



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

**** PHYSICAL ANALYSIS REPORT ****

Maplewood Country Club
28 Baker Street
Maplewood, NJ 07040

File Number: 88180

Date Received/Started : 07/08/2022
Date Completed/Reported: 07/15/2022
Date Issued: 07/15/2022

Submitted By: Soil and Water Consulting

Lab Number	0005
Sample Description	GREEN #2 0- 5"
Sample Condition	XX Normal Other (see comments)

Method References

ASTM F1632
ASTM F1647 - Method A

D Values

** D10: 0.18
** D60: 0.43
** Coefficient of Uniformity: 2.43

** NON A2LA ACCREDITED

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* *These results represent the sample submitted only.*

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Lab Number 0005
 Sample Description GREEN #2
 0- 5"

Particle Size Analysis

Clay <.002mm	%	0.60
Silt .002mm - .05mm	%	0.70
Sand .05mm - 2.00mm	%	98.6
Gravel > 2.0mm	%	0.1

Org Mat 360 deg C (LOI) % 1.54

Sand Fractions

Sieve Size		<u>% Retained</u>
#	mm	
10 - 2.0	Fine Gravel	0.1
18 - 1.0	Very Coarse Sand	1.4
35 - .500	Coarse Sand	23.5
60 - .250	Medium Sand	52.5
100 - .150	Fine Sand	16.9
140 - .106	Very Fine Sand	3.3
270 - .053	Very Fine Sand	0.9



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Lab Number	0006
Sample Description	GREEN #2 BELOW 5"
Sample Condition	XX Normal Other (see comments)

Method References

ASTM F1632
ASTM F1647 - Method A

D Values

** D10: 0.05
** D60: 0.34
** Coefficient of Uniformity: 6.76

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Lab Number 0006
 Sample Description GREEN #2
 BELOW 5"

Particle Size Analysis

Clay <.002mm	%	6.80
Silt .002mm - .05mm	%	19.90
Sand .05mm - 2.00mm	%	70.8
Gravel > 2.0mm	%	2.5

Org Mat 360 deg C (LOI) % 4.45

Sand Fractions

Sieve Size		<u>% Retained</u>
#	mm	
10 -	2.0 Fine Gravel	2.5
18 -	1.0 Very Coarse Sand	6.3
35 -	.500 Coarse Sand	15.5
60 -	.250 Medium Sand	24.4
100 -	.150 Fine Sand	12.4
140 -	.106 Very Fine Sand	12.3
270 -	.053 Very Fine Sand	0.0



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Lab Number	0007
Sample Description	GREEN #8 0-5"
Sample Condition	XX Normal Other (see comments)

Method References

ASTM F1632
ASTM F1647 - Method A

D Values

** D10: 0.17
** D60: 0.43
** Coefficient of Uniformity: 2.52

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Lab Number 0007
 Sample Description GREEN #8
 0-5"

Particle Size Analysis

Clay <.002mm	%	1.60
Silt .002mm - .05mm	%	0.60
Sand .05mm - 2.00mm	%	97.3
Gravel > 2.0mm	%	0.5

Org Mat 360 deg C (LOI) %	1.88
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Sand Fractions

Sieve Size		<u>% Retained</u>
#	mm	
10 -	2.0	Fine Gravel 0.5
18 -	1.0	Very Coarse Sand 1.4
35 -	.500	Coarse Sand 23.5
60 -	.250	Medium Sand 52.0
100 -	.150	Fine Sand 16.0
140 -	.106	Very Fine Sand 4.0
270 -	.053	Very Fine Sand 0.5



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Lab Number	0008
Sample Description	GREEN #8 BELOW 5"
Sample Condition	XX Normal Other (see comments)

Method References

ASTM F1632
ASTM F1647 - Method A

D Values

** D10: 0.05
** D60: 0.38
** Coefficient of Uniformity: 7.61

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Lab Number 0008
 Sample Description GREEN #8
 BELOW 5"

Particle Size Analysis

Clay <.002mm	%	6.70
Silt .002mm - .05mm	%	15.50
Sand .05mm - 2.00mm	%	76.5
Gravel > 2.0mm	%	1.3

Org Mat 360 deg C (LOI) % 4.41

Sand Fractions

Sieve Size		<u>% Retained</u>
#	mm	
10 -	2.0	Fine Gravel 1.3
18 -	1.0	Very Coarse Sand 5.6
35 -	.500	Coarse Sand 18.7
60 -	.250	Medium Sand 30.1
100 -	.150	Fine Sand 12.3
140 -	.106	Very Fine Sand 5.7
270 -	.053	Very Fine Sand 4.1