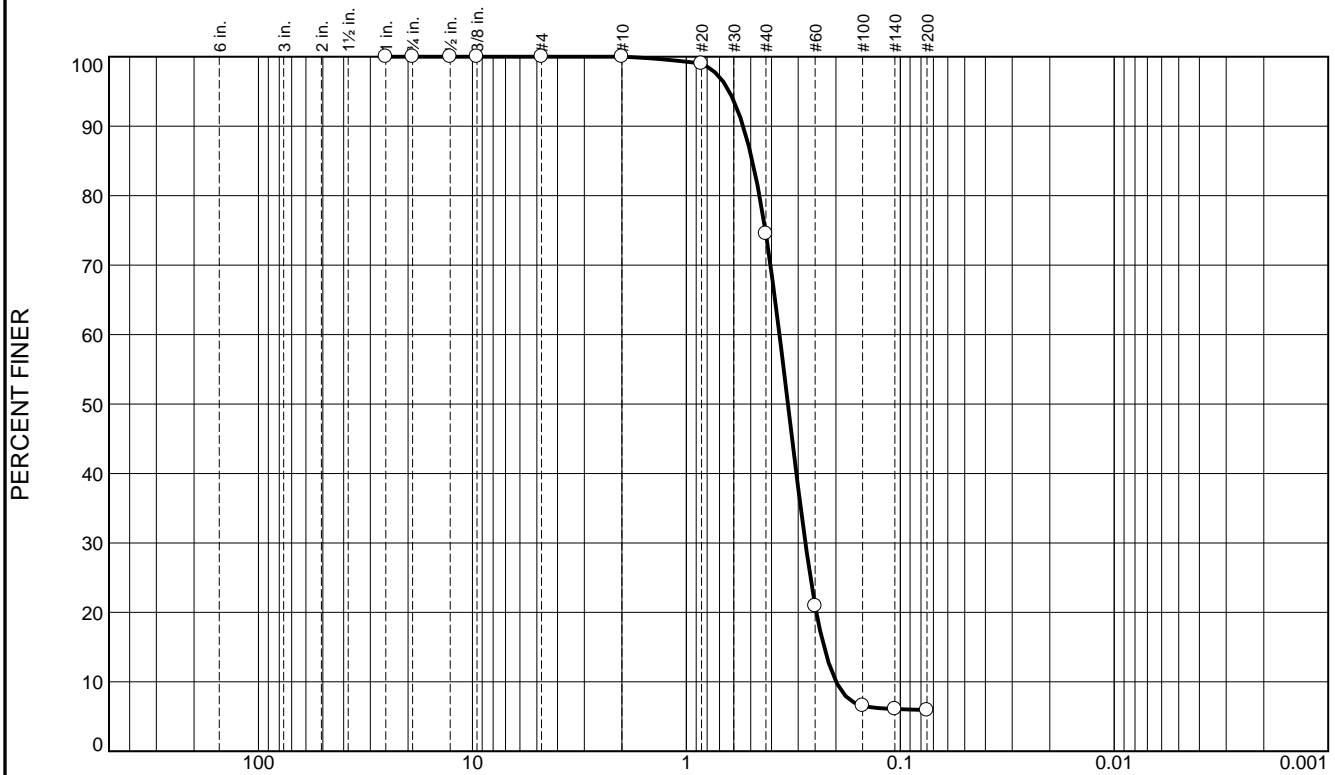


# Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.0	0.0	25.5	68.6	5.9	

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	99.0		
#40	74.5		
#60	20.9		
#100	6.6		
#140	6.1		
#200	5.9		

\* (no specification provided)

## Material Description

Fine to medium grained, SLIGHTLY SILTY SAND

## Atterberg Limits

PL= LL= PI=

## Coefficients

D<sub>90</sub>= 0.5424 D<sub>85</sub>= 0.4915 D<sub>60</sub>= 0.3670  
D<sub>50</sub>= 0.3352 D<sub>30</sub>= 0.2779 D<sub>15</sub>= 0.2272  
D<sub>10</sub>= 0.1995 C<sub>u</sub>= 1.84 C<sub>c</sub>= 1.05

## Classification

USCS= SP-SM AASHTO=

## Remarks

Location: BI-PB-217-12 B  
Sample Number: 6485 (34)

Depth: 1.2'

Date: 12/07/12

**Thompson Engineering**

**Mobile, Alabama**

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

Project No: 1221110095

Figure