



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

**** PHYSICAL ANALYSIS REPORT ****

Crop Production Services

File Number: 70654

Date Received/Started : 4/21/2017

Date Completed/Reported: 4/25/2017

Submitted By: Soil and Water Consulting

Lab Number	0635
Sample Description	CANYONGATE CC PROPOSED GREENSMIX
Sample Condition	<u>XX</u> Normal ___ Other (see comments)

Method References

ASTM F1632
ASTM F1647 - Method A
ASTM F1815

D Values

** D10: 0.17
** D60: 0.50
** Coefficient of Uniformity: 2.94

*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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Submitted By: Soil and Water Consulting Reviewed by:

Jackie Brackman

Lab Number 0635

Sample Description CANYONGATE CC
PROPOSED
GREENSMIX**Particle Size Analysis****USGA Specs**

Clay	<.002mm	%	0.4	<= 3.0%
Silt	.002mm - .05mm	%	1.4	<= 5.0%
Sand	.05mm - 2.00mm	%	97.7	
Gravel	> 2.0mm	%	0.5	

Org Mat 360 deg C (LOI) 0.15

Sand Fractions

Sieve Size		% Retained		
#	mm			
10 -	2.0	Fine Gravel	0.5	2.0mm <= 3.0%
18 -	1.0	Very Coarse Sand	8.9	2.0mm + 1.0mm <= 10%
35 -	.500	Coarse Sand	30.4	
60 -	.250	Medium Sand	40.0	0.5mm + 0.25mm >= 60%
100 -	.150	Fine Sand	12.7	0.15mm <= 20%
140 -	.106	Very Fine Sand	3.9	0.106mm + 0.053mm <= 5.0%
270 -	.053	Very Fine Sand	1.8	

Soil Moisture Measurements

Saturated Conductivity in/hr 32.0