



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 : 2/10/2023
Date Completed/Reported: 2/14/2023
Date Issued: 2/14/2023

Submitted By: Soil and Water Consulting

Lab Number	0020
Sample Description	ANGELES NATIONAL GC GREEN 18 0-1/2"
Sample Condition	<u>XX</u> Normal ___ Other (see comments)

Method References

ASTM F1632
ASTM F1647 - Method A

D Values

** D10: 0.22
** D60: 0.44
** Coefficient of Uniformity: 1.98

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

**** PHYSICAL ANALYSIS REPORT ****

Brightview Golf Maintenance
 Glendora, CA

File Number : 87359
 ** Date of Analysis **
 Start Date : 2/10/2023
 Completed : 2/14/2023

Submitted By: Soil and Water Consulting

Lab Number 0020
 Sample Description ANGELES NATIONAL GC
 GREEN 18
 0-1/2"

Particle Size Analysis

Clay <.002mm	%	0.40
Silt .002mm - .05mm	%	5.90
Sand .05mm - 2.00mm	%	93.5
Gravel > 2.0mm	%	0.2

Org Mat 360 deg C (LOI) 3.22

Sand Fractions

Sieve Size		<u>% Retained</u>
#	mm	
10 - 2.0	Fine Gravel	0.2
18 - 1.0	Very Coarse Sand	1.0
35 - .500	Coarse Sand	23.9
60 - .250	Medium Sand	64.2
100 - .150	Fine Sand	3.0
140 - .106	Very Fine Sand	1.0
270 - .053	Very Fine Sand	0.5



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 : 2/10/2023
Date Completed/Reported: 2/14/2023
Date Issued: 2/14/2023

Submitted By: Soil and Water Consulting

Lab Number	0021
Sample Description	ANGELES NATIONAL GC GREEN 18 1 1/2"-3
Sample Condition	<u>XX</u> Normal ___ Other (see comments)

Method References

ASTM F1632
ASTM F1647 - Method A

D Values

** D10: 0.24
** D60: 0.50
** Coefficient of Uniformity: 2.11

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

**** PHYSICAL ANALYSIS REPORT ****

Brightview Golf Maintenance
Glendora, CA

File Number : 87359
** Date of Analysis **
Start Date : 2/10/2023
Completed : 2/14/2023

Submitted By: Soil and Water Consulting

Lab Number 0021
Sample Description ANGELES NATIONAL GC
GREEN 18
1 1/2"-3

Particle Size Analysis

Clay <.002mm	%	1.50
Silt .002mm - .05mm	%	2.50
Sand .05mm - 2.00mm	%	95.9
Gravel > 2.0mm	%	0.1

Org Mat 360 deg C (LOI) 1.94

Sand Fractions

Sieve Size		<u>% Retained</u>
#	mm	
10 - 2.0	Fine Gravel	0.1
18 - 1.0	Very Coarse Sand	1.5
35 - .500	Coarse Sand	38.2
60 - .250	Medium Sand	49.6
100 - .150	Fine Sand	5.0
140 - .106	Very Fine Sand	0.9
270 - .053	Very Fine Sand	0.8



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 : 2/10/2023
Date Completed/Reported: 2/14/2023
Date Issued: 2/14/2023

Submitted By: Soil and Water Consulting

Lab Number	0022
Sample Description	ANGELES NATIONAL GC GREEN 18 1/2"-1 1
Sample Condition	<u>XX</u> Normal ___ Other (see comments)

Method References

ASTM F1632
ASTM F1647 - Method A

D Values

** D10: 0.24
** D60: 0.45
** Coefficient of Uniformity: 1.86

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

**** PHYSICAL ANALYSIS REPORT ****

Brightview Golf Maintenance
Glendora, CA

File Number : 87359
** Date of Analysis **
Start Date : 2/10/2023
Completed : 2/14/2023

Submitted By: Soil and Water Consulting

Lab Number 0022
Sample Description ANGELES NATIONAL GC
GREEN 18
1/2"-1 1

Particle Size Analysis

Clay <.002mm	%	1.40
Silt .002mm - .05mm	%	2.60
Sand .05mm - 2.00mm	%	95.5
Gravel > 2.0mm	%	0.5

Org Mat 360 deg C (LOI) 2.85

Sand Fractions

Sieve Size		% Retained
#	mm	
10 - 2.0	Fine Gravel	0.5
18 - 1.0	Very Coarse Sand	1.3
35 - .500	Coarse Sand	25.0
60 - .250	Medium Sand	62.6
100 - .150	Fine Sand	5.1
140 - .106	Very Fine Sand	1.1
270 - .053	Very Fine Sand	0.3