



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

**** PHYSICAL ANALYSIS REPORT ****

La Valle Coastal Club
5690 Cancha de Golf
Rancho Santa Fe, CA 92091

File Number: 93033

Date Received/Started : 4/11/2025
Date Completed/Reported: 4/24/2025
Date Issued: 4/24/2025

Submitted By: Soil and Water Consulting

Lab Number	0006
Sample Description	NORTH COURSE GREEN 4 0-61/2"
Sample Condition	<u>XX</u> Normal ___ Other (see comments)

Method References

ASTM F1632
ASTM F1647 - Method A

D Values

** D10: 0.19
** D60: 0.47
** Coefficient of Uniformity: 2.44

** NON A2LA ACCREDITED
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** Date of Analysis **
Start Date : 4/11/2025
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Submitted By: Soil and Water Consulting

Lab Number 0006
Sample Description NORTH COURSE
GREEN 4
0-6 1/2"

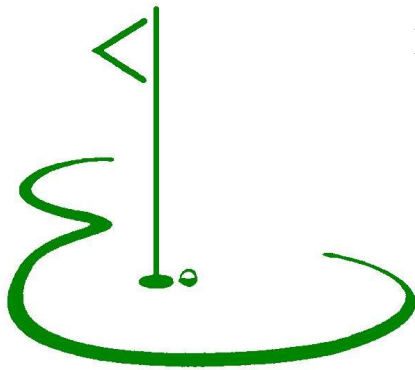
Particle Size Analysis

Clay	<.002mm	%	0.20
Silt	.002mm - .05mm	%	2.90
Sand	.05mm - 2.00mm	%	96.3
Gravel	> 2.0mm	%	0.6

Org Mat 360 deg C (LOI) 1.64

Sand Fractions

Sieve Size		% Retained
#	mm	
10 - 2.0	Fine Gravel	0.6
18 - 1.0	Very Coarse Sand	4.5
35 - .500	Coarse Sand	29.7
60 - .250	Medium Sand	51.9
100 - .150	Fine Sand	6.0
140 - .106	Very Fine Sand	2.0
270 - .053	Very Fine Sand	2.2



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Lab Number	0007
Sample Description	NORTH COURSE GREEN 4 61/2" be
Sample Condition	<u>XX</u> Normal ___ Other (see comments)

Method References

ASTM F1632
ASTM F1647 - Method A

D Values

** D10: 0.05
** D60: 0.39
** Coefficient of Uniformity: 7.77

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Lab Number 0007
Sample Description NORTH COURSE
GREEN 4
61/2" be

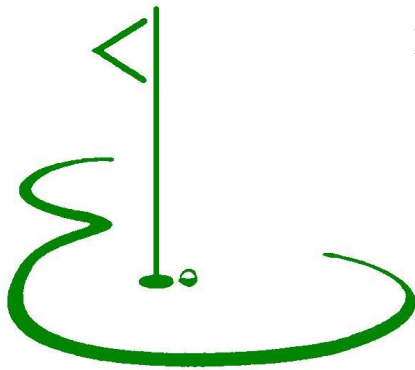
Particle Size Analysis

Clay	<.002mm	%	2.40
Silt	.002mm - .05mm	%	7.70
Sand	.05mm - 2.00mm	%	89.2
Gravel	> 2.0mm	%	0.7

Org Mat 360 deg C (LOI) 0.93

Sand Fractions

Sieve Size			% Retained
#	mm		
10 -	2.0	Fine Gravel	0.7
18 -	1.0	Very Coarse Sand	4.3
35 -	.500	Coarse Sand	21.8
60 -	.250	Medium Sand	29.8
100 -	.150	Fine Sand	15.4
140 -	.106	Very Fine Sand	10.4
270 -	.053	Very Fine Sand	7.6



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Lab Number	0008
Sample Description	NORTH COURSE GREEN 2 0--6 1/2"
Sample Condition	<u>XX</u> Normal ___ Other (see comments)

Method References

ASTM F1632
ASTM F1647 - Method A

D Values

** D10: 0.22
** D60: 0.47
** Coefficient of Uniformity: 2.16

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Lab Number 0008
Sample Description NORTH COURSE
GREEN 2
0--6 1/2"

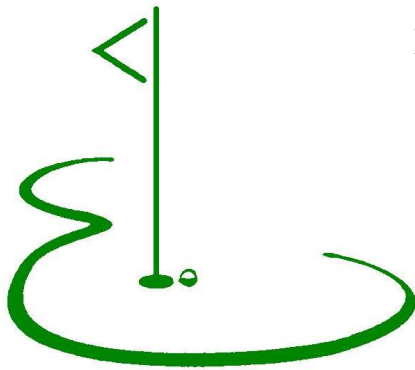
Particle Size Analysis

Clay	<.002mm	%	0.20
Silt	.002mm - .05mm	%	2.20
Sand	.05mm - 2.00mm	%	96.9
Gravel	> 2.0mm	%	0.7

Org Mat 360 deg C (LOI) 1.14

Sand Fractions

Sieve Size		% Retained	
#	mm		
10 -	2.0	Fine Gravel	0.7
18 -	1.0	Very Coarse Sand	3.9
35 -	.500	Coarse Sand	28.7
60 -	.250	Medium Sand	54.7
100 -	.150	Fine Sand	6.1
140 -	.106	Very Fine Sand	2.3
270 -	.053	Very Fine Sand	1.2



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Lab Number	0009
Sample Description	NORTH COURSE GREEN 2 6 1/2 be
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: 3.27

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Submitted By: Soil and Water Consulting

Lab Number 0009
Sample Description NORTH COURSE
GREEN 2
6 1/2 be

Particle Size Analysis

Clay	<.002mm	%	0.20
Silt	.002mm - .05mm	%	2.50
Sand	.05mm - 2.00mm	%	96.6
Gravel	> 2.0mm	%	0.7

Org Mat 360 deg C (LOI) 0.22

Sand Fractions

Sieve Size			% Retained
#	mm		
10 -	2.0	Fine Gravel	0.7
18 -	1.0	Very Coarse Sand	10.8
35 -	.500	Coarse Sand	35.7
60 -	.250	Medium Sand	36.7
100 -	.150	Fine Sand	9.2
140 -	.106	Very Fine Sand	2.0
270 -	.053	Very Fine Sand	2.2