



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

**** PHYSICAL ANALYSIS REPORT ****

Jumping Brook Country Club
210 Jumping Brook Road
Neptune, NJ 07753

File Number: 74738

Date Received/Started : 9/7/2022
Date Completed/Reported: 9/9/2022
Date Issued: 9/9/2022

Submitted By: Soil and Water Consulting

Lab Number	0001
Sample Description	GREEN #7 0-5 1/2'
Sample Condition	<u>XX</u> Normal ___ Other (see comments)

Method References

ASTM F1632
ASTM F1647 - Method A

D Values

** D10: 0.08
** D60: 0.44
** Coefficient of Uniformity: 5.14

** NON A2LA ACCREDITED
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Lab Number 0001
Sample Description GREEN #7
0-5 1/2'

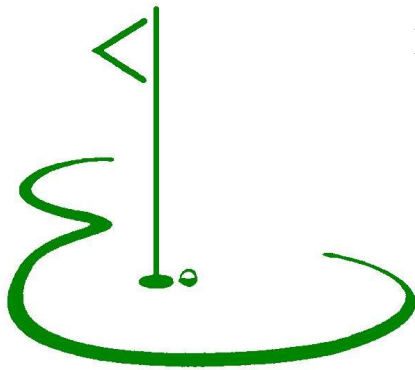
Particle Size Analysis

Clay	<.002mm	%	1.20
Silt	.002mm - .05mm	%	7.80
Sand	.05mm - 2.00mm	%	89.6
Gravel	> 2.0mm	%	1.4

Org Mat 360 deg C (LOI) 3.14

Sand Fractions

Sieve Size		% Retained	
#	mm		
10 -	2.0	Fine Gravel	1.4
18 -	1.0	Very Coarse Sand	4.4
35 -	.500	Coarse Sand	23.0
60 -	.250	Medium Sand	43.7
100 -	.150	Fine Sand	13.1
140 -	.106	Very Fine Sand	3.7
270 -	.053	Very Fine Sand	1.6



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Lab Number	0002
Sample Description	GREEN #7 BELOW 5
Sample Condition	<u>XX</u> Normal ___ Other (see comments)

Method References

ASTM F1632
ASTM F1647 - Method A

D Values

** D10: 0.05
** D60: 0.28
** Coefficient of Uniformity: 5.51

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Lab Number	0002
Sample Description	GREEN #7
	BELOW 5

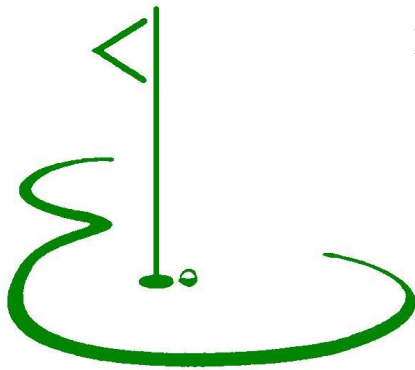
Particle Size Analysis

Clay	<.002mm	%	7.20
Silt	.002mm - .05mm	%	18.60
Sand	.05mm - 2.00mm	%	67.7
Gravel	> 2.0mm	%	6.5

Org Mat 360 deg C (LOI)	4.85
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Sand Fractions

Sieve Size			% Retained
#	mm		
10 -	2.0	Fine Gravel	6.5
18 -	1.0	Very Coarse Sand	5.6
35 -	.500	Coarse Sand	11.3
60 -	.250	Medium Sand	18.5
100 -	.150	Fine Sand	9.9
140 -	.106	Very Fine Sand	12.9
270 -	.053	Very Fine Sand	9.5



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Lab Number	0003
Sample Description	GREEN #15 0- 5"
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: 2.69

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Submitted By: Soil and Water Consulting

Lab Number 0003
Sample Description GREEN #15
0- 5"

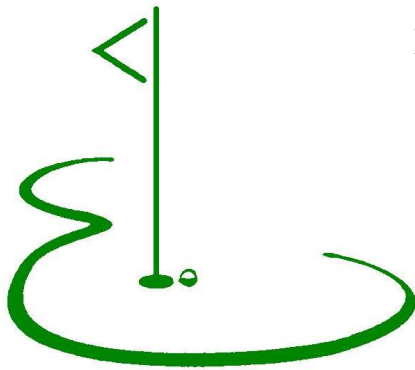
Particle Size Analysis

Clay	<.002mm	%	0.20
Silt	.002mm - .05mm	%	4.30
Sand	.05mm - 2.00mm	%	93.8
Gravel	> 2.0mm	%	1.7

Org Mat 360 deg C (LOI)	3.04
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Sand Fractions

Sieve Size			% Retained
#	mm		
10 -	2.0	Fine Gravel	1.7
18 -	1.0	Very Coarse Sand	3.5
35 -	.500	Coarse Sand	23.2
60 -	.250	Medium Sand	47.7
100 -	.150	Fine Sand	16.0
140 -	.106	Very Fine Sand	2.3
270 -	.053	Very Fine Sand	1.1



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Lab Number	0004
Sample Description	GREEN #15 BELOW 5"
Sample Condition	<u>XX</u> Normal ___ Other (see comments)

Method References

ASTM F1632
ASTM F1647 - Method A

D Values

** D10: 0.05
** D60: 0.31
** Coefficient of Uniformity: 6.27

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Submitted By: Soil and Water Consulting

Lab Number	0004
Sample Description	GREEN #15 BELOW 5"

Particle Size Analysis

Clay	<.002mm	%	9.20
Silt	.002mm - .05mm	%	20.50
Sand	.05mm - 2.00mm	%	68.9
Gravel	> 2.0mm	%	1.4

Org Mat 360 deg C (LOI)	5.62
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Sand Fractions

Sieve Size			% Retained
#	mm		
10 -	2.0	Fine Gravel	1.4
18 -	1.0	Very Coarse Sand	5.3
35 -	.500	Coarse Sand	14.9
60 -	.250	Medium Sand	24.8
100 -	.150	Fine Sand	10.7
140 -	.106	Very Fine Sand	6.8
270 -	.053	Very Fine Sand	6.5



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Submitted By: Soil and Water Consulting

Lab Number	1983
Sample Description	MITCHELL 350 TOPDRESS
Sample Condition	<u>XX</u> Normal ___ Other (see comments)

Method References

ASTM F1632
ASTM F1647 - Method A

D Values

** D10: 0.20
** D60: 0.47
** Coefficient of Uniformity: 2.35

*Reported values are an average of duplicated analysis

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Geotechnical
(Putting Green Materials)
Certificate Number: 736.01

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Start Date : 9/7/2022
Completed : 9/9/2022

Submitted By: Soil and Water Consulting Reviewed by:

Lab Number 1983
Sample Description MITCHELL
350
TOPDRESS

Particle Size Analysis

Clay	<.002mm	%	0.6
Silt	.002mm - .05mm	%	0.3
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	0.9
35 -	.500	Coarse Sand	34.1
60 -	.250	Medium Sand	49.6
100 -	.150	Fine Sand	11.2
140 -	.106	Very Fine Sand	3.0
270 -	.053	Very Fine Sand	0.3