



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

**** PHYSICAL ANALYSIS REPORT ****

Dragon Ridge C.C.
Henderson, NV

File Number: 47746

Date Received/Started : 6/19/2023
Date Completed/Reported: 6/21/2023
Date Issued: 6/21/2023

Submitted By: Soil and Water Consulting

Lab Number	0001
Sample Description	GREEN SURROUND MIX HOLE 1
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: 5.69

** NON A2LA ACCREDITED
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* *These results represent the sample submitted only.*

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Lab Number 0001
Sample Description GREEN SURROUND
MIX
HOLE 1

Particle Size Analysis

Clay	<.002mm	%	5.40
Silt	.002mm - .05mm	%	8.00
Sand	.05mm - 2.00mm	%	69.6
Gravel	> 2.0mm	%	17.0

Org Mat 360 deg C (LOI) 4.42

Sand Fractions

Sieve Size			% Retained
#	mm		
10 -	2.0	Fine Gravel	17.0
18 -	1.0	Very Coarse Sand	5.6
35 -	.500	Coarse Sand	6.2
60 -	.250	Medium Sand	13.1
100 -	.150	Fine Sand	23.1
140 -	.106	Very Fine Sand	12.5
270 -	.053	Very Fine Sand	9.2



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Lab Number	0002
Sample Description	GREEN SURROUND MIX HOLE 7
Sample Condition	<u>XX</u> Normal ___ Other (see comments)

Method References

ASTM F1632
ASTM F1647 - Method A

D Values

** D10: 0.05
** D60: 0.23
** Coefficient of Uniformity: 4.57

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Lab Number 0002
Sample Description GREEN SURROUND
MIX
HOLE 7

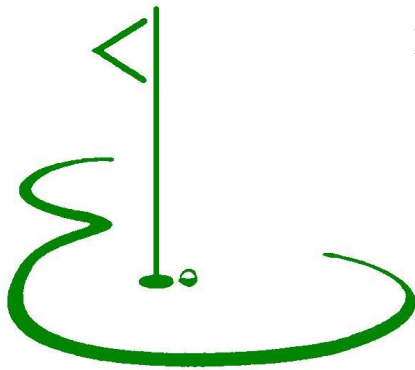
Particle Size Analysis

Clay	<.002mm	%	5.40
Silt	.002mm - .05mm	%	9.50
Sand	.05mm - 2.00mm	%	70.8
Gravel	> 2.0mm	%	14.3

Org Mat 360 deg C (LOI) 4.88

Sand Fractions

Sieve Size			% Retained
#	mm		
10 -	2.0	Fine Gravel	14.3
18 -	1.0	Very Coarse Sand	4.9
35 -	.500	Coarse Sand	5.5
60 -	.250	Medium Sand	9.4
100 -	.150	Fine Sand	27.1
140 -	.106	Very Fine Sand	13.7
270 -	.053	Very Fine Sand	10.1



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Lab Number	0003
Sample Description	GREEN SURROUND MIX HOLE 12
Sample Condition	<u>XX</u> Normal ___ Other (see comments)

Method References

ASTM F1632
ASTM F1647 - Method A

D Values

** D10: 0.05
** D60: 0.24
** Coefficient of Uniformity: 4.88

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Lab Number 0003
Sample Description GREEN SURROUND
MIX
HOLE 12

Particle Size Analysis

Clay	<.002mm	%	6.50
Silt	.002mm - .05mm	%	7.10
Sand	.05mm - 2.00mm	%	67.8
Gravel	> 2.0mm	%	18.6

Org Mat 360 deg C (LOI) 3.81

Sand Fractions

Sieve Size			% Retained
#	mm		
10 -	2.0	Fine Gravel	18.6
18 -	1.0	Very Coarse Sand	4.9
35 -	.500	Coarse Sand	4.0
60 -	.250	Medium Sand	11.0
100 -	.150	Fine Sand	24.2
140 -	.106	Very Fine Sand	13.3
270 -	.053	Very Fine Sand	10.3