



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

**** PHYSICAL ANALYSIS REPORT ****

Running Deer Golf Club
Elmer, NJ 08318

File Number: 53874

Date Received/Started : 6/5/2017
Date Completed/Reported: 6/9/2017

Submitted By: Soil and Water Consulting

Lab Number	0960
Sample Description	TUCKAHOE SAND 80/20 TEE MIX
Sample Condition	<u>XX</u> Normal ___ Other (see comments)

Method References

ASTM D5550
ASTM F1632
ASTM F1647 - Method A
ASTM F1815

D Values

** D10: 0.17
** D60: 0.53
** Coefficient of Uniformity: 3.18

*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

CAPPING CHARACTERISTICS

Running Deer Golf Club
Elmer, NJ 08318

File Number : 53874
** Date of Analysis **
Start Date : 6/5/2017
Completed : 6/9/2017

Submitted By: Soil and Water Consulting Reviewed by:

Jackie Brackman

Lab Number 0960
Sample Description TUCKAHOE SAND
80/20
TEE MIX

Particle Size Analysis

Clay	<.002mm	%	1.4
Silt	.002mm - .05mm	%	2.7
Sand	.05mm - 2.00mm	%	95.2
Gravel	> 2.0mm	%	0.7

Org Mat 360 deg C (LOI) 0.47

Sand Fractions

Sieve Size		% Retained
#	mm	
10 -	2.0	Fine Gravel 0.7
18 -	1.0	Very Coarse Sand 8.8
35 -	.500	Coarse Sand 32.3
60 -	.250	Medium Sand 36.5
100 -	.150	Fine Sand 13.9
140 -	.106	Very Fine Sand 2.8
270 -	.053	Very Fine Sand 0.9

Soil Moisture Measurements

Saturated Conductivity in/hr 14.7

Soil Density

Bulk Density	g/cc	1.69
Particle Density	g/cc	2.65

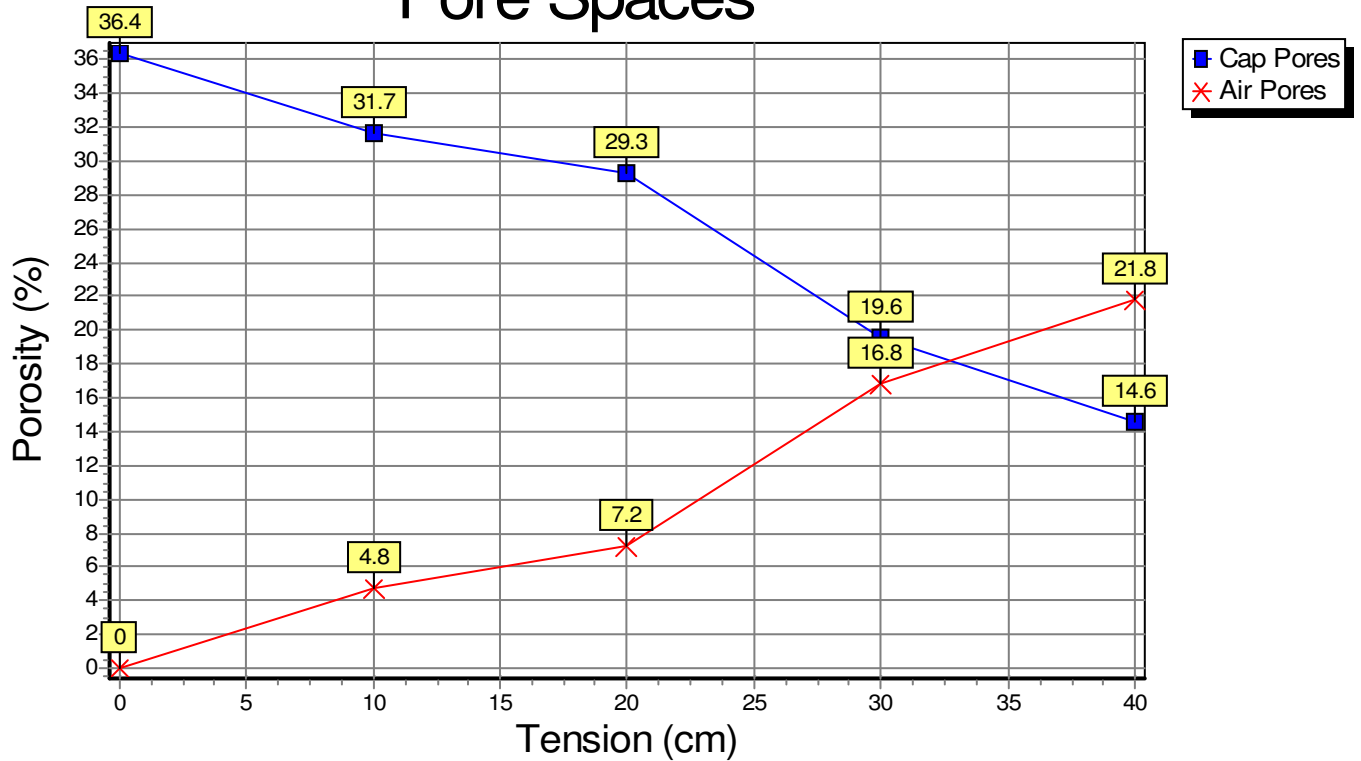
MOISTURE RETENTION %**PORE SPACE %**

		TOTAL	CAPILLARY	AIR FILLED
SATURATION	19.1	36.4	36.4	0.0
10 CM	18.8	36.4	31.7	4.8
20 CM	17.4	36.4	29.3	7.2
30 CM	11.6	36.4	19.6	16.8
40 CM	8.7	36.4	14.6	21.8

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Pore Spaces



Moisture Retention

