

Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.2	0.9	11.7	83.7	3.5	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
1	100.0		
.75	100.0		
.5	100.0		
.375	100.0		
#4	99.8		
#10	98.9		
#20	96.7		
#40	87.2		
#60	55.5		
#100	7.5		
#140	4.6		
#200	3.5		

* (no specification provided)

<u>Material Description</u>		
Fine to medium grained, SAND		
<u>Atterberg Limits</u>		
PL=	LL=	PI=
<u>Coefficients</u>		
D ₉₀ = 0.4702	D ₈₅ = 0.3987	D ₆₀ = 0.2625
D ₅₀ = 0.2367	D ₃₀ = 0.1967	D ₁₅ = 0.1683
D ₁₀ = 0.1570	C _u = 1.67	C _c = 0.94
<u>Classification</u>		
USCS= SP	AASHTO=	
<u>Remarks</u>		

Location: BI-PBS-109-12 A
Sample Number: 6503 (29)

Depth: 0.0'

Date: 1/08/12

Thompson Engineering

Mobile, Alabama

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

Project No: 1221110095

Figure