



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 : 4/8/2016
Date Completed/Reported: 4/11/2016

Submitted By: Soil and Water Consulting

Lab Number	0532
Sample Description	GREENSMIX
	90/10
	1ST 500
Sample Condition	<u>XX</u> Normal ___ Other (see comments)

Method References

ASTM F1632	0.19
ASTM F1647 - Method A	0.56
ASTM F1815	

*Reported values are an average of duplicated analysis

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



Geotechnical
(Putting Green Materials)
Certificate Number: 736.01

GREENMIX QUALITY CONTROL

The Summit
Las Vegas, NV

File Number : 73668
 ** Date of Analysis **
 Start Date : 4/8/2016
 Completed : 4/11/2016

Submitted By: Soil and Water Consulting Reviewed by:

Jackie Brackman

Lab Number 0532
 Sample Description GREENSMIX
 90/10
 1ST 500

Particle Size Analysis**USGA Specs**

Clay & Silt <.05mm	%	2.80	<= 8.0%
Sand .05mm - 2.00mm	%	97.2	94 - 100%
Gravel > 2.0mm	%	0.0	

Org Mat 360 deg C (LOI) 0.67

Sand Fractions

Sieve Size		% Retained	
#	mm		
10 - 2.0	Fine Gravel	0.0	2.0mm <= 3.0%
18 - 1.0	Very Coarse Sand	6.5	2.0mm + 1.0mm <= 10%
35 - .500	Coarse Sand	37.8	
60 - .250	Medium Sand	39.1	0.5mm + 0.25mm >= 60%
100 - .150	Fine Sand	10.8	0.15mm <= 20%
140 - .106	Very Fine Sand	2.2	0.106mm + 0.053mm <= 5.0%
270 - .053	Very Fine Sand	0.8	

Soil Moisture Measurements

Saturated Conductivity in/hr 12.6