

Particle Size Distribution Report



These results are for the exclusive use of the client for whom they were obtained. They apply only to the samples tested and are not indicative of apparently identical samples. ASTM Method Used: C136

% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0	26	50	8	6	8	2	

SIEVE SIZE OR DIAMETER	PERCENT FINER	SPEC. * PERCENT	PASS? (X=NO)
2-1/2	100	100	
2	100	95-100	
1-1/2	99		
1	93		
3/4	74	50-75	
3/8	35		
1/4	26	25-45	
#4	24		
#10	16		
#40	10	5-20	
#100	5	2-12	
#200	2.1		

Soil Description

Grey Gravel little Sand trace Fines
(Without Added Fines)

Atterberg Limits

PL= N/A LL= N/A PI= N/A

Coefficients

D₉₀= 24.0648 D₈₅= 22.3075 D₆₀= 15.2538
D₅₀= 12.9305 D₃₀= 8.1020 D₁₅= 1.5956
D₁₀= 0.4234 C_u= 36.03 C_c= 10.16

Classification

USCS= GP AASHTO=

Remarks

Material meet the CT DOT M.05.01 specifications

* CT DOT M.05.01

Source of Sample: Oxford
Sample Number: 25-4942

Date: 04/07/2025

<p style="text-align: center; font-weight: bold; font-size: 1.2em;">COASTAL MATERIALS TESTING LAB, LLC West Haven, Connecticut</p>	<p>Client: Defeo Materials Project: Various Project No: 24-1981</p>
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Figure

Tested By: Shehzad Ahmad Checked By: Salah Al-Bakri