

# Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	4.7	3.0	15.8	62.9	13.6	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
1	100.0		
.75	100.0		
.5	100.0		
.375	97.9		
#4	95.3		
#10	92.3		
#20	88.2		
#40	76.5		
#60	62.6		
#100	32.5		
#140	18.9		
#200	13.6		

\* (no specification provided)

## Material Description

Fine to medium grained, SILTY SAND, with trace SHELL

## Atterberg Limits

PL= LL= PI=

## Coefficients

D<sub>90</sub>= 1.0254 D<sub>85</sub>= 0.6801 D<sub>60</sub>= 0.2370  
D<sub>50</sub>= 0.1997 D<sub>30</sub>= 0.1430 D<sub>15</sub>= 0.0850  
D<sub>10</sub>= C<sub>u</sub>= C<sub>c</sub>=

## Classification

USCS= SM AASHTO=

## Remarks

Location: BI-PBS-72-12 B

Sample Number: 6462

Depth: 2.3'

Date: 11/23/12

**Thompson Engineering**

**Mobile, Alabama**

Client: CDM/Thompson Engineering JV

Project: MsCIP Barrier Island Restoration GT

Project No: 1221110095

Figure