



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

**** PHYSICAL ANALYSIS REPORT ****

Las Vegas Country Club
Joe W. Brown Street
Las Vegas, NV 89109

File Number: 51324

Date Received/Started : 1/5/2018
Date Completed/Reported: 1/10/2018

Submitted By: Soil and Water Consulting

Lab Number	0002
Sample Description	GREEN
	4
	0-2 "
Sample Condition	<u>XX</u> Normal ___ Other (see comments)

Method References

ASTM F1632
ASTM F1647 - Method A

D Values

** D10: 0.12
** D60: 0.49
** Coefficient of Uniformity: 4.06

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

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Lab Number	0002
Sample Description	GREEN
	4
	0-2 "

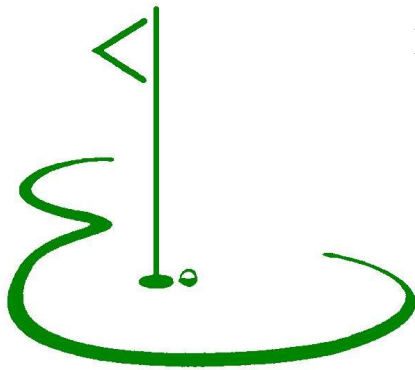
Particle Size Analysis

Clay	<.002mm	%	3.20
Silt	.002mm - .05mm	%	4.00
Sand	.05mm - 2.00mm	%	92.6
Gravel	> 2.0mm	%	0.2

Org Mat 360 deg C (LOI)	2.01
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Sand Fractions

Sieve Size			% Retained
#	mm		
10 -	2.0	Fine Gravel	0.2
18 -	1.0	Very Coarse Sand	6.2
35 -	.500	Coarse Sand	32.8
60 -	.250	Medium Sand	36.2
100 -	.150	Fine Sand	12.1
140 -	.106	Very Fine Sand	3.9
270 -	.053	Very Fine Sand	1.4



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Lab Number	0003
Sample Description	GREEN
	4
	BELOW 2"
Sample Condition	<u>XX</u> Normal ___ Other (see comments)

Method References

ASTM F1632
ASTM F1647 - Method A

D Values

** D10: 0.17
** D60: 0.54
** Coefficient of Uniformity: 3.25

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Lab Number	0003
Sample Description	GREEN
	4
	BELOW 2"

Particle Size Analysis

Clay	<.002mm	%	2.20
Silt	.002mm - .05mm	%	3.40
Sand	.05mm - 2.00mm	%	94.2
Gravel	> 2.0mm	%	0.2

Org Mat 360 deg C (LOI)	0.64
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Sand Fractions

Sieve Size			<u>% Retained</u>
#	mm		
10 -	2.0	Fine Gravel	0.2
18 -	1.0	Very Coarse Sand	7.2
35 -	.500	Coarse Sand	35.8
60 -	.250	Medium Sand	37.2
100 -	.150	Fine Sand	11.7
140 -	.106	Very Fine Sand	2.0
270 -	.053	Very Fine Sand	0.4
