

FLAHA PA

FLAHASOIL

## SOIL ANALYSIS REPORT

Professional Water Characteristics Analysis

**GENERATED FOR:**

Dr. Sarah Johnson

**EMAIL:**

sarah.johnson@agri-research.com

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# TABLE OF CONTENTS

