12/26/12

**Thompson Engineering**

**Mobile, Alabama**

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

Project No: 1221110095

Figure