



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: 2/15/2023
Date Issued: 2/15/2023

Submitted By: Soil and Water Consulting

Lab Number	0010
Sample Description	CALABASAS CC GREEN 17 0-1/2"
Sample Condition	<u>XX</u> Normal ___ Other (see comments)

Method References

ASTM F1632
ASTM F1647 - Method A

D Values

** D10: 0.26
** D60: 0.47
** Coefficient of Uniformity: 1.82

** 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 0010
Sample Description CALABASAS CC
GREEN 17
0-1/2"

Particle Size Analysis

Clay <.002mm	%	3.80
Silt .002mm - .05mm	%	0.10
Sand .05mm - 2.00mm	%	95.7
Gravel > 2.0mm	%	0.4

Org Mat 360 deg C (LOI) 3.91

Sand Fractions

Sieve Size		<u>% Retained</u>
#	mm	
10 - 2.0	Fine Gravel	0.4
18 - 1.0	Very Coarse Sand	3.8
35 - .500	Coarse Sand	27.8
60 - .250	Medium Sand	59.6
100 - .150	Fine Sand	3.2
140 - .106	Very Fine Sand	1.2
270 - .053	Very Fine Sand	0.1



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Lab Number	0011
Sample Description	CALABASAS CC GREEN 17 1 1/2"-3
Sample Condition	<u>XX</u> Normal ___ Other (see comments)

Method References

ASTM F1632
ASTM F1647 - Method A

D Values

** D10: 0.25
** D60: 0.46
** Coefficient of Uniformity: 1.89

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Submitted By: Soil and Water Consulting

Lab Number 0011
Sample Description CALABASAS CC
GREEN 17
1 1/2"-3

Particle Size Analysis

Clay <.002mm	%	1.50
Silt .002mm - .05mm	%	1.00
Sand .05mm - 2.00mm	%	97.2
Gravel > 2.0mm	%	0.3

Org Mat 360 deg C (LOI) 4.89

Sand Fractions

Sieve Size		% Retained
#	mm	
10 - 2.0	Fine Gravel	0.3
18 - 1.0	Very Coarse Sand	2.3
35 - .500	Coarse Sand	29.1
60 - .250	Medium Sand	58.0
100 - .150	Fine Sand	6.2
140 - .106	Very Fine Sand	1.0
270 - .053	Very Fine Sand	0.6



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Submitted By: Soil and Water Consulting

Lab Number	0012
Sample Description	CALABASAS CC GREEN 17 1/2"-1 1
Sample Condition	<u>XX</u> Normal ___ Other (see comments)

Method References

ASTM F1632
ASTM F1647 - Method A

D Values

** D10: 0.27
** D60: 0.46
** Coefficient of Uniformity: 1.75

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Brightview Golf Maintenance
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Submitted By: Soil and Water Consulting

Lab Number 0012
Sample Description CALABASAS CC
GREEN 17
1/2"-1 1

Particle Size Analysis

Clay <.002mm	%	1.50
Silt .002mm - .05mm	%	0.70
Sand .05mm - 2.00mm	%	97.7
Gravel > 2.0mm	%	0.1

Org Mat 360 deg C (LOI) 2.99

Sand Fractions

Sieve Size		% Retained
#	mm	
10 - 2.0	Fine Gravel	0.1
18 - 1.0	Very Coarse Sand	1.9
35 - .500	Coarse Sand	29.1
60 - .250	Medium Sand	62.6
100 - .150	Fine Sand	3.0
140 - .106	Very Fine Sand	0.6
270 - .053	Very Fine Sand	0.4