



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: 2/17/2023
Date Issued: 2/17/2023

Submitted By: Soil and Water Consulting

Lab Number	0020
Sample Description	CANYON LAKE G&CC GREEN 10 0-1/2"
Sample Condition	<u>XX</u> Normal ___ Other (see comments)

Method References

ASTM F1632
ASTM F1647 - Method A

D Values

** D10: 0.21
** D60: 0.47
** Coefficient of Uniformity: 2.26

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

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Lab Number 0020
 Sample Description CANYON LAKE G&CC
 GREEN 10
 0-1/2"

Particle Size Analysis

Clay <.002mm	%	2.50
Silt .002mm - .05mm	%	4.50
Sand .05mm - 2.00mm	%	92.3
Gravel > 2.0mm	%	0.7

Org Mat 360 deg C (LOI) 11.64

Sand Fractions

Sieve Size		<u>% Retained</u>
#	mm	
10 - 2.0	Fine Gravel	0.7
18 - 1.0	Very Coarse Sand	2.5
35 - .500	Coarse Sand	30.7
60 - .250	Medium Sand	55.0
100 - .150	Fine Sand	2.9
140 - .106	Very Fine Sand	0.9
270 - .053	Very Fine Sand	0.4



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Lab Number	0021
Sample Description	CANYON LAKE G&CC GREEN 10 1 1/2"-3"
Sample Condition	<u>XX</u> Normal ___ Other (see comments)

Method References

ASTM F1632
ASTM F1647 - Method A

D Values

** D10: 0.19
** D60: 0.47
** Coefficient of Uniformity: 2.50

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Lab Number 0021
Sample Description CANYON LAKE G&CC
GREEN 10
1 1/2"-3"

Particle Size Analysis

Clay <.002mm	%	0.80
Silt .002mm - .05mm	%	3.60
Sand .05mm - 2.00mm	%	95.5
Gravel > 2.0mm	%	0.1

Org Mat 360 deg C (LOI) 1.61

Sand Fractions

Sieve Size		% Retained
#	mm	
10 - 2.0	Fine Gravel	0.1
18 - 1.0	Very Coarse Sand	3.1
35 - .500	Coarse Sand	30.3
60 - .250	Medium Sand	51.9
100 - .150	Fine Sand	7.2
140 - .106	Very Fine Sand	1.8
270 - .053	Very Fine Sand	1.1



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Lab Number	0022
Sample Description	CANYON LAKE G&CC GREEN 10 1/2"-1 1/2"
Sample Condition	<u>XX</u> Normal ___ Other (see comments)

Method References

ASTM F1632
ASTM F1647 - Method A

D Values

** D10: 0.25
** D60: 0.46
** Coefficient of Uniformity: 1.84

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Lab Number 0022
Sample Description CANYON LAKE G&CC
GREEN 10
1/2"-1 1/2"

Particle Size Analysis

Clay <.002mm	%	0.80
Silt .002mm - .05mm	%	3.10
Sand .05mm - 2.00mm	%	95.8
Gravel > 2.0mm	%	0.3

Org Mat 360 deg C (LOI) 2.75

Sand Fractions

Sieve Size		% Retained
#	mm	
10 - 2.0	Fine Gravel	0.3
18 - 1.0	Very Coarse Sand	2.5
35 - .500	Coarse Sand	27.6
60 - .250	Medium Sand	59.6
100 - .150	Fine Sand	4.5
140 - .106	Very Fine Sand	1.0
270 - .053	Very Fine Sand	0.6