



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: 2/17/2023
Date Issued: 2/17/2023

Submitted By: Soil and Water Consulting

Lab Number		0044
Sample Description		GLENDORA CC GREEN 13 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: 0.44
** Coefficient of Uniformity: 1.74

** NON A2LA ACCREDITED
** This report may only be reproduced in its entirety.
* These results represent the sample submitted only.*

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** Date of Analysis **
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Lab Number 0044
Sample Description GLENDORA CC
GREEN 13
0-1/2"

Particle Size Analysis

Clay <.002mm	%	1.10
Silt .002mm - .05mm	%	4.20
Sand .05mm - 2.00mm	%	94.2
Gravel > 2.0mm	%	0.5

Org Mat 360 deg C (LOI) 5.16

Sand Fractions

Sieve Size		% Retained
#	mm	
10 - 2.0	Fine Gravel	0.5
18 - 1.0	Very Coarse Sand	1.0
35 - .500	Coarse Sand	22.3
60 - .250	Medium Sand	67.0
100 - .150	Fine Sand	2.8
140 - .106	Very Fine Sand	0.8
270 - .053	Very Fine Sand	0.3



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Lab Number	0045
Sample Description	GLENDORA CC GREEN 13 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: 0.44
** Coefficient of Uniformity: 1.72

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Lab Number 0045
Sample Description GLENDORA CC
GREEN 13
1 1/2"-3

Particle Size Analysis

Clay <.002mm	%	0.80
Silt .002mm - .05mm	%	2.30
Sand .05mm - 2.00mm	%	96.5
Gravel > 2.0mm	%	0.4

Org Mat 360 deg C (LOI) 1.57

Sand Fractions

Sieve Size		<u>% Retained</u>
#	mm	
10 - 2.0	Fine Gravel	0.4
18 - 1.0	Very Coarse Sand	1.0
35 - .500	Coarse Sand	21.5
60 - .250	Medium Sand	68.2
100 - .150	Fine Sand	4.3
140 - .106	Very Fine Sand	1.5
270 - .053	Very Fine Sand	0.0



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Submitted By: Soil and Water Consulting

Lab Number	0046
Sample Description	GLENDORA CC GREEN 13 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: 0.44
** Coefficient of Uniformity: 1.72

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Brightview Golf Maintenance
Glendora, CA

File Number : 87359
** Date of Analysis **
Start Date : 2/13/2023
Completed : 2/17/2023

Submitted By: Soil and Water Consulting

Lab Number 0046
Sample Description GLENDORA CC
GREEN 13
1/2"-1 1

Particle Size Analysis

Clay <.002mm	%	0.80
Silt .002mm - .05mm	%	2.40
Sand .05mm - 2.00mm	%	96.4
Gravel > 2.0mm	%	0.4

Org Mat 360 deg C (LOI) 2.33

Sand Fractions

Sieve Size		% Retained
#	mm	
10 - 2.0	Fine Gravel	0.4
18 - 1.0	Very Coarse Sand	1.1
35 - .500	Coarse Sand	23.7
60 - .250	Medium Sand	67.0
100 - .150	Fine Sand	3.2
140 - .106	Very Fine Sand	0.8
270 - .053	Very Fine Sand	0.6