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## TECHNICAL & SOIL SERVICES

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The mission of Hutcheson Technical & Soil Services is to provide top quality testing and diagnostic reports for the golf course and sports turf market. Our vision is to be recognized as a major contributor to the turf grass industry in technical and soil services.

HTSS management and staff are committed to quality assurance in every aspect of our operation. We are very excited to offer this service to turf grass professionals including golf course superintendents, architects, design consultants, and sports field managers. We also offer on-site consultation services.

Technical information and a sample submission form may also be downloaded from our website: [www.hutchesontech.com](http://www.hutchesontech.com).

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## SOIL PHYSICAL ANALYSIS PRICING

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### TEST METHODS USED:

<sup>1</sup>ASTM F1632

<sup>2</sup>ASTM D2974

<sup>3</sup>ASTM F1647

<sup>4</sup>ASTM F1815

<sup>5</sup>ASTM D4972



#### Particle Size Analysis <sup>1</sup> - \$105

- Includes Sand, Silt and Clay, Sand Size Distribution, Sand Particle Shape, Uniformity Coefficient. (1L sample)

#### Soil Texture Only <sup>1</sup> - \$85

- Sand-Silt-Clay content. (1L sample)

#### Sand Sieve Analysis Only <sup>1</sup> - \$65

- Particle Size Distribution of Sand. Used for quality control. Silt and Clay content is combined. (1L sample)

#### Sand Shape Gradation <sup>1</sup> - \$20

- (250g sample)

#### Organic Matter Quality <sup>2</sup> - \$75

- Ash, Organic Matter Content, Water Content, pH. (4L sample)

#### Organic Matter Content by Combustion <sup>3</sup> - \$35

- Organic Matter Content by weight in rootzone Material. (1L sample)

#### Infiltration Analysis <sup>4</sup> - \$77

- Saturated Hydraulic Conductivity Rate. (2L sample)

#### Bunker Sand Analysis <sup>1,4</sup> - \$185

- Texture, Sand Size Distribution, Sand Particle Shape, Fried Egg Lie, Crusting, Acid Reaction, Infiltration Rate. (4L sample)

#### Complete Mix Analysis <sup>1,3,4,5</sup> - \$385

- Complete analysis of rootzone mix
- Particle Size Analysis, Organic Matter Quality, Infiltration Analysis, pH, Bulk Density, Total, Aeration and Capillary Porosity. (4L sample)

#### Complete Mix Design <sup>1,3,4,5</sup> - \$420

- Complete Analysis of Rootzone Mix (lab-mixed). (4L sample of each material submitted ie: 4L Sand, 4L Peat, 4L Soil)

#### Gravel Particle Analysis - \$77

- Includes Particle Size Analysis and Bridging Factor with submitted Rootzone Material. (4L sample)

#### Topsoil Quality Analysis <sup>1,3</sup> - \$110

- Includes Soil Texture, Organic Content, Acid Reaction. (1L sample)

#### Baseball Diamond Mix Test <sup>1</sup> - \$165

- Includes Soil Texture, Infiltration Rate. (1L sample)