

FLAHA PA

FLAHASOIL

SOIL ANALYSIS REPORT

Professional Water Characteristics Analysis

GENERATED FOR:

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REPORT INFORMATION:

Date: 02/06/2025

Report ID: FLH-Analysis518-02062025

Plan: PROFESSIONAL

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APPENDICES

1. SOIL PROPERTIES

COMPOSITION ANALYSIS

<div><div>Sand Content</div><div>20%</div></div>	<div><div>Clay Content</div><div>55%</div></div>
<div><div>Silt Content</div><div>25%</div></div>	<div><div>Organic Matter</div><div>4.2%</div></div>

PHYSICAL CHARACTERISTICS

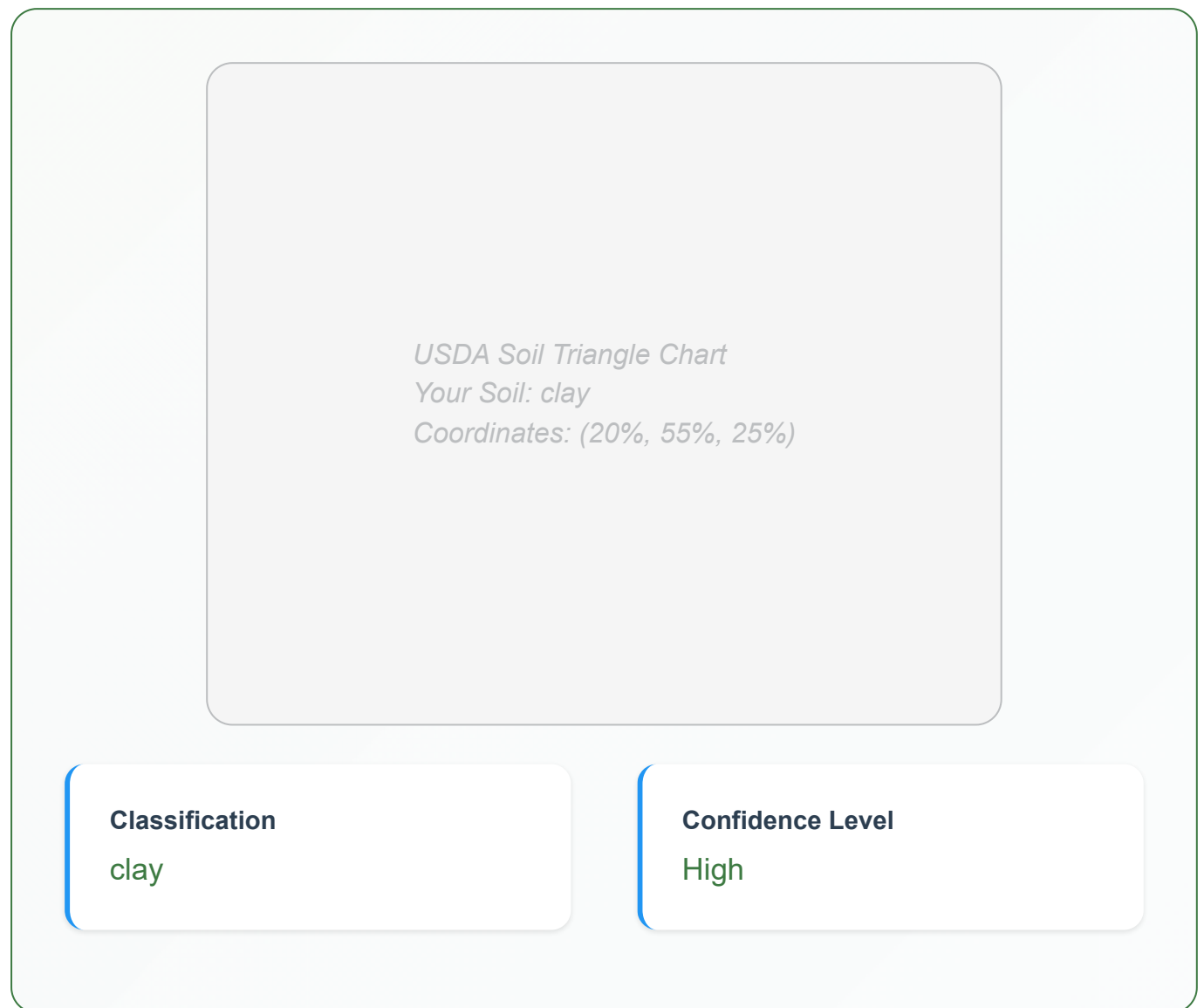
<div><div>Texture Class</div><div>clay</div></div>	<div><div>Particle Density</div><div>2.65 g/cm³</div></div>
<div><div>Porosity</div><div>0.55%</div></div>	<div><div>Void Ratio</div><div>N/A</div></div>

