



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

**** PHYSICAL ANALYSIS REPORT ****

The Heights Golf Club
16066 Bernardo Heights Pkwy
San Diego, CA 92128

File Number: 93984

Date Received/Started : 4/10/2025
Date Completed/Reported: 4/17/2025
Date Issued: 4/17/2025

Submitted By: Soil and Water Consulting

Lab Number	0004
Sample Description	GREEN
	10
	0- 4"
Sample Condition	<u>XX</u> Normal ___ Other (see comments)

Method References

ASTM F1632
ASTM F1647 - Method A

D Values

** D10: 0.26
** D60: 0.59
** Coefficient of Uniformity: 2.29

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

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Lab Number	0004
Sample Description	GREEN
	10
	0- 4"

Particle Size Analysis

Clay	<.002mm	%	2.20
Silt	.002mm - .05mm	%	1.90
Sand	.05mm - 2.00mm	%	93.3
Gravel	> 2.0mm	%	2.6

Org Mat 360 deg C (LOI)	1.50
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Sand Fractions

Sieve Size			% Retained
#	mm		
10 -	2.0	Fine Gravel	2.6
18 -	1.0	Very Coarse Sand	2.0
35 -	.500	Coarse Sand	43.3
60 -	.250	Medium Sand	43.5
100 -	.150	Fine Sand	3.1
140 -	.106	Very Fine Sand	0.7
270 -	.053	Very Fine Sand	0.6



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Lab Number	0005
Sample Description	GREEN
	10
	BELOW 4"
Sample Condition	<u>XX</u> Normal ___ Other (see comments)

Method References

ASTM F1632
ASTM F1647 - Method A

D Values

** D10: 0.15
** D60: 0.50
** Coefficient of Uniformity: 3.40

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Lab Number	0005
Sample Description	GREEN
	10
	BELOW 4"

Particle Size Analysis

Clay	<.002mm	%	2.20
Silt	.002mm - .05mm	%	2.90
Sand	.05mm - 2.00mm	%	92.5
Gravel	> 2.0mm	%	2.4

Org Mat 360 deg C (LOI)	0.99
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Sand Fractions

Sieve Size			% Retained
#	mm		
10 -	2.0	Fine Gravel	2.4
18 -	1.0	Very Coarse Sand	9.6
35 -	.500	Coarse Sand	27.2
60 -	.250	Medium Sand	41.5
100 -	.150	Fine Sand	9.0
140 -	.106	Very Fine Sand	2.9
270 -	.053	Very Fine Sand	2.3
