

Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	1.7	1.3	9.7	74.4	12.9	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
1	100.0		
.75	100.0		
.5	98.8		
.375	98.8		
#4	98.3		
#10	97.0		
#20	94.9		
#40	87.3		
#60	65.4		
#100	25.0		
#140	16.4		
#200	12.9		

* (no specification provided)

<u>Material Description</u>		
Fine grained, SILTY SAND, with trace SHELL		
<u>Atterberg Limits</u>		
PL=	LL=	PI=
<u>Coefficients</u>		
D ₉₀ = 0.4950	D ₈₅ = 0.3851	D ₆₀ = 0.2331
D ₅₀ = 0.2074	D ₃₀ = 0.1627	D ₁₅ = 0.0926
D ₁₀ =	C _u =	C _c =
<u>Classification</u>		
USCS= SM	AASHTO=	
<u>Remarks</u>		

Location: BI-PBS-104-12 B
Sample Number: 6503 (21)

Depth: 1.0'

Date: 1/08/13

Thompson Engineering

Mobile, Alabama

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

Project No: 1221110095

Figure