



**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 : 2/9/2023  
Date Completed/Reported: 2/14/2023  
Date Issued: 2/14/2023

Submitted By: Soil and Water Consulting

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Lab Number	0004
Sample Description	ANTELOPE VALLEY CC GREEN 10 0-1/2"
Sample Condition	<u>XX</u> Normal      ___ Other (see comments)

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**Method References**

ASTM F1632  
ASTM F1647 - Method A

**D Values**

\*\* D10: 0.26  
\*\* D60: 0.47  
\*\* Coefficient of Uniformity: 1.79

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

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Brightview Golf Maintenance  
Glendora, CA

File Number : 87359  
\*\* Date of Analysis \*\*  
Start Date : 2/9/2023  
Completed : 2/14/2023

Submitted By: Soil and Water Consulting

Lab Number 0004  
Sample Description ANTELOPE VALLEY CC  
GREEN 10  
0-1/2"

**Particle Size Analysis**

Clay <.002mm	%	1.30
Silt .002mm - .05mm	%	1.50
Sand .05mm - 2.00mm	%	96.5
Gravel > 2.0mm	%	0.7

Org Mat 360 deg C (LOI) 7.09

**Sand Fractions**

Sieve Size		% Retained
#	mm	
10 - 2.0	Fine Gravel	0.7
18 - 1.0	Very Coarse Sand	1.5
35 - .500	Coarse Sand	29.4
60 - .250	Medium Sand	60.7
100 - .150	Fine Sand	3.7
140 - .106	Very Fine Sand	1.0
270 - .053	Very Fine Sand	0.1



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Lab Number	0005
Sample Description	ANTELOPE VALLEY CC GREEN 10 1/2"-1 1/2"
Sample Condition	<u>XX</u> Normal      ___ Other (see comments)

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**Method References**

ASTM F1632  
ASTM F1647 - Method A

**D Values**

\*\* D10: 0.24  
\*\* D60: 0.45  
\*\* Coefficient of Uniformity: 1.85

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Lab Number 0005  
Sample Description ANTELOPE VALLEY CC  
GREEN 10  
1/2"-1 1/2"

### Particle Size Analysis

Clay <.002mm	%	0.50
Silt .002mm - .05mm	%	2.80
Sand .05mm - 2.00mm	%	96.1
Gravel > 2.0mm	%	0.6

Org Mat 360 deg C (LOI) 3.58

### Sand Fractions

Sieve Size		% Retained
#	mm	
10 - 2.0	Fine Gravel	0.6
18 - 1.0	Very Coarse Sand	1.3
35 - .500	Coarse Sand	24.5
60 - .250	Medium Sand	63.3
100 - .150	Fine Sand	5.4
140 - .106	Very Fine Sand	1.1
270 - .053	Very Fine Sand	0.7



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Lab Number	0006
Sample Description	ANTELOPE VALLEY CC GREEN 10 1 1/2"-3"
Sample Condition	<u>XX</u> Normal      ___ Other (see comments)

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**Method References**

ASTM F1632  
ASTM F1647 - Method A

**D Values**

\*\* D10: 0.26  
\*\* D60: 0.49  
\*\* Coefficient of Uniformity: 1.92

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Brightview Golf Maintenance  
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File Number : 87359  
\*\* Date of Analysis \*\*  
Start Date : 2/9/2023  
Completed : 2/14/2023

Submitted By: Soil and Water Consulting

Lab Number 0006  
Sample Description ANTELOPE VALLEY CC  
GREEN 10  
1 1/2"-3"

### Particle Size Analysis

Clay <.002mm	%	0.40
Silt .002mm - .05mm	%	1.40
Sand .05mm - 2.00mm	%	97.6
Gravel > 2.0mm	%	0.6

Org Mat 360 deg C (LOI) 2.20

### Sand Fractions

Sieve Size		% Retained
#	mm	
10 - 2.0	Fine Gravel	0.6
18 - 1.0	Very Coarse Sand	1.7
35 - .500	Coarse Sand	35.7
60 - .250	Medium Sand	53.1
100 - .150	Fine Sand	5.2
140 - .106	Very Fine Sand	1.2
270 - .053	Very Fine Sand	0.7