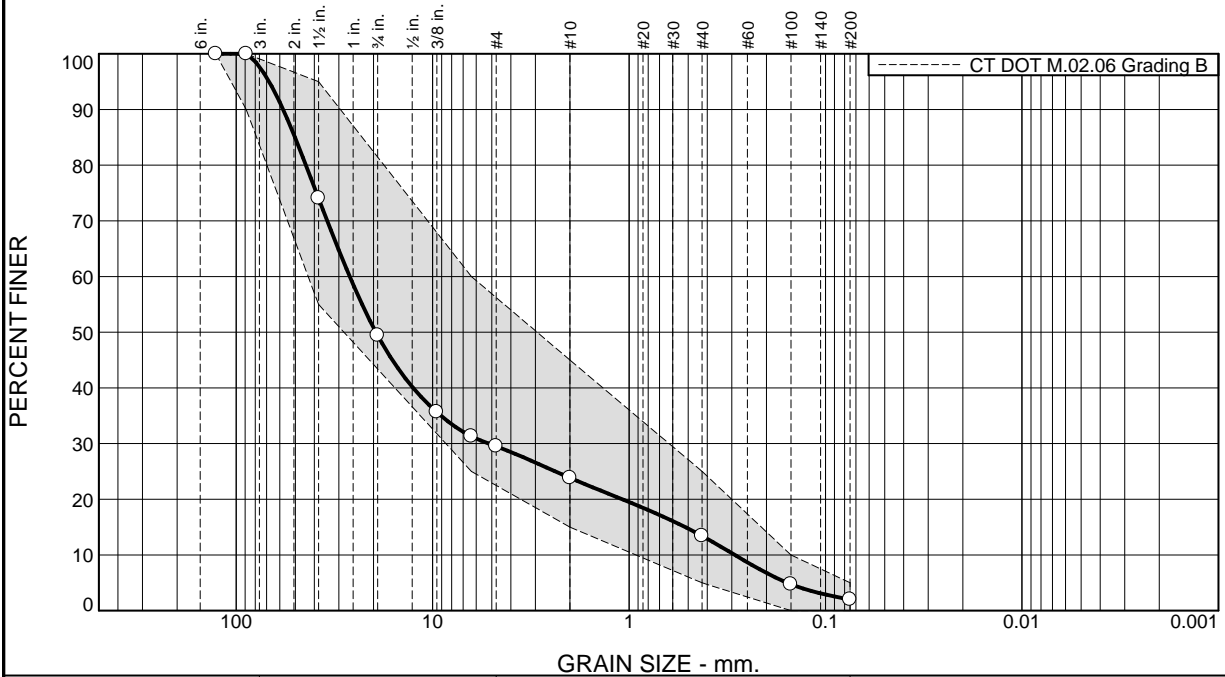


Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
2.3	48.3	19.9	5.7	10.4	11.4	2.0	

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.

TEST RESULTS (ASTM C 136)			
Opening Size	Percent Finer	Spec.* (Percent)	Pass? (X=Fail)
5	100.0	100.0 - 100.0	
3-1/2	100.0	90.0 - 100.0	
1-1/2	74.1	55.0 - 95.0	
3/4	49.4		
3/8	35.7		
1/4	31.3	25.0 - 60.0	
#4	29.5		
#10	23.8	15.0 - 45.0	
#40	13.4	5.0 - 25.0	
#100	4.7	0.0 - 10.0	
#200	2.0	0.0 - 5.0	

Material Description

3-1/2" Brown Process

Atterberg Limits (ASTM D 4318)

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

Classification

USCS (D 2487)= GP AASHTO (M 145)= N/A

Coefficients

D₉₀= 57.6933 D₈₅= 50.2194 D₆₀= 26.4249
D₅₀= 19.4356 D₃₀= 5.1793 D₁₅= 0.5178
D₁₀= 0.2896 C_u= 91.23 C_c= 3.50

Remarks

Materials Material meets the CT DOT M.02.06 Grading B Specification

Date Received: 04/18/2019 Date Tested: 04/18/2019

Tested By: Qais Masad

Checked By: Salah al-Bakri

Title: Lab Manager

* CT DOT M.02.06 Grading B

Source of Sample: Deep River Quarry
Sample Number: 19-2124

Date Sampled: 04/18/2019

<p>COASTAL MATERIALS TESTING LAB, LLC West Haven, Connecticut</p>	<p>Client: Haynes Materials Project: Various Project No: 12-018</p>
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Figure