



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

**** PHYSICAL ANALYSIS REPORT ****

Gainey Ranch Golf Club
7600 East Gainey Club Drive
Scottsdale, AZ 85258

File Number: 93641

Date Received/Started : 3/11/2025
Date Completed/Reported: 3/19/2025
Date Issued: 3/19/2025

Submitted By: Soil and Water Consulting

Lab Number	0039
Sample Description	LAKES GREEN 1 0-1"
Sample Condition	<u>XX</u> Normal ___ Other (see comments)

Method References

ASTM F1632
ASTM F1647 - Method A

D Values

** D10: 0.20
** D60: 0.50
** Coefficient of Uniformity: 2.47

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

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Start Date : 3/11/2025
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Lab Number 0039
Sample Description LAKES GREEN 1
0-1"

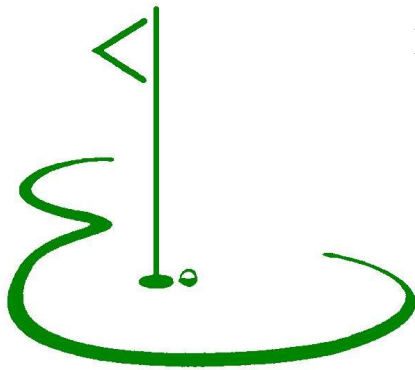
Particle Size Analysis

Clay	<.002mm	%	0.20
Silt	.002mm - .05mm	%	1.80
Sand	.05mm - 2.00mm	%	89.3
Gravel	> 2.0mm	%	8.7

Org Mat 360 deg C (LOI) 13.46

Sand Fractions

Sieve Size		% Retained
#	mm	
10 - 2.0	Fine Gravel	8.7
18 - 1.0	Very Coarse Sand	6.1
35 - .500	Coarse Sand	24.7
60 - .250	Medium Sand	45.1
100 - .150	Fine Sand	11.1
140 - .106	Very Fine Sand	1.7
270 - .053	Very Fine Sand	0.6



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Lab Number	0040
Sample Description	LAKES GREEN 1 BELOW 1"
Sample Condition	<u>XX</u> Normal ___ Other (see comments)

Method References

ASTM F1632
ASTM F1647 - Method A

D Values

** D10: 0.16
** D60: 0.56
** Coefficient of Uniformity: 3.43

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Submitted By: Soil and Water Consulting

Lab Number 0040
Sample Description LAKES GREEN 1
BELOW 1"

Particle Size Analysis

Clay	<.002mm	%	1.20
Silt	.002mm - .05mm	%	3.10
Sand	.05mm - 2.00mm	%	94.8
Gravel	> 2.0mm	%	0.9

Org Mat 360 deg C (LOI)	0.66
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Sand Fractions

Sieve Size		% Retained
#	mm	
10 - 2.0	Fine Gravel	0.9
18 - 1.0	Very Coarse Sand	10.2
35 - .500	Coarse Sand	32.5
60 - .250	Medium Sand	36.8
100 - .150	Fine Sand	10.9
140 - .106	Very Fine Sand	2.9
270 - .053	Very Fine Sand	1.5
