



**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: 2/16/2023  
Date Issued: 2/16/2023

Submitted By: Soil and Water Consulting

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Lab Number	0239
Sample Description	PW GILLIBRAND #30 BAG
Sample Condition	<u>XX</u> Normal      ___ Other (see comments)

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**Method References**

ASTM F1632  
ASTM F1647 - Method A

**D Values**

\*\* D10: 0.28  
\*\* D60: 0.48  
\*\* Coefficient of Uniformity: 1.71

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\*Reported values are an average of duplicated analysis

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



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Brightview Golf Maintenance  
Glendora, CA

File Number : 87359  
\*\* Date of Analysis \*\*  
Start Date : 2/13/2023  
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Submitted By: Soil and Water Consulting Reviewed by:

Lab Number 0239  
Sample Description PW GILLIBRAND  
#30 BAG

**Particle Size Analysis**

**USGA Specs**

Clay <.002mm	%	0.7	<= 3.0%
Silt .002mm - .05mm	%	1.4	<= 5.0%
Sand .05mm - 2.00mm	%	97.9	
Gravel > 2.0mm	%	0.0	

Org Mat 360 deg C (LOI) < 0.10

**Sand Fractions**

Sieve Size		% Retained	
#	mm		
10 - 2.0	Fine Gravel	0.0	2.0mm <= 3.0%
18 - 1.0	Very Coarse Sand	0.1	2.0mm + 1.0mm <= 10%
35 - .500	Coarse Sand	33.7	
60 - .250	Medium Sand	63.2	0.5mm + 0.25mm >= 60%
100 - .150	Fine Sand	0.8	0.15mm <= 20%
140 - .106	Very Fine Sand	0.1	0.106mm + 0.053mm <= 5.0%
270 - .053	Very Fine Sand	0.0	