



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

**** PHYSICAL ANALYSIS REPORT ****

Tucson Country Club
2950 N. Camino Principal
Tucson, AZ 85715

File Number: 34998

Date Received/Started : 6/13/2022
Date Completed/Reported: 6/15/2022
Date Issued: 6/15/2022

Submitted By: Soil and Water Consulting

Lab Number	1236
Sample Description	WCS&G PHX STRAIGHT SAND (VENTANA)
Sample Condition	<u>XX</u> Normal ___ Other (see comments)

Method References

ASTM F1632
ASTM F1647 - Method A
ASTM F1815

D Values

** D10: 0.20
** D60: 0.54
** Coefficient of Uniformity: 2.70

*Reported values are an average of duplicated analysis

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



Geotechnical
(Putting Green Materials)
Certificate Number: 736.01

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Sample Description WCS&G PHX
STRAIGHT SAND
(VENTANA)

Particle Size Analysis

Clay	<.002mm	%	0.4
Silt	.002mm - .05mm	%	1.3
Sand	.05mm - 2.00mm	%	98.3
Gravel	> 2.0mm	%	0.0

Org Mat 360 deg C (LOI)	0.23
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Sand Fractions

Sieve Size		% Retained
#	mm	
10 - 2.0	Fine Gravel	0.0
18 - 1.0	Very Coarse Sand	6.2
35 - .500	Coarse Sand	36.8
60 - .250	Medium Sand	41.9
100 - .150	Fine Sand	10.3
140 - .106	Very Fine Sand	2.4
270 - .053	Very Fine Sand	0.7

Soil Moisture Measurements

Saturated Conductivity in/hr	53.1
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