BULK DENSITY ANALYSIS

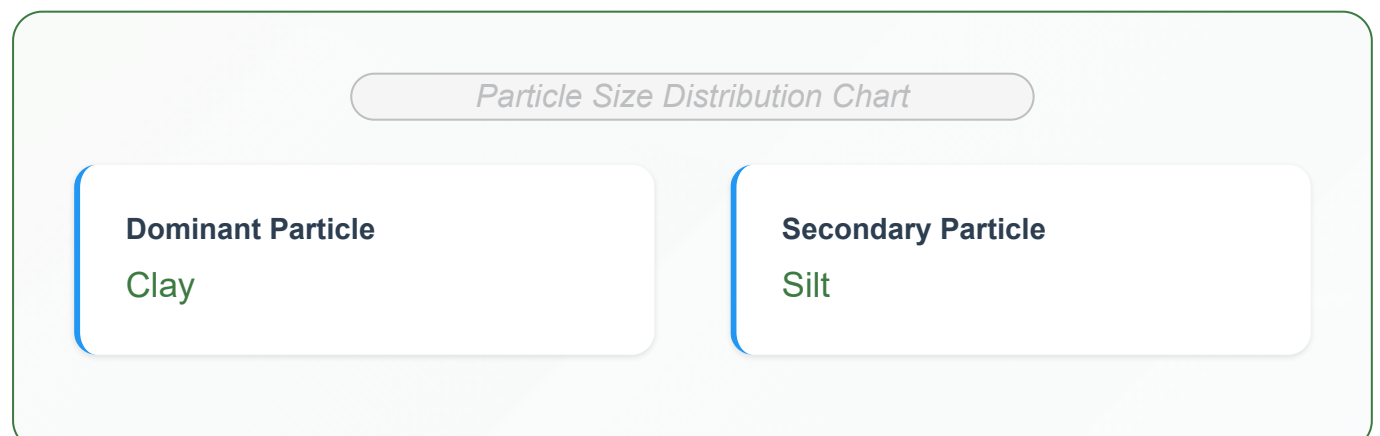
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2. SOIL TEXTURE CLASSIFICATION

USDA TRIANGLE CLASSIFICATION



PARTICLE SIZE DISTRIBUTION

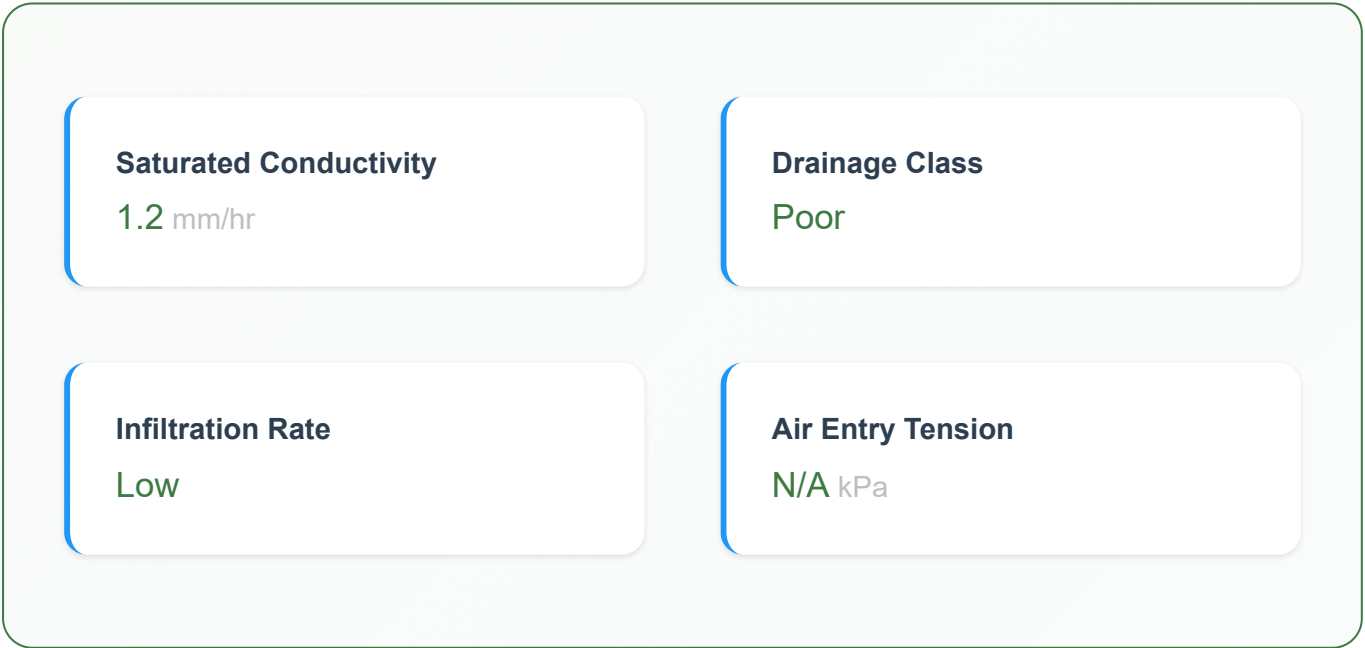


3. SOIL ANALYSIS RESULTS

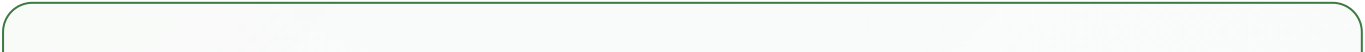
WATER CHARACTERISTICS



HYDRAULIC PROPERTIES



QUALITY INDICATORS



4. CROP RECOMMENDATIONS

SUITABLE CROPS

EXCELLENT MATCH:

- Rice
- Cotton
- Soybeans

GOOD MATCH:

- Corn
- Wheat
- Vegetables (with drainage)

MANAGEMENT PRACTICES

- Avoid tillage when soil moisture is high
- Use controlled traffic patterns to prevent compaction
- Consider drainage improvements
- Monitor soil compaction regularly

IRRIGATION GUIDELINES

FLAHA ECOSYSTEM

FLAHA AGRI TECH

Agricultural Technology
Solutions

FLAHA PA

Precision Agriculture
Platform

FLAHA LA

Laboratory Analytics

FLAHA AG

Agricultural Consulting