

# Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	2.1	2.8	11.9	78.9	4.3	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
1	100.0		
.75	100.0		
.5	99.3		
.375	99.0		
#4	97.9		
#10	95.1		
#20	91.0		
#40	83.2		
#60	62.4		
#100	7.5		
#140	4.7		
#200	4.3		

\* (no specification provided)

## Material Description

Fine to medium grained, SAND, with trace shell

## Atterberg Limits

PL= LL= PI=

## Coefficients

D<sub>90</sub>= 0.7613 D<sub>85</sub>= 0.4931 D<sub>60</sub>= 0.2440  
D<sub>50</sub>= 0.2229 D<sub>30</sub>= 0.1897 D<sub>15</sub>= 0.1655  
D<sub>10</sub>= 0.1559 C<sub>u</sub>= 1.56 C<sub>c</sub>= 0.95

## Classification

USCS= SP AASHTO=

## Remarks

Location: BI-PBS-34-12 C  
Sample Number: 6482 (43)

Depth: 6.9'

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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