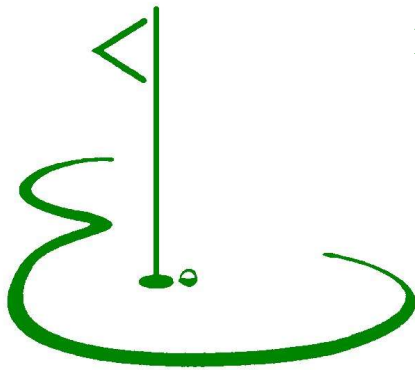




BROOKSIDE LABORATORIES, INC.
GEOTECHNICAL DIVISION
200 WHITE MOUNTAIN DRIVE
NEW BREMEN, OH 45869

**** PHYSICAL ANALYSIS REPORT ****

The Summit
Las Vegas, NV

File Number: 73668

Date Received/Started : 1/4/2024

Date Completed/Reported: 1/9/2024

Date Issued: 1/9/2024

Submitted By: Soil and Water Consulting

Lab Number	0008
Sample Description	GREEN
	9
	0-2"
Sample Condition	<u>XX</u> Normal ___ Other (see comments)

Method References

ASTM F1632
ASTM F1647 - Method A

D Values

** D10: 0.17
** D60: 0.64
** Coefficient of Uniformity: 3.73

** NON A2LA ACCREDITED

* *This report may only be reproduced in its entirety.*

* *These results represent the sample submitted only.*

**** PHYSICAL ANALYSIS REPORT ****

The Summit
Las Vegas, NV

File Number : 73668
** Date of Analysis **
Start Date : 1/4/2024
Completed : 1/9/2024

Submitted By: Soil and Water Consulting

Lab Number 0008
Sample Description GREEN
9
0-2"

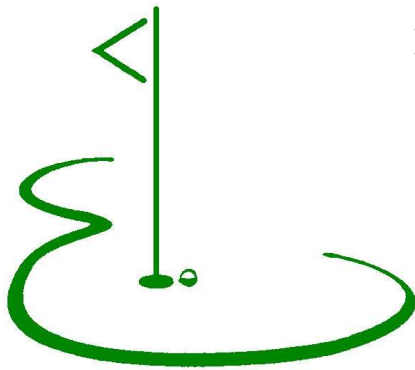
Particle Size Analysis

Clay	<.002mm	%	2.20
Silt	.002mm - .05mm	%	3.50
Sand	.05mm - 2.00mm	%	89.1
Gravel	> 2.0mm	%	5.2

Org Mat 360 deg C (LOI) 2.45

Sand Fractions

Sieve Size			% Retained
#	mm		
10 -	2.0	Fine Gravel	5.2
18 -	1.0	Very Coarse Sand	6.7
35 -	.500	Coarse Sand	39.0
60 -	.250	Medium Sand	33.0
100 -	.150	Fine Sand	7.7
140 -	.106	Very Fine Sand	1.6
270 -	.053	Very Fine Sand	1.0



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

**** PHYSICAL ANALYSIS REPORT ****

The Summit
Las Vegas, NV

File Number: 73668

Date Received/Started : 1/4/2024

Date Completed/Reported: 1/9/2024

Date Issued: 1/9/2024

Submitted By: Soil and Water Consulting

Lab Number	0009
Sample Description	GREEN
	9
	BELOW2"
Sample Condition	<u>XX</u> Normal ___ Other (see comments)

Method References

ASTM F1632
ASTM F1647 - Method A

D Values

** D10: 0.20
** D60: 0.63
** Coefficient of Uniformity: 3.16

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

**** PHYSICAL ANALYSIS REPORT ****

The Summit
Las Vegas, NV

File Number : 73668
** Date of Analysis **
Start Date : 1/4/2024
Completed : 1/9/2024

Submitted By: Soil and Water Consulting

Lab Number 0009
Sample Description GREEN
9
BELOW2"

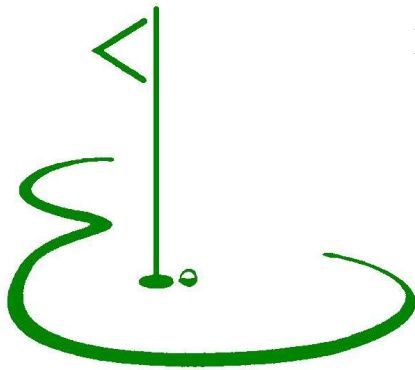
Particle Size Analysis

Clay	<.002mm	%	1.20
Silt	.002mm - .05mm	%	2.20
Sand	.05mm - 2.00mm	%	96.2
Gravel	> 2.0mm	%	0.4

