



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	0007
Sample Description	CALABASAS CC GREEN 9 0-1/2"
Sample Condition	<u>XX</u> Normal ___ Other (see comments)

Method References

ASTM F1632
ASTM F1647 - Method A

D Values

** D10: 0.25
** D60: 0.43
** Coefficient of Uniformity: 1.71

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

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Lab Number 0007
 Sample Description CALABASAS CC
 GREEN 9
 0-1/2"

Particle Size Analysis

Clay <.002mm	%	1.10
Silt .002mm - .05mm	%	2.00
Sand .05mm - 2.00mm	%	96.8
Gravel > 2.0mm	%	0.1

Org Mat 360 deg C (LOI) 3.13

Sand Fractions

Sieve Size		<u>% Retained</u>
#	mm	
10 - 2.0	Fine Gravel	0.1
18 - 1.0	Very Coarse Sand	1.7
35 - .500	Coarse Sand	19.8
60 - .250	Medium Sand	69.5
100 - .150	Fine Sand	3.8
140 - .106	Very Fine Sand	1.4
270 - .053	Very Fine Sand	0.6



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Lab Number	0008
Sample Description	CALABASAS CC GREEN 9 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: 0.47
** Coefficient of Uniformity: 1.85

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Lab Number 0008
 Sample Description CALABASAS CC
 GREEN 9
 1 1/2"-3

Particle Size Analysis

Clay <.002mm	%	1.50
Silt .002mm - .05mm	%	0.60
Sand .05mm - 2.00mm	%	97.6
Gravel > 2.0mm	%	0.3

Org Mat 360 deg C (LOI) 2.32

Sand Fractions

Sieve Size		<u>% Retained</u>
#	mm	
10 - 2.0	Fine Gravel	0.3
18 - 1.0	Very Coarse Sand	2.4
35 - .500	Coarse Sand	30.3
60 - .250	Medium Sand	58.0
100 - .150	Fine Sand	5.5
140 - .106	Very Fine Sand	1.1
270 - .053	Very Fine Sand	0.4



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Lab Number	0009
Sample Description	CALABASAS CC GREEN 9 1/2"-1 1
Sample Condition	<u>XX</u> Normal ___ Other (see comments)

Method References

ASTM F1632
ASTM F1647 - Method A

D Values

** D10: 0.26
** D60: 0.46
** Coefficient of Uniformity: 1.76

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Lab Number 0009
Sample Description CALABASAS CC
GREEN 9
1/2"-1 1

Particle Size Analysis

Clay <.002mm	%	1.40
Silt .002mm - .05mm	%	0.80
Sand .05mm - 2.00mm	%	97.7
Gravel > 2.0mm	%	0.1

Org Mat 360 deg C (LOI) 3.38

Sand Fractions

Sieve Size		% Retained
#	mm	
10 - 2.0	Fine Gravel	0.1
18 - 1.0	Very Coarse Sand	2.4
35 - .500	Coarse Sand	27.0
60 - .250	Medium Sand	63.0
100 - .150	Fine Sand	4.2
140 - .106	Very Fine Sand	0.6
270 - .053	Very Fine Sand	0.4