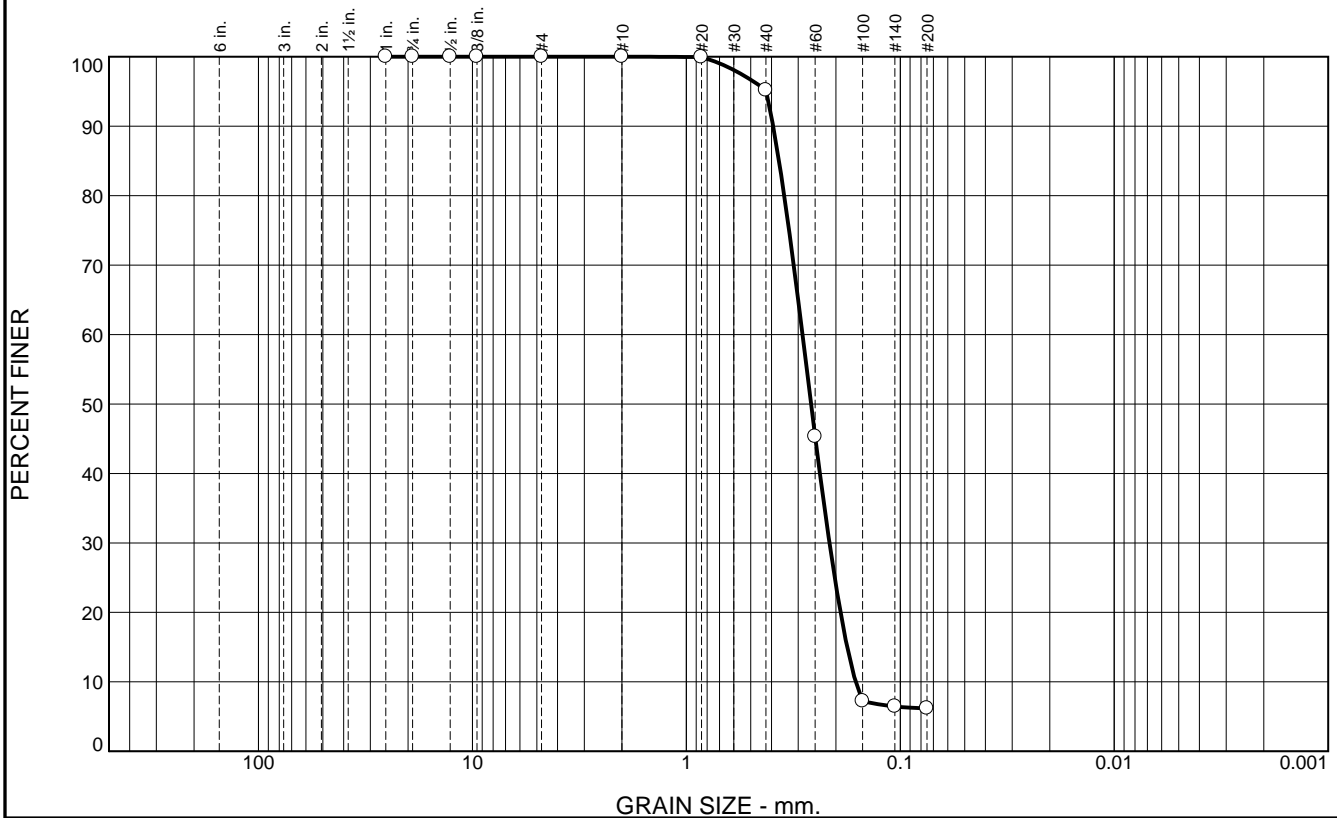


# Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.0	0.0	4.8	89.0	6.2	

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	99.9		
#40	95.2		
#60	45.3		
#100	7.2		
#140	6.5		
#200	6.2		

\* (no specification provided)

<b><u>Material Description</u></b>		
Fine grained, SLIGHTLY SILTY SAND		
<b><u>Atterberg Limits</u></b>		
PL=	LL=	PI=
<b><u>Coefficients</u></b>		
D <sub>90</sub> = 0.3927	D <sub>85</sub> = 0.3688	D <sub>60</sub> = 0.2867
D <sub>50</sub> = 0.2612	D <sub>30</sub> = 0.2143	D <sub>15</sub> = 0.1773
D <sub>10</sub> = 0.1618	C <sub>u</sub> = 1.77	C <sub>c</sub> = 0.99
<b><u>Classification</u></b>		
USCS= SP-SM	AASHTO=	
<b><u>Remarks</u></b>		

Location: BI-PB-218-12 D  
Sample Number: 6485 (39)

Depth: 13.8'

Date: 12/07/12

**Thompson Engineering**

**Mobile, Alabama**

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

Project No: 1221110095

Figure