Org Mat 360 deg C (LOI) 0.44

Sand Fractions

Sieve Size		% Retained
#	mm	
10 -	2.0	Fine Gravel 0.4
18 -	1.0	Very Coarse Sand 7.9
35 -	.500	Coarse Sand 42.3
60 -	.250	Medium Sand 35.2
100 -	.150	Fine Sand 8.1
140 -	.106	Very Fine Sand 1.7
270 -	.053	Very Fine Sand 1.0



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

**** PHYSICAL ANALYSIS REPORT ****

The Summit
Las Vegas, NV

File Number: 73668

Date Received/Started : 1/4/2024
Date Completed/Reported: 1/9/2024
Date Issued: 1/9/2024

Submitted By: Soil and Water Consulting

Lab Number	0010
Sample Description	GREEN
	18
	0-2"
Sample Condition	<u>XX</u> Normal ___ Other (see comments)

Method References

ASTM F1632
ASTM F1647 - Method A

D Values

** D10: 0.18
** D60: 0.63
** Coefficient of Uniformity: 3.47

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

**** PHYSICAL ANALYSIS REPORT ****

The Summit
Las Vegas, NV

File Number : 73668
** Date of Analysis **
Start Date : 1/4/2024
Completed : 1/9/2024

Submitted By: Soil and Water Consulting

Lab Number	0010
Sample Description	GREEN
	18
	0-2"

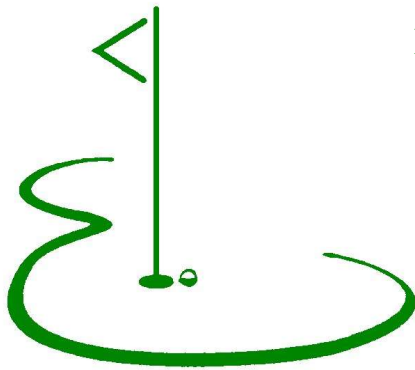
Particle Size Analysis

Clay	<.002mm	%	2.20
Silt	.002mm - .05mm	%	3.20
Sand	.05mm - 2.00mm	%	92.9
Gravel	> 2.0mm	%	1.7

Org Mat 360 deg C (LOI)	2.65
-------------------------	------

Sand Fractions

Sieve Size			% Retained
#	mm		
10 -	2.0	Fine Gravel	1.7
18 -	1.0	Very Coarse Sand	6.6
35 -	.500	Coarse Sand	43.1
60 -	.250	Medium Sand	33.8
100 -	.150	Fine Sand	7.1
140 -	.106	Very Fine Sand	1.4
270 -	.053	Very Fine Sand	0.9



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

**** PHYSICAL ANALYSIS REPORT ****

The Summit
Las Vegas, NV

File Number: 73668

Date Received/Started : 1/4/2024

Date Completed/Reported: 1/9/2024

Date Issued: 1/9/2024

Submitted By: Soil and Water Consulting

Lab Number	0011
Sample Description	GREEN
	18
	BELOW2"
Sample Condition	<u>XX</u> Normal ___ Other (see comments)

Method References

ASTM F1632
ASTM F1647 - Method A

D Values

** D10: 0.20
** D60: 0.63
** Coefficient of Uniformity: 3.23

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

**** PHYSICAL ANALYSIS REPORT ****

The Summit
Las Vegas, NV

File Number : 73668
** Date of Analysis **
Start Date : 1/4/2024
Completed : 1/9/2024

Submitted By: Soil and Water Consulting

Lab Number 0011
Sample Description GREEN
18
BELOW2"

Particle Size Analysis

Clay	<.002mm	%	1.20
Silt	.002mm - .05mm	%	2.40
Sand	.05mm - 2.00mm	%	96.0
Gravel	> 2.0mm	%	0.4

Org Mat 360 deg C (LOI) 0.55

Sand Fractions

Sieve Size		% Retained
#	mm	
10 - 2.0	Fine Gravel	0.4
18 - 1.0	Very Coarse Sand	8.4
35 - .500	Coarse Sand	42.3
60 - .250	Medium Sand	34.4
100 - .150	Fine Sand	8.2
140 - .106	Very Fine Sand	1.7
270 - .053	Very Fine Sand	1.0