



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	0004
Sample Description	YUMA G & CC GREEN 10 0-1 1/2"
Sample Condition	<u>XX</u> Normal ___ Other (see comments)

Method References

ASTM F1632
ASTM F1647 - Method A

D Values

** D10: 0.17
** D60: 0.59
** Coefficient of Uniformity: 3.39

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

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Lab Number 0004
Sample Description YUMA G & CC
GREEN 10
0-1 1/2"

Particle Size Analysis

Clay <.002mm	%	1.20
Silt .002mm - .05mm	%	4.60
Sand .05mm - 2.00mm	%	93.1
Gravel > 2.0mm	%	1.1

Org Mat 360 deg C (LOI) 2.79

Sand Fractions

Sieve Size		% Retained
#	mm	
10 - 2.0	Fine Gravel	1.1
18 - 1.0	Very Coarse Sand	12.8
35 - .500	Coarse Sand	31.8
60 - .250	Medium Sand	37.5
100 - .150	Fine Sand	9.0
140 - .106	Very Fine Sand	2.0
270 - .053	Very Fine Sand	0.1



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Lab Number	0005
Sample Description	YUMA 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: 0.15
** D60: 0.49
** Coefficient of Uniformity: 3.26

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Lab Number 0005
Sample Description YUMA G & CC
GREEN 10
1 1/2"-3"

Particle Size Analysis

Clay <.002mm	%	1.20
Silt .002mm - .05mm	%	4.10
Sand .05mm - 2.00mm	%	94.2
Gravel > 2.0mm	%	0.5

Org Mat 360 deg C (LOI) 1.42

Sand Fractions

Sieve Size		% Retained
#	mm	
10 - 2.0	Fine Gravel	0.5
18 - 1.0	Very Coarse Sand	11.1
35 - .500	Coarse Sand	27.1
60 - .250	Medium Sand	38.6
100 - .150	Fine Sand	12.7
140 - .106	Very Fine Sand	3.1
270 - .053	Very Fine Sand	1.5



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Lab Number	0006
Sample Description	YUMA G & CC GREEN 10 3-4"
Sample Condition	<u>XX</u> Normal ___ Other (see comments)

Method References

ASTM F1632
ASTM F1647 - Method A

D Values

** D10: 0.14
** D60: 0.46
** Coefficient of Uniformity: 3.31

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Lab Number 0006
Sample Description YUMA G & CC
GREEN 10
3-4"

Particle Size Analysis

Clay <.002mm	%	2.10
Silt .002mm - .05mm	%	2.90
Sand .05mm - 2.00mm	%	94.8
Gravel > 2.0mm	%	0.2

Org Mat 360 deg C (LOI) 1.15

Sand Fractions

Sieve Size		<u>% Retained</u>
#	mm	
10 - 2.0	Fine Gravel	0.2
18 - 1.0	Very Coarse Sand	6.7
35 - .500	Coarse Sand	25.9
60 - .250	Medium Sand	41.4
100 - .150	Fine Sand	14.8
140 - .106	Very Fine Sand	4.0
270 - .053	Very Fine Sand	2.1