

# Particle Size Distribution Report



GRAIN SIZE - mm.

% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.0	0.0	7.4	89.2	3.4	

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	98.4		
#40	92.6		
#60	67.5		
#100	10.0		
#140	4.3		
#200	3.4		

\* (no specification provided)

## Material Description

Fine grained, SAND

## Atterberg Limits

PL=

LL=

PI=

## Coefficients

D<sub>90</sub>= 0.3731

D<sub>85</sub>= 0.3213

D<sub>60</sub>= 0.2335

D<sub>50</sub>= 0.2152

D<sub>30</sub>= 0.1841

D<sub>15</sub>= 0.1601

D<sub>10</sub>= 0.1500

C<sub>u</sub>= 1.56

C<sub>c</sub>= 0.97

## Classification

USCS= SP

AASHTO=

## Remarks

Location: BI-PBS-45-12 B  
Sample Number: 6471 (11)

Depth: 2.8'

Date: 12/03/12

**Thompson Engineering**

**Mobile, Alabama**

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

Project No: 1221110095

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