



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 : 9/13/2019
Date Completed/Reported: 9/18/2019

Submitted By: Soil and Water Consulting

Lab Number	0003
Sample Description	GREEN
	0-5"
Sample Condition	<u>XX</u> Normal ___ Other (see comments)

Method References

ASTM F1632
ASTM F1647 - Method A

D Values

** D10: 0.08
** D60: 0.41
** Coefficient of Uniformity: 5.39

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

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Lab Number	0003
Sample Description	GREEN
	0-5"

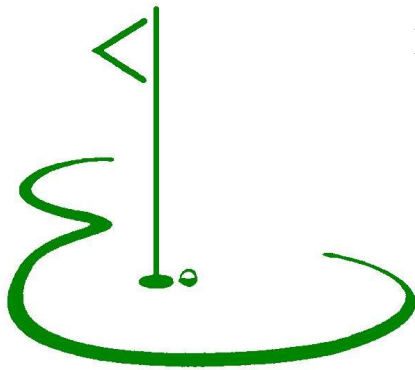
Particle Size Analysis

Clay	<.002mm	%	2.20
Silt	.002mm - .05mm	%	6.80
Sand	.05mm - 2.00mm	%	90.4
Gravel	> 2.0mm	%	0.6

Org Mat 360 deg C (LOI)	4.90
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Sand Fractions

Sieve Size			<u>% Retained</u>
#	mm		
10 -	2.0	Fine Gravel	0.6
18 -	1.0	Very Coarse Sand	3.8
35 -	.500	Coarse Sand	18.8
60 -	.250	Medium Sand	45.2
100 -	.150	Fine Sand	15.8
140 -	.106	Very Fine Sand	4.7
270 -	.053	Very Fine Sand	2.2



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

Method References

ASTM F1632
ASTM F1647 - Method A

D Values

** D10: 0.05
** D60: 0.20
** Coefficient of Uniformity: 4.01

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Submitted By: Soil and Water Consulting

Lab Number 0004
Sample Description GREEN
BELOW 5"

Particle Size Analysis

Clay	<.002mm	%	7.40
Silt	.002mm - .05mm	%	19.70
Sand	.05mm - 2.00mm	%	72.0
Gravel	> 2.0mm	%	0.9

Org Mat 360 deg C (LOI)	3.85
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Sand Fractions

Sieve Size			% Retained
#	mm		
10 -	2.0	Fine Gravel	0.9
18 -	1.0	Very Coarse Sand	2.8
35 -	.500	Coarse Sand	9.3
60 -	.250	Medium Sand	20.9
100 -	.150	Fine Sand	12.3
140 -	.106	Very Fine Sand	14.4
270 -	.053	Very Fine Sand	12.3
