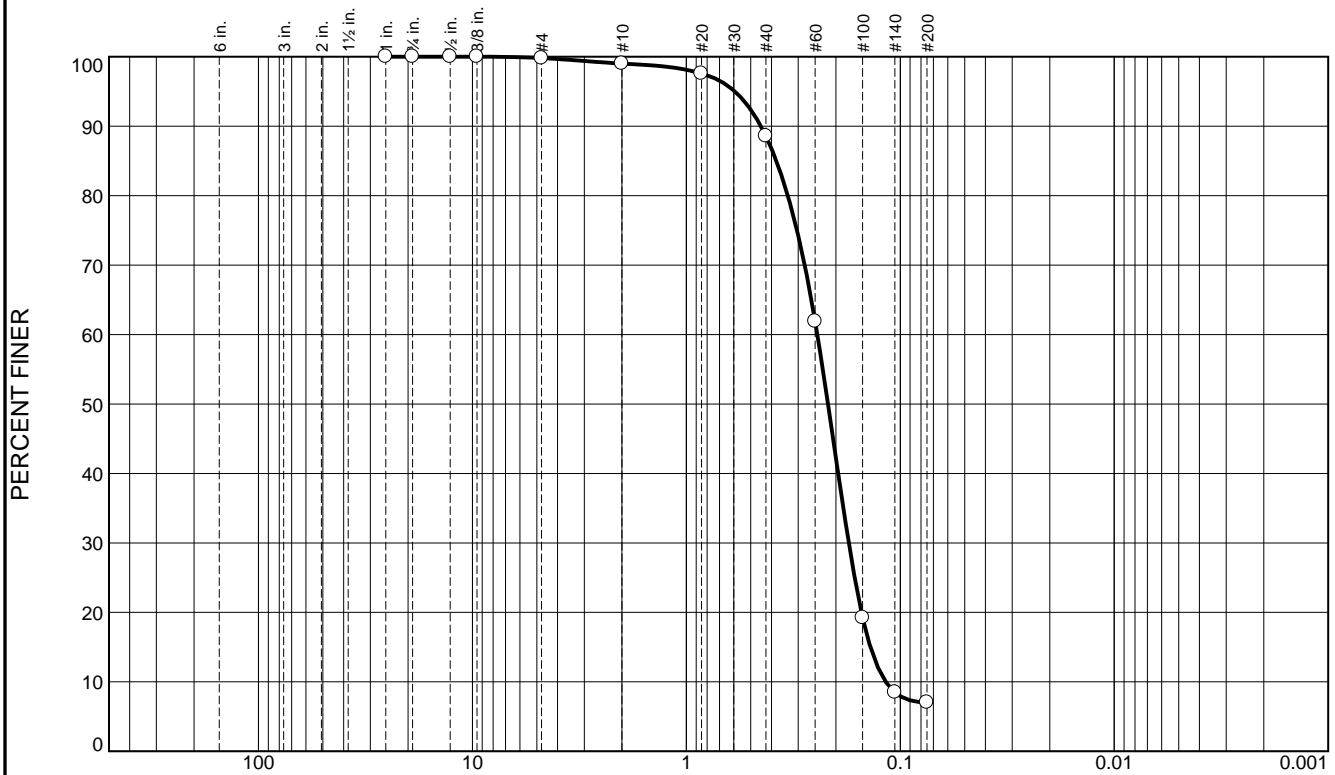


# Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.2	0.8	10.4	81.6	7.0	

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	99.0		
#20	97.6		
#40	88.6		
#60	61.9		
#100	19.2		
#140	8.5		
#200	7.0		

\* (no specification provided)

## Material Description

Fine to medium grained, SLIGHTLY SILTY SAND

## Atterberg Limits

PL= LL= PI=

## Coefficients

D<sub>90</sub>= 0.4485 D<sub>85</sub>= 0.3795 D<sub>60</sub>= 0.2442  
D<sub>50</sub>= 0.2177 D<sub>30</sub>= 0.1742 D<sub>15</sub>= 0.1380  
D<sub>10</sub>= 0.1169 C<sub>u</sub>= 2.09 C<sub>c</sub>= 1.06

## Classification

USCS= SP-SM AASHTO=

## Remarks

Location: BI-PBS-46-12 D  
Sample Number: 6471 (16)

Depth: 10.0'

Date: 12/03/12

**Thompson Engineering**

**Mobile, Alabama**

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

Project No: 1221110095

Figure