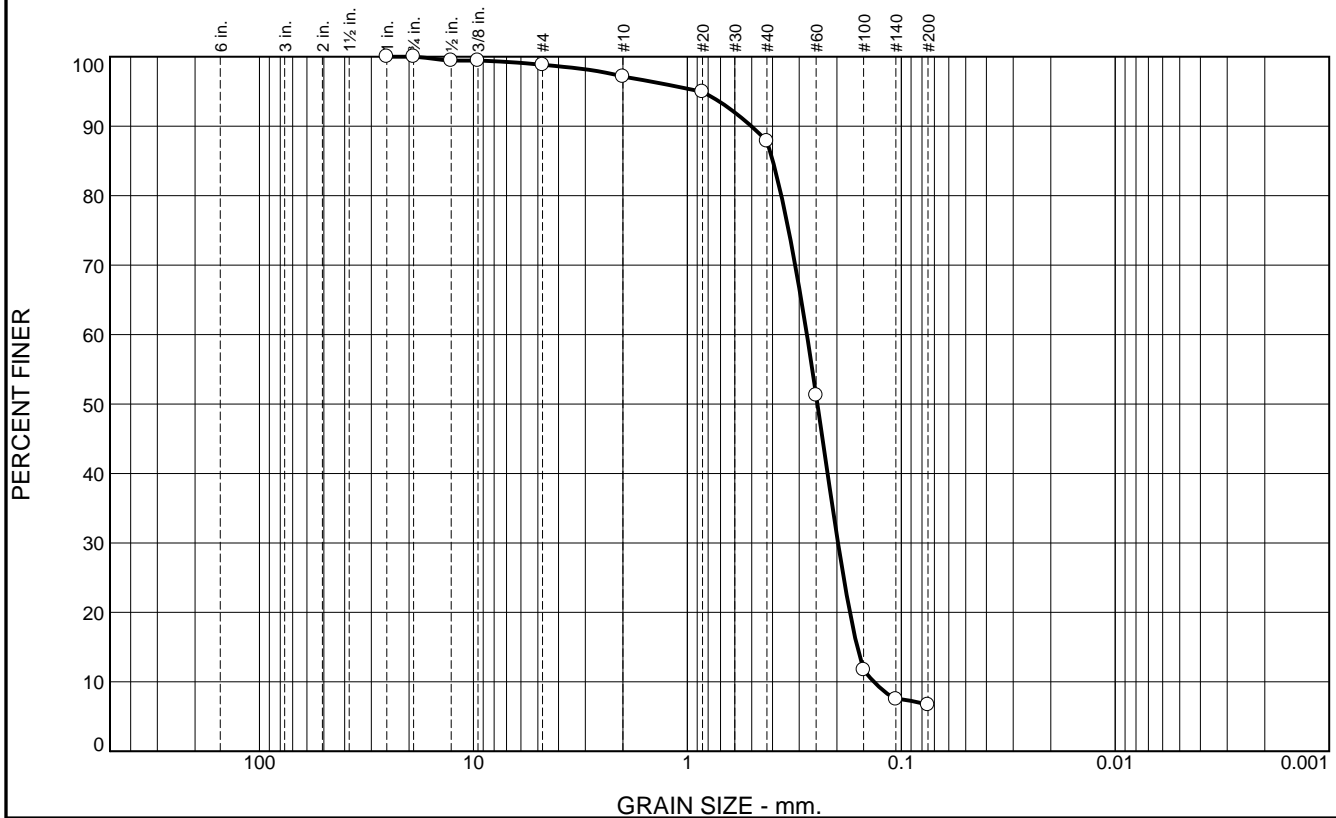


# Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	1.2	1.7	9.2	81.2	6.7	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
1	100.0		
.75	100.0		
.5	99.4		
.375	99.4		
#4	98.8		
#10	97.1		
#20	94.9		
#40	87.9		
#60	51.3		
#100	11.7		
#140	7.5		
#200	6.7		

\* (no specification provided)

## Material Description

Fine grained, SLIGHTLY SILTY SAND, with trace SHELL

## Atterberg Limits

PL= LL= PI=

## Coefficients

D<sub>90</sub>= 0.5026 D<sub>85</sub>= 0.3986 D<sub>60</sub>= 0.2764  
D<sub>50</sub>= 0.2466 D<sub>30</sub>= 0.1977 D<sub>15</sub>= 0.1607  
D<sub>10</sub>= 0.1343 C<sub>u</sub>= 2.06 C<sub>c</sub>= 1.05

## Classification

USCS= SP-SM AASHTO=

## Remarks

Location: BI-PBS-46-12 F  
Sample Number: 6471 (18)

Depth: 16.7'

Date: 12/03/12

**Thompson Engineering**

**Mobile, Alabama**

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

Project No: 1221110095

Figure