



BROOKSIDE LABORATORIES, INC.
GEOTECHNICAL DIVISION
200 WHITE MOUNTAIN DRIVE
NEW BREMEN, OH 45869

**** PHYSICAL ANALYSIS REPORT ****

Brightview Golf Maintenance
Glendora, CA

File Number: 87359

Date Received/Started : 2/13/2023
Date Completed/Reported: 2/16/2023
Date Issued: 2/16/2023

Submitted By: Soil and Water Consulting

Lab Number	0240
Sample Description	TLC MATERIALS #30 SAND
Sample Condition	<u>XX</u> Normal ___ Other (see comments)

Method References

ASTM F1632
ASTM F1647 - Method A

D Values

** D10: 0.27
** D60: 0.44
** Coefficient of Uniformity: 1.66

*Reported values are an average of duplicated analysis

** NON A2LA ACCREDITED
* *This report may only be reproduced in its entirety.*
* *These results represent the sample submitted only.*



Geotechnical
(Putting Green Materials)
Certificate Number: 736.01

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Particle Size Analysis

USGA Specs

Clay <.002mm	%	1.1	<= 3.0%
Silt .002mm - .05mm	%	2.0	<= 5.0%
Sand .05mm - 2.00mm	%	96.9	
Gravel > 2.0mm	%	0.0	

Org Mat 360 deg C (LOI) 0.11

Sand Fractions

Sieve Size		% Retained	
#	mm		
10 - 2.0	Fine Gravel	0.0	2.0mm <= 3.0%
18 - 1.0	Very Coarse Sand	0.4	2.0mm + 1.0mm <= 10%
35 - .500	Coarse Sand	24.0	
60 - .250	Medium Sand	70.6	0.5mm + 0.25mm >= 60%
100 - .150	Fine Sand	1.5	0.15mm <= 20%
140 - .106	Very Fine Sand	0.2	0.106mm + 0.053mm <= 5.0%
270 - .053	Very Fine Sand	0.2	