



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 : 4/8/2022
Date Completed/Reported: 4/13/2022
Date Issued: 4/13/2022

Submitted By: Soil and Water Consulting

Lab Number	0014
Sample Description	GREEN
	1
	BELOW 6"
Sample Condition	<u>XX</u> Normal ___ Other (see comments)

Method References

ASTM F1632
ASTM F1647 - Method A

D Values

** D10: 0.14
** D60: 0.57
** Coefficient of Uniformity: 4.04

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

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Lab Number	0014
Sample Description	GREEN
	1
	BELOW 6"

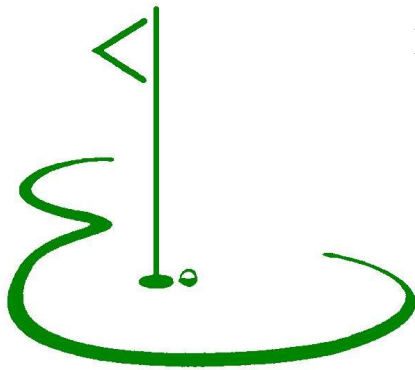
Particle Size Analysis

Clay	<.002mm	%	3.20
Silt	.002mm - .05mm	%	0.80
Sand	.05mm - 2.00mm	%	96.0
Gravel	> 2.0mm	%	0.0

Org Mat 360 deg C (LOI)	0.26
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Sand Fractions

Sieve Size			% Retained
#	mm		
10 -	2.0	Fine Gravel	0.0
18 -	1.0	Very Coarse Sand	8.4
35 -	.500	Coarse Sand	37.0
60 -	.250	Medium Sand	31.4
100 -	.150	Fine Sand	12.3
140 -	.106	Very Fine Sand	5.1
270 -	.053	Very Fine Sand	1.9



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Lab Number	0015
Sample Description	GREEN
	9
	BELOW 6"
Sample Condition	<u>XX</u> Normal ___ Other (see comments)

Method References

ASTM F1632
ASTM F1647 - Method A

D Values

** D10: 0.11
** D60: 0.52
** Coefficient of Uniformity: 4.88

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Submitted By: Soil and Water Consulting

Lab Number 0015
Sample Description GREEN
9
BELOW 6"

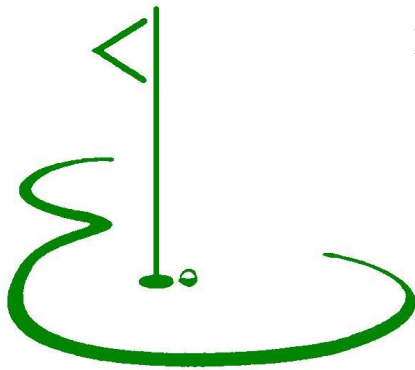
Particle Size Analysis

Clay	<.002mm	%	3.20
Silt	.002mm - .05mm	%	3.80
Sand	.05mm - 2.00mm	%	93.0
Gravel	> 2.0mm	%	0.0

Org Mat 360 deg C (LOI) 0.38

Sand Fractions

Sieve Size			% Retained
#	mm		
10 -	2.0	Fine Gravel	0.0
18 -	1.0	Very Coarse Sand	6.8
35 -	.500	Coarse Sand	34.3
60 -	.250	Medium Sand	31.7
100 -	.150	Fine Sand	11.9
140 -	.106	Very Fine Sand	5.2
270 -	.053	Very Fine Sand	3.0



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Submitted By: Soil and Water Consulting

Lab Number	0016
Sample Description	GREEN
	18
	BELOW 6"
Sample Condition	<u>XX</u> Normal ___ Other (see comments)

Method References

ASTM F1632
ASTM F1647 - Method A

D Values

** D10: 0.14
** D60: 0.55
** Coefficient of Uniformity: 3.97

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Submitted By: Soil and Water Consulting

Lab Number 0016
Sample Description GREEN
18
BELOW 6"

Particle Size Analysis

Clay	<.002mm	%	3.20
Silt	.002mm - .05mm	%	1.40
Sand	.05mm - 2.00mm	%	95.4
Gravel	> 2.0mm	%	0.0

Org Mat 360 deg C (LOI) 0.47

Sand Fractions

Sieve Size		% Retained
#	mm	
10 - 2.0	Fine Gravel	0.0
18 - 1.0	Very Coarse Sand	7.1
35 - .500	Coarse Sand	36.6
60 - .250	Medium Sand	30.8
100 - .150	Fine Sand	14.3
140 - .106	Very Fine Sand	4.1
270 - .053	Very Fine Sand	2.4