



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: 3/17/2025
Date Issued: 3/17/2025

Submitted By: Soil and Water Consulting

Lab Number	0421
Sample Description	EWING USGA SAND
Sample Condition	<u>XX</u> Normal ___ Other (see comments)

Method References

ASTM F1632
ASTM F1647 - Method A

D Values

** D10: 0.18
** D60: 0.39
** Coefficient of Uniformity: 2.21

*Reported values are an average of duplicated analysis

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



Geotechnical
(Putting Green Materials)
Certificate Number: 736.01

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	USGA
	SAND

Particle Size Analysis

Clay	<.002mm	%	0.5
Silt	.002mm - .05mm	%	0.6
Sand	.05mm - 2.00mm	%	98.8
Gravel	> 2.0mm	%	0.1

Org Mat 360 deg C (LOI)	0.14
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Sand Fractions

Sieve Size		% Retained	
#	mm		
10 -	2.0	Fine Gravel	0.1
18 -	1.0	Very Coarse Sand	2.4
35 -	.500	Coarse Sand	9.5
60 -	.250	Medium Sand	61.8
100 -	.150	Fine Sand	21.7
140 -	.106	Very Fine Sand	3.1
270 -	.053	Very Fine Sand	0.3