



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: 3/3/2023
Date Issued: 3/3/2023

Submitted By: Soil and Water Consulting

Lab Number	0017
Sample Description	CANYON LAKE G&CC GREEN 1 0-1/2"
Sample Condition	<u>XX</u> Normal ___ Other (see comments)

Method References

ASTM F1632
ASTM F1647 - Method A

D Values

** D10: 0.20
** D60: 0.45
** Coefficient of Uniformity: 2.30

** NON A2LA ACCREDITED
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* These results represent the sample submitted only.*

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Lab Number 0017
Sample Description CANYON LAKE G&CC
GREEN 1
0-1/2"

Particle Size Analysis

Clay <.002mm	%	1.00
Silt .002mm - .05mm	%	5.40
Sand .05mm - 2.00mm	%	92.4
Gravel > 2.0mm	%	1.2

Org Mat 360 deg C (LOI) 16.22

Sand Fractions

Sieve Size		<u>% Retained</u>
#	mm	
10 - 2.0	Fine Gravel	1.2
18 - 1.0	Very Coarse Sand	2.5
35 - .500	Coarse Sand	25.4
60 - .250	Medium Sand	59.0
100 - .150	Fine Sand	3.8
140 - .106	Very Fine Sand	1.2
270 - .053	Very Fine Sand	0.6



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Lab Number	0018
Sample Description	CANYON LAKE G&CC GREEN 1 1 1/2"-3
Sample Condition	<u>XX</u> Normal ___ Other (see comments)

Method References

ASTM F1632
ASTM F1647 - Method A

D Values

** D10: 0.18
** D60: 0.44
** Coefficient of Uniformity: 2.53

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Lab Number 0018
Sample Description CANYON LAKE G&CC
GREEN 1
1 1/2"-3

Particle Size Analysis

Clay <.002mm	%	0.80
Silt .002mm - .05mm	%	4.00
Sand .05mm - 2.00mm	%	95.1
Gravel > 2.0mm	%	0.1

Org Mat 360 deg C (LOI) 1.78

Sand Fractions

Sieve Size		% Retained
#	mm	
10 - 2.0	Fine Gravel	0.1
18 - 1.0	Very Coarse Sand	2.5
35 - .500	Coarse Sand	24.9
60 - .250	Medium Sand	56.8
100 - .150	Fine Sand	7.8
140 - .106	Very Fine Sand	2.2
270 - .053	Very Fine Sand	1.0



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Lab Number	0019
Sample Description	CANYON LAKE G&CC GREEN 1 1/2"-1 1
Sample Condition	<u>XX</u> Normal ___ Other (see comments)

Method References

ASTM F1632
ASTM F1647 - Method A

D Values

** D10: 0.22
** D60: 0.46
** Coefficient of Uniformity: 2.08

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Submitted By: Soil and Water Consulting

Lab Number 0019
Sample Description CANYON LAKE G&CC
GREEN 1
1/2"-1 1

Particle Size Analysis

Clay <.002mm	%	0.80
Silt .002mm - .05mm	%	3.00
Sand .05mm - 2.00mm	%	95.9
Gravel > 2.0mm	%	0.3

Org Mat 360 deg C (LOI) 2.92

Sand Fractions

Sieve Size		% Retained
#	mm	
10 - 2.0	Fine Gravel	0.3
18 - 1.0	Very Coarse Sand	2.8
35 - .500	Coarse Sand	26.6
60 - .250	Medium Sand	58.5
100 - .150	Fine Sand	6.1
140 - .106	Very Fine Sand	1.5
270 - .053	Very Fine Sand	0.5
