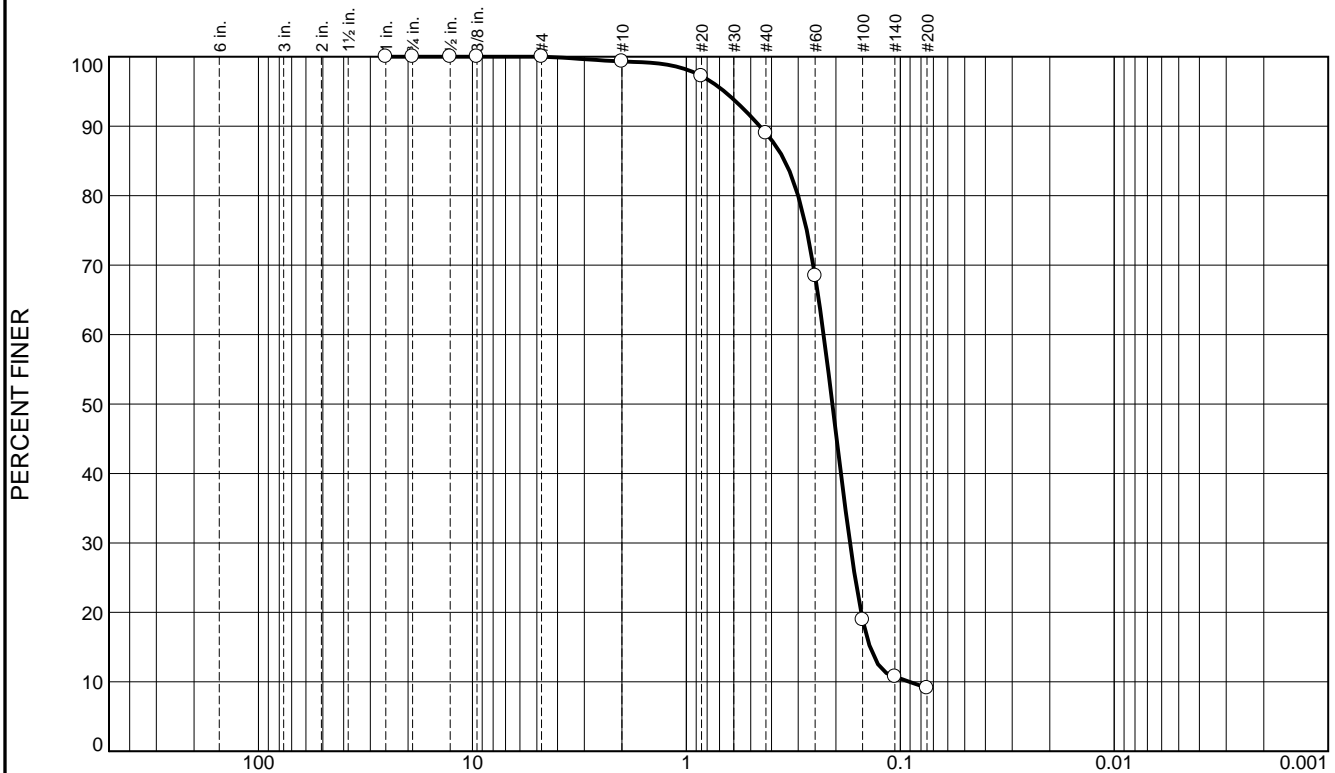


# Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.0	0.7	10.3	79.9	9.1	

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	99.3		
#20	97.2		
#40	89.0		
#60	68.4		
#100	18.9		
#140	10.7		
#200	9.1		

\* (no specification provided)

<u><b>Material Description</b></u>		
Fine to medium grained, SLIGHTLY SILTY SAND		
<u><b>Atterberg Limits</b></u>		
PL=	LL=	PI=
<u><b>Coefficients</b></u>		
D <sub>90</sub> = 0.4542	D <sub>85</sub> = 0.3464	D <sub>60</sub> = 0.2282
D <sub>50</sub> = 0.2077	D <sub>30</sub> = 0.1720	D <sub>15</sub> = 0.1386
D <sub>10</sub> = 0.0905	C <sub>u</sub> = 2.52	C <sub>c</sub> = 1.43
<u><b>Classification</b></u>		
USCS= SP-SM	AASHTO=	
<u><b>Remarks</b></u>		

Location: BI-PB-209-12 B  
Sample Number: 6482 (15)

Depth: 2.3'

Date: 12/12/12

**Thompson Engineering**

**Mobile, Alabama**

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

Project No: 1221110095

Figure