

Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	1.6	1.4	9.7	82.8	4.5	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
1	100.0		
.75	100.0		
.5	98.8		
.375	98.8		
#4	98.4		
#10	97.0		
#20	94.2		
#40	87.3		
#60	69.7		
#100	17.8		
#140	6.6		
#200	4.5		

* (no specification provided)

<u>Material Description</u>		
Fine grained, SAND, with trace SHELL		
<u>Atterberg Limits</u>		
PL=	LL=	PI=
<u>Coefficients</u>		
D ₉₀ = 0.5497	D ₈₅ = 0.3532	D ₆₀ = 0.2254
D ₅₀ = 0.2058	D ₃₀ = 0.1721	D ₁₅ = 0.1437
D ₁₀ = 0.1281	C _u = 1.76	C _c = 1.02
<u>Classification</u>		
USCS= SP	AASHTO=	
<u>Remarks</u>		

Location: BI-PBS-87-12 B
Sample Number: 6494 (60)

Depth: 5.0'

Date: 12/26/12

Thompson Engineering

Mobile, Alabama

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

Project No: 1221110095

Figure