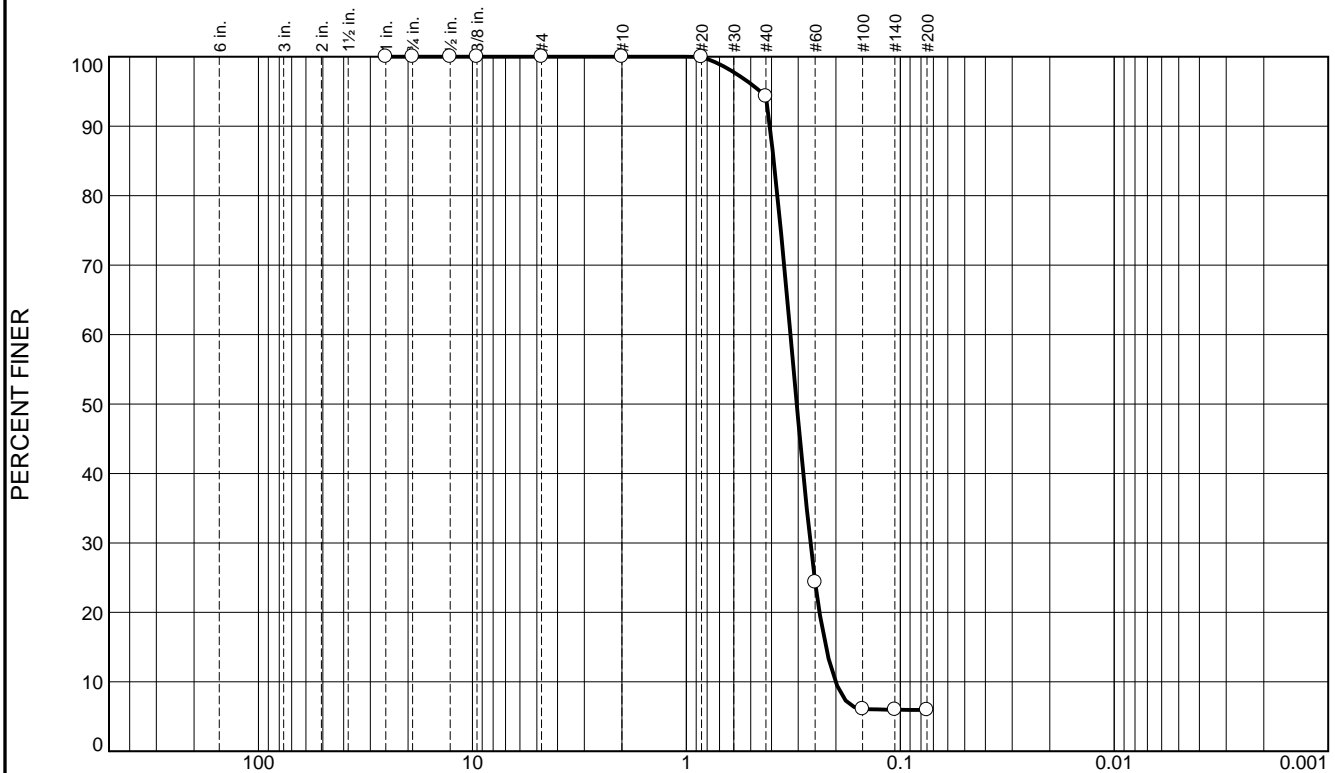


Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.0	0.0	5.7	88.4	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	100.0		
#40	94.3		
#60	24.4		
#100	6.1		
#140	6.0		
#200	5.9		

* (no specification provided)

<u>Material Description</u>		
Fine grained, SLIGHTLY SILTY SAND		
<u>Atterberg Limits</u>		
PL=	LL=	PI=
<u>Coefficients</u>		
D ₉₀ = 0.4073	D ₈₅ = 0.3901	D ₆₀ = 0.3263
D ₅₀ = 0.3050	D ₃₀ = 0.2631	D ₁₅ = 0.2227
D ₁₀ = 0.2007	C _u = 1.63	C _c = 1.06
<u>Classification</u>		
USCS= SP-SM	AASHTO=	
<u>Remarks</u>		

Location: BI-PB-179-12 D
Sample Number: 6494 (71)

Depth: 12.2'

Date: 12/26/12

Thompson Engineering

Mobile, Alabama

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

Project No: 1221110095

Figure