

FLAHA PA

FLAHASOIL

SOIL ANALYSIS REPORT

Professional Water Characteristics Analysis

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Plan: ENTERPRISE

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APPENDICES

1. SOIL PROPERTIES

COMPOSITION ANALYSIS

<div><div>Sand Content</div><div>58.7%</div></div>	<div><div>Clay Content</div><div>22.1%</div></div>
<div><div>Silt Content</div><div>19.2%</div></div>	<div><div>Organic Matter</div><div>2.1%</div></div>

PHYSICAL CHARACTERISTICS

<div><div>Texture Class</div><div>sandy clay loam</div></div>	<div><div>Particle Density</div><div>2.65 g/cm³</div></div>
<div><div>Porosity</div><div>N/A%</div></div>	<div><div>Void Ratio</div><div>0.87</div></div>

BULK DENSITY ANALYSIS

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2. SOIL TEXTURE CLASSIFICATION

USDA TRIANGLE CLASSIFICATION



Classification

sandy clay loam

Confidence Level

High

PARTICLE SIZE DISTRIBUTION

Particle Size Distribution Chart

Dominant Particle

Sand

Secondary Particle

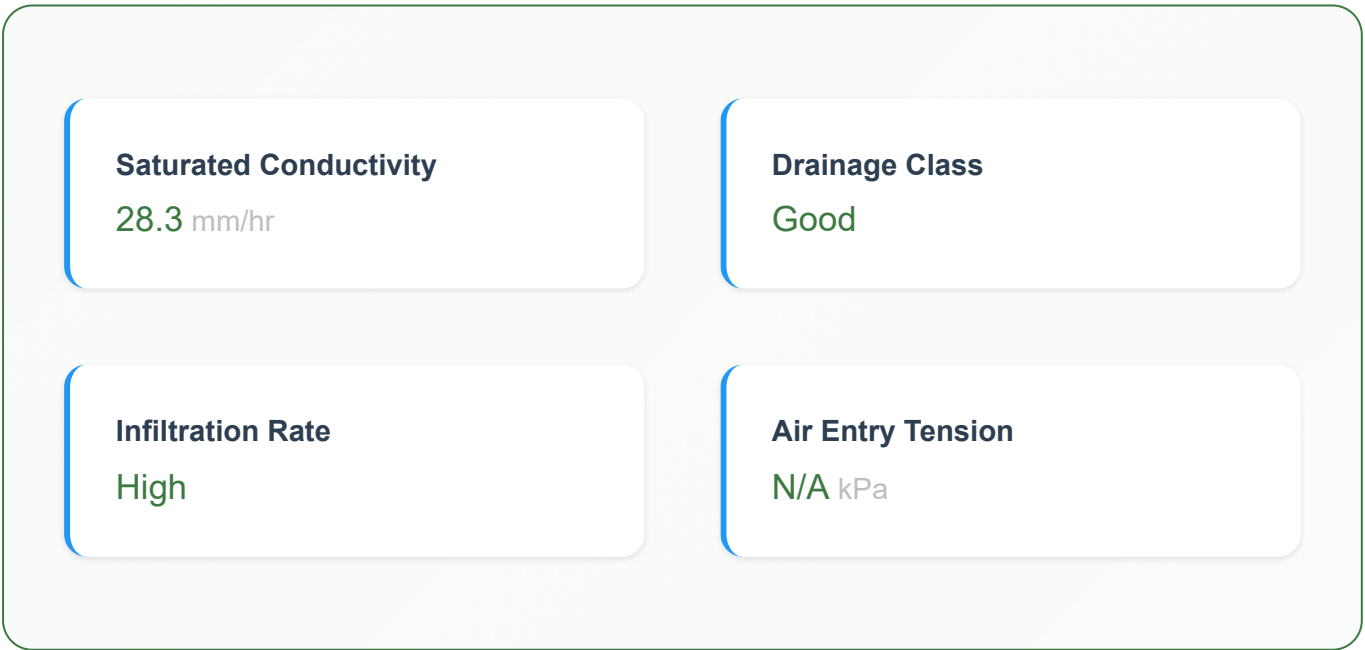
Clay

3. SOIL ANALYSIS RESULTS

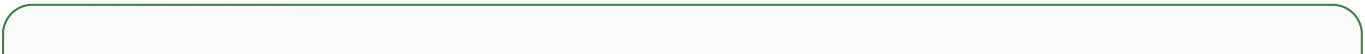
WATER CHARACTERISTICS



HYDRAULIC PROPERTIES



QUALITY INDICATORS



4. CROP RECOMMENDATIONS

SUITABLE CROPS

EXCELLENT MATCH:

- Corn
- Wheat
- Vegetables

GOOD MATCH:

- Rice
- Cotton
- Root crops

MANAGEMENT PRACTICES

- Maintain balanced tillage practices
- Monitor soil moisture for optimal timing
- Use crop rotation for soil health
- Apply appropriate fertilization

IRRIGATION GUIDELINES

FLAHA ECOSYSTEM

FLAHA AGRI TECH

Agricultural Technology
Solutions

FLAHA PA

Precision Agriculture
Platform

FLAHA LA

Laboratory Analytics

FLAHA AG

Agricultural Consulting