

Thomas Turf Services, Inc.
Soil Analysis & Turf Management
 11183 State Hwy. 30
 College Station, TX 77845
 Phone: 979-774-1600
 Fax: 979-774-1604



Testing Certificate Number: 0743.01
Geotechnical Putting Green Materials

Faleria Comercial, S.R.L. Joan Barcelo Gonzalez Calle Duarte #12 Hato Mayor Del Rey, Dominican Republic Phone: 809-796-6579 Fax: 809-553-2953 E-mail: barcelojoan1976@gmail.com	Facility: Mina San Rafael Account No.: 98207 Lab ID: G9938 Date Rec'd: 11-Aug-16 Test Dates: 11-17-Aug-16 Report Date: 18-Aug-16
--	---

Particle Size Analysis Report - ASTM F1632 - Method A

	Texture			Chemical Analysis			
	Sand	Silt	Clay	pH [†]	EC ^{††} umhos/cm	Extraction Method	Acid Reaction ^{†††} 1 N HCl
U.S. Sieve No.	270 to 10	< 270		†USEPA Method 9045C - 1:1 Ratio (20 g Soil:20 ml Distilled Water)			
Particle Diameter (mm)	.05 - 2.0	.002 to .05	<.002	††"Methods of Soil Analysis" American Society of Agronomy (Rhodes, J.D. 1982)			
USGA Recommendations (%)		≤5	≤3	†††Thomas Turf Services Method (1992)			
Sample ID							
SR-1601 Golf Sand	93.9	4.4	1.1	5.4	27.6	1 To 1	None
Duplicate	93.5	5.0	1.2				

Particle Size Distribution

	Gravel	Very Coarse	Coarse	Medium	Fine	Very Fine	Primary Particle Shape Sphericity/Angularity
	10	18	35	60	100	< 100	
U.S. Sieve No.	>2.0	1.0-2.0	0.50-1.0	0.25-0.50	0.15-0.25	< .15	
Particle Diameter (mm)	≤3	7-10 Max*	≥60		≤20	≤5**	
USGA Recommendations (%)							
Sample ID	Percent Retained on Sieve						
SR-1601 Golf Sand	0.6	14.3	28.8	31.4	14.0	5.4	Low To Medium / Sub-ang. To Angular
Duplicate	0.3	12.3	28.9	31.4	14.4	6.5	

Reviewed By: _____
 James C. Thomas, C.P. Ag.
 Pres., Thomas Turf Services, Inc.

*The total of the very coarse sand and gravel fractions may not exceed 10%.
 **The total of the very fine sand, silt and clay fractions may not exceed 10%.