

Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	1.4	4.4	20.3	72.0	1.9	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
1	100.0		
.75	100.0		
.5	100.0		
.375	99.6		
#4	98.6		
#10	94.2		
#20	87.8		
#40	73.9		
#60	44.1		
#100	5.6		
#140	2.4		
#200	1.9		

* (no specification provided)

<u>Material Description</u>		
Fine to medium grained, SAND, with trace SHELL		
<u>Atterberg Limits</u>		
PL=	LL=	PI=
<u>Coefficients</u>		
D ₉₀ = 1.0750	D ₈₅ = 0.6757	D ₆₀ = 0.3148
D ₅₀ = 0.2700	D ₃₀ = 0.2121	D ₁₅ = 0.1768
D ₁₀ = 0.1640	C _u = 1.92	C _c = 0.87
<u>Classification</u>		
USCS= SP	AASHTO=	
<u>Remarks</u>		

Location: BI-PBS-12-12 A
Sample Number: 6469 (33)

Depth: 0.0'

Date: 11/28/12

Thompson Engineering

Mobile, Alabama

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

Project No: 1221110095

Figure