



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

**** PHYSICAL ANALYSIS REPORT ****

Las Vegas Country Club
Joe W. Brown Street
Las Vegas, NV 89109

File Number: 51324

Date Received/Started : 12/27/2016
Date Completed/Reported: 12/29/2016

Submitted By: Soil and Water Consulting

Lab Number	0005
Sample Description	GREEN
	13
	0-1 3/4"
Sample Condition	<u>XX</u> Normal ___ Other (see comments)

Method References

ASTM F1632	0.12
ASTM F1647 - Method A	0.53

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Lab Number 0005
Sample Description GREEN
13
0-1 3/4"

Particle Size Analysis

Clay	<.002mm	%	5.20
Silt	.002mm - .05mm	%	1.40
Sand	.05mm - 2.00mm	%	93.1
Gravel	> 2.0mm	%	0.3

Org Mat 360 deg C (LOI) 6.81

Sand Fractions

Sieve Size			<u>% Retained</u>
#	mm		
10 -	2.0	Fine Gravel	0.3
18 -	1.0	Very Coarse Sand	7.1
35 -	.500	Coarse Sand	34.6
60 -	.250	Medium Sand	33.6
100 -	.150	Fine Sand	12.0
140 -	.106	Very Fine Sand	4.0
270 -	.053	Very Fine Sand	1.8



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Lab Number	0006
Sample Description	GREEN
	13 BELOW
	1 3/4"
Sample Condition	<u>XX</u> Normal ___ Other (see comments)

Method References

ASTM F1632	0.18
ASTM F1647 - Method A	0.53

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Lab Number 0006
Sample Description GREEN
13 BELOW
1 3/4"

Particle Size Analysis

Clay	<.002mm	%	3.20
Silt	.002mm - .05mm	%	0.50
Sand	.05mm - 2.00mm	%	96.1
Gravel	> 2.0mm	%	0.2

Org Mat 360 deg C (LOI) 0.63

Sand Fractions

Sieve Size			% Retained
#	mm		
10 -	2.0	Fine Gravel	0.2
18 -	1.0	Very Coarse Sand	6.9
35 -	.500	Coarse Sand	35.1
60 -	.250	Medium Sand	37.6
100 -	.150	Fine Sand	14.1
140 -	.106	Very Fine Sand	1.9
270 -	.053	Very Fine Sand	0.5