



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	0026
Sample Description	INDUSTRY HILLS GC GREEN 7I 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: 0.71
** Coefficient of Uniformity: 2.78

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

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File Number : 87359
** Date of Analysis **
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Lab Number 0026
Sample Description INDUSTRY HILLS GC
GREEN 7I
0-1/2"

Particle Size Analysis

Clay <.002mm	%	0.80
Silt .002mm - .05mm	%	6.60
Sand .05mm - 2.00mm	%	92.3
Gravel > 2.0mm	%	0.3

Org Mat 360 deg C (LOI) 6.46

Sand Fractions

Sieve Size		% Retained
#	mm	
10 - 2.0	Fine Gravel	0.3
18 - 1.0	Very Coarse Sand	2.6
35 - .500	Coarse Sand	63.8
60 - .250	Medium Sand	23.8
100 - .150	Fine Sand	1.4
140 - .106	Very Fine Sand	0.5
270 - .053	Very Fine Sand	0.2



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Submitted By: Soil and Water Consulting

Lab Number	0027
Sample Description	INDUSTRY HILLS GC GREEN 7I 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: 0.65
** Coefficient of Uniformity: 2.57

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Submitted By: Soil and Water Consulting

Lab Number 0027
Sample Description INDUSTRY HILLS GC
GREEN 7I
1 1/2"-3

Particle Size Analysis

Clay <.002mm	%	0.90
Silt .002mm - .05mm	%	3.20
Sand .05mm - 2.00mm	%	95.9
Gravel > 2.0mm	%	0.0

Org Mat 360 deg C (LOI) 1.05

Sand Fractions

Sieve Size		% Retained
#	mm	
10 - 2.0	Fine Gravel	0.0
18 - 1.0	Very Coarse Sand	2.7
35 - .500	Coarse Sand	54.0
60 - .250	Medium Sand	33.9
100 - .150	Fine Sand	3.3
140 - .106	Very Fine Sand	1.0
270 - .053	Very Fine Sand	1.0



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Submitted By: Soil and Water Consulting

Lab Number	0028
Sample Description	INDUSTRY HILLS GC GREEN 7I 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: 0.66
** Coefficient of Uniformity: 2.57

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Brightview Golf Maintenance
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Submitted By: Soil and Water Consulting

Lab Number 0028
Sample Description INDUSTRY HILLS GC
GREEN 7I
1/2"-1 1

Particle Size Analysis

Clay <.002mm	%	0.80
Silt .002mm - .05mm	%	4.90
Sand .05mm - 2.00mm	%	94.1
Gravel > 2.0mm	%	0.2

Org Mat 360 deg C (LOI) 2.08

Sand Fractions

Sieve Size		% Retained
#	mm	
10 - 2.0	Fine Gravel	0.2
18 - 1.0	Very Coarse Sand	2.3
35 - .500	Coarse Sand	54.3
60 - .250	Medium Sand	33.8
100 - .150	Fine Sand	2.3
140 - .106	Very Fine Sand	0.7
270 - .053	Very Fine Sand	0.6