



BROOKSIDE LABORATORIES, INC.
GEOTECHNICAL DIVISION
200 WHITE MOUNTAIN DRIVE
NEW BREMEN, OH 45869

**** PHYSICAL ANALYSIS REPORT ****

Running Deer Golf Club
Elmer, NJ 08318

File Number: 53874

Date Received/Started : 4/20/2023
Date Completed/Reported: 4/25/2023
Date Issued: 4/25/2023

Submitted By: Soil and Water Consulting

Lab Number	0933
Sample Description	TUCKAHOE S&G TOPDRESSING SAND
Sample Condition	<u>XX</u> Normal ___ Other (see comments)

Method References

ASTM F1632
ASTM F1647 - Method A

D Values

** D10: 0.18
** D60: 0.45
** Coefficient of Uniformity: 2.47

*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.*



Geotechnical
(Putting Green Materials)
Certificate Number: 736.01

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Start Date : 4/20/2023
Completed : 4/25/2023

Submitted By: Soil and Water Consulting Reviewed by:

Lab Number 0933
Sample Description TUCKAHOE S&G
TOPDRESSING SAND

Particle Size Analysis

Clay	<.002mm	%	0.2
Silt	.002mm - .05mm	%	0.9
Sand	.05mm - 2.00mm	%	98.8
Gravel	> 2.0mm	%	0.1

Org Mat 360 deg C (LOI) < 0.10

Sand Fractions

Sieve Size		% Retained	
#	mm		
10 -	2.0	Fine Gravel	0.1
18 -	1.0	Very Coarse Sand	9.8
35 -	.500	Coarse Sand	21.5
60 -	.250	Medium Sand	47.4
100 -	.150	Fine Sand	16.9
140 -	.106	Very Fine Sand	2.8
270 -	.053	Very Fine Sand	0.4



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Submitted By: Soil and Water Consulting

Lab Number	0934
Sample Description	WIBCO TOPDRESSING SAND
Sample Condition	<u>XX</u> Normal ___ Other (see comments)

Method References

ASTM F1632
ASTM F1647 - Method A

D Values

** D10: 0.15
** D60: 0.34
** Coefficient of Uniformity: 2.27

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Lab Number 0934
Sample Description WIBCO
TOPDRESSING SAND

Particle Size Analysis

Clay	<.002mm	%	0.2
Silt	.002mm - .05mm	%	0.4
Sand	.05mm - 2.00mm	%	99.4
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
18 - 1.0	Very Coarse Sand	0.1
35 - .500	Coarse Sand	7.0
60 - .250	Medium Sand	52.4
100 - .150	Fine Sand	30.8
140 - .106	Very Fine Sand	8.1
270 - .053	Very Fine Sand	1.0