

# Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	1.0	1.4	9.4	83.4	4.8	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
1	100.0		
.75	100.0		
.5	100.0		
.375	99.7		
#4	99.0		
#10	97.6		
#20	95.5		
#40	88.2		
#60	55.9		
#100	9.7		
#140	5.5		
#200	4.8		

\* (no specification provided)

## Material Description

Fine grained, SAND, with trace SHELL

## Atterberg Limits

PL= LL= PI=

## Coefficients

D<sub>90</sub>= 0.4534 D<sub>85</sub>= 0.3892 D<sub>60</sub>= 0.2614  
D<sub>50</sub>= 0.2353 D<sub>30</sub>= 0.1939 D<sub>15</sub>= 0.1637  
D<sub>10</sub>= 0.1509 C<sub>u</sub>= 1.73 C<sub>c</sub>= 0.95

## Classification

USCS= SP AASHTO=

## Remarks

Location: BI-PBS-41-12 D  
Sample Number: 6482 (52)

Depth: 10.2'

Date: 12/12/12

**Thompson Engineering**

**Mobile, Alabama**

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

Project No: 1221110095

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