



Turf & Soil Diagnostics

Texas Sports Sands
 Paul Hagy
 1919 S Shiloh Ste 312-LB2
 Garland, TX 75042



Date received Dec-10-2015
 Date Reported Dec-14-2015
 Facility Product Development

Particle Size Evaluation*

Lab ID#	Sample Name	% Sand 2.0 - 0.05 mm	% Silt 0.05-0.002mm	% Clay < 0.002mm	Gravel 4.0 (5)	Gravel 2.0 (10)	% Retained mm (US sieve)				
							V. Coarse 1.0 (18)	Coarse 0.5 (35)	Medium 0.25 (60)	Fine 0.15 (100)	V. Fine 0.05 (270)
15120020-1	Bells Savoy Golf Sand	99.0	< 1.0	< 1.0	0.0	0.0	0.8	18.9	64.8	13.0	1.4
USGA Recommendations for Greens		≥ 92%	≤ 5% Silt	≤ 3% Clay	≤ 3% Gravel ≤ 10% Combined		≥ 60% Combined		≤ 20%	≤ 5%***	
Greens Topdress Guidelines [‡]			≤ 3%		0%		≤ 5%	≥ 60% Combined		≤ 20%	≤ 5%

[‡] Guidelines Developed by Hummel & Co.

Lab ID#	Sample Name	Uniformity Coefficient Cu	D15 mm	D50 mm	D85 mm	Shape Angularity	Shape Sphericity	USDA Textural Classification	Acid Reaction	pH [‡] 1:1	% Organic Matter Dry Wt.**
15120020-1	Bells Savoy Golf Sand	2.0	0.25	0.36	0.59	Sub-Angular to Rounded	Medium	Sand	Moderate		

*ASTM F1632 Method A & Determination of Size Factors SOP

[‡]ASTM D4972 w/ CaCl₂

**ASTM F1647 Method A

***Maximum of 10% combined on Very Fine Sand, Silt, and Clay fractions.

Samples were tested as received and comments pertain only to the samples shown.

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Sample condition upon receipt was normal.

Samples were received without a transmittal letter.

Reviewed by _____