



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

**** PHYSICAL ANALYSIS REPORT ****

Brooklake Country Club
Florham Park, NJ

File Number: 90018

Date Received/Started : 8/3/2023

Date Completed/Reported: 8/9/2023

Date Issued: 8/9/2023

Submitted By: Soil and Water Consulting

Lab Number	0008
Sample Description	GREEN
	4
	0-8
Sample Condition	<u>XX</u> Normal ___ Other (see comments)

Method References

ASTM F1632
ASTM F1647 - Method A

D Values

** D10: 0.16
** D60: 0.44
** Coefficient of Uniformity: 2.72

** NON A2LA ACCREDITED

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* *These results represent the sample submitted only.*

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Lab Number	0008
Sample Description	GREEN
	4
	0-8

Particle Size Analysis

Clay	<.002mm	%	0.20
Silt	.002mm - .05mm	%	2.30
Sand	.05mm - 2.00mm	%	95.7
Gravel	> 2.0mm	%	1.8

Org Mat 360 deg C (LOI)	1.47
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Sand Fractions

Sieve Size			% Retained
#	mm		
10 -	2.0	Fine Gravel	1.8
18 -	1.0	Very Coarse Sand	5.4
35 -	.500	Coarse Sand	22.2
60 -	.250	Medium Sand	44.1
100 -	.150	Fine Sand	18.7
140 -	.106	Very Fine Sand	4.1
270 -	.053	Very Fine Sand	1.3



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Lab Number	0010
Sample Description	GREEN
	14
	0-4
Sample Condition	<u>XX</u> Normal ___ Other (see comments)

Method References

ASTM F1632
ASTM F1647 - Method A

D Values

** D10: 0.19
** D60: 0.46
** Coefficient of Uniformity: 2.47

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Lab Number	0010
Sample Description	GREEN
	14
	0-4

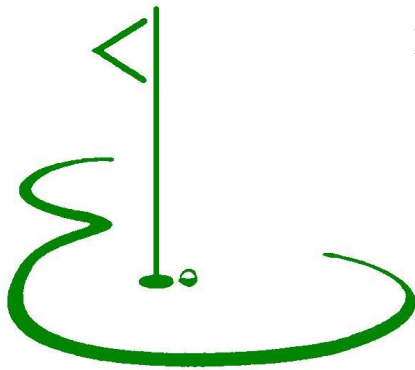
Particle Size Analysis

Clay	<.002mm	%	0.20
Silt	.002mm - .05mm	%	0.20
Sand	.05mm - 2.00mm	%	95.8
Gravel	> 2.0mm	%	3.8

Org Mat 360 deg C (LOI)	2.95
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Sand Fractions

Sieve Size			<u>% Retained</u>
#	mm		
10 -	2.0	Fine Gravel	3.8
18 -	1.0	Very Coarse Sand	3.5
35 -	.500	Coarse Sand	25.0
60 -	.250	Medium Sand	47.4
100 -	.150	Fine Sand	16.1
140 -	.106	Very Fine Sand	2.5
270 -	.053	Very Fine Sand	1.4



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Lab Number	0011
Sample Description	GREEN
	14
	BELOW 4
Sample Condition	<u>XX</u> Normal ___ Other (see comments)

Method References

ASTM F1632
ASTM F1647 - Method A

D Values

** D10: 0.05
** D60: 0.37
** Coefficient of Uniformity: 7.43

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Lab Number 0011
Sample Description GREEN
14
BELOW 4

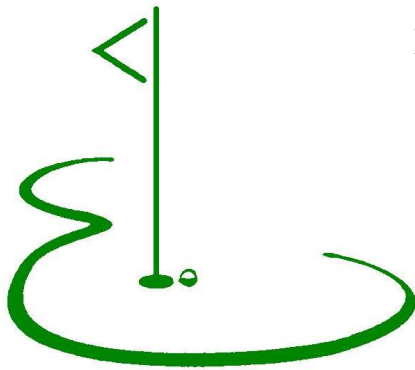
Particle Size Analysis

Clay	<.002mm	%	22.70
Silt	.002mm - .05mm	%	5.10
Sand	.05mm - 2.00mm	%	68.5
Gravel	> 2.0mm	%	3.7

Org Mat 360 deg C (LOI) 3.19

Sand Fractions

Sieve Size			% Retained
#	mm		
10 -	2.0	Fine Gravel	3.7
18 -	1.0	Very Coarse Sand	6.9
35 -	.500	Coarse Sand	16.9
60 -	.250	Medium Sand	24.3
100 -	.150	Fine Sand	11.0
140 -	.106	Very Fine Sand	8.6
270 -	.053	Very Fine Sand	0.8



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Submitted By: Soil and Water Consulting

Lab Number	0012
Sample Description	GREENS 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: 0.43
** Coefficient of Uniformity: 2.38

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Lab Number 0012
Sample Description GREENS
TOPDRESSING
SAND

Particle Size Analysis

Clay	<.002mm	%	0.20
Silt	.002mm - .05mm	%	0.70
Sand	.05mm - 2.00mm	%	99.1
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	0.3
35 -	.500	Coarse Sand	26.4
60 -	.250	Medium Sand	50.7
100 -	.150	Fine Sand	18.6
140 -	.106	Very Fine Sand	2.9
270 -	.053	Very Fine Sand	0.2