



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 : 3/24/2023
Date Completed/Reported: 4/3/2023
Date Issued: 4/3/2023

Submitted By: Soil and Water Consulting

Lab Number	0007
Sample Description	YUMA G & CC GREEN 2 0-1 1/2"
Sample Condition	<u>XX</u> Normal ___ Other (see comments)

Method References

ASTM F1632
ASTM F1647 - Method A

D Values

** D10: 0.15
** D60: 0.51
** Coefficient of Uniformity: 3.37

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

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Lab Number 0007
Sample Description YUMA G & CC
GREEN 2
0-1 1/2"

Particle Size Analysis

Clay <.002mm	%	2.20
Silt .002mm - .05mm	%	3.60
Sand .05mm - 2.00mm	%	93.3
Gravel > 2.0mm	%	0.9

Org Mat 360 deg C (LOI) 3.43

Sand Fractions

Sieve Size		% Retained
#	mm	
10 - 2.0	Fine Gravel	0.9
18 - 1.0	Very Coarse Sand	11.3
35 - .500	Coarse Sand	28.1
60 - .250	Medium Sand	39.0
100 - .150	Fine Sand	10.7
140 - .106	Very Fine Sand	3.0
270 - .053	Very Fine Sand	1.2



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Lab Number	0008
Sample Description	YUMA G & CC GREEN 2 1 1/2"-3"
Sample Condition	<u>XX</u> Normal ___ Other (see comments)

Method References

ASTM F1632
ASTM F1647 - Method A

D Values

** D10: 0.15
** D60: 0.47
** Coefficient of Uniformity: 3.23

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Lab Number 0008
Sample Description YUMA G & CC
GREEN 2
1 1/2"-3"

Particle Size Analysis

Clay <.002mm	%	2.20
Silt .002mm - .05mm	%	2.80
Sand .05mm - 2.00mm	%	94.2
Gravel > 2.0mm	%	0.8

Org Mat 360 deg C (LOI) 1.67

Sand Fractions

Sieve Size		% Retained
#	mm	
10 - 2.0	Fine Gravel	0.8
18 - 1.0	Very Coarse Sand	8.5
35 - .500	Coarse Sand	26.4
60 - .250	Medium Sand	41.1
100 - .150	Fine Sand	12.9
140 - .106	Very Fine Sand	3.8
270 - .053	Very Fine Sand	1.5



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Submitted By: Soil and Water Consulting

Lab Number	0009
Sample Description	YUMA G & CC GREEN 2 3-4"
Sample Condition	<u>XX</u> Normal ___ Other (see comments)

Method References

ASTM F1632
ASTM F1647 - Method A

D Values

** D10: 0.13
** D60: 0.46
** Coefficient of Uniformity: 3.58

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Brightview Golf Maintenance
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Submitted By: Soil and Water Consulting

Lab Number 0009
Sample Description YUMA G & CC
GREEN 2
3-4"

Particle Size Analysis

Clay <.002mm	%	2.20
Silt .002mm - .05mm	%	3.50
Sand .05mm - 2.00mm	%	94.0
Gravel > 2.0mm	%	0.3

Org Mat 360 deg C (LOI) 1.18

Sand Fractions

Sieve Size		% Retained
#	mm	
10 - 2.0	Fine Gravel	0.3
18 - 1.0	Very Coarse Sand	6.3
35 - .500	Coarse Sand	27.0
60 - .250	Medium Sand	38.9
100 - .150	Fine Sand	15.7
140 - .106	Very Fine Sand	3.6
270 - .053	Very Fine Sand	2.5