



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

**** PHYSICAL ANALYSIS REPORT ****

Canyon Gate Country Club
2001 Canyon Gate Drive
Las Vegas, NV 89117

File Number: 46715

Date Received/Started : 3/25/2025
Date Completed/Reported: 3/31/2025
Date Issued: 3/31/2025

Submitted By: Soil and Water Consulting

Lab Number
Sample Description

0074
GREEN 5
0-2 1/2"

Sample Condition

XX Normal ___ Other (see comments)

Method References

ASTM F1632
ASTM F1647 - Method A

D Values

** D10: 0.18
** D60: 0.61
** Coefficient of Uniformity: 3.34

** NON A2LA ACCREDITED
* *This report may only be reproduced in its entirety.*
* *These results represent the sample submitted only.*

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File Number : 46715
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Start Date : 3/25/2025
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Lab Number 0074
Sample Description GREEN 5
0-21/2"

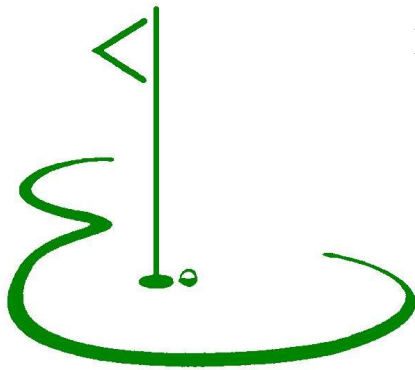
Particle Size Analysis

Clay	<.002mm	%	2.70
Silt	.002mm - .05mm	%	0.50
Sand	.05mm - 2.00mm	%	92.7
Gravel	> 2.0mm	%	4.1

Org Mat 360 deg C (LOI)	1.98
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Sand Fractions

Sieve Size			% Retained
#	mm		
10 -	2.0	Fine Gravel	4.1
18 -	1.0	Very Coarse Sand	6.3
35 -	.500	Coarse Sand	38.5
60 -	.250	Medium Sand	35.1
100 -	.150	Fine Sand	9.2
140 -	.106	Very Fine Sand	2.3
270 -	.053	Very Fine Sand	1.4



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Lab Number	0075
Sample Description	GREEN 5 BELOW 2
Sample Condition	<u>XX</u> Normal ___ Other (see comments)

Method References

ASTM F1632
ASTM F1647 - Method A

D Values

** D10: 0.18
** D60: 0.60
** Coefficient of Uniformity: 3.39

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Lab Number 0075
Sample Description GREEN 5
BELOW 2

Particle Size Analysis

Clay	<.002mm	%	2.20
Silt	.002mm - .05mm	%	1.00
Sand	.05mm - 2.00mm	%	96.7
Gravel	> 2.0mm	%	0.1

Org Mat 360 deg C (LOI) 0.23

Sand Fractions

Sieve Size		% Retained
#	mm	
10 - 2.0	Fine Gravel	0.1
18 - 1.0	Very Coarse Sand	7.4
35 - .500	Coarse Sand	40.1
60 - .250	Medium Sand	34.9
100 - .150	Fine Sand	10.0
140 - .106	Very Fine Sand	2.6
270 - .053	Very Fine Sand	1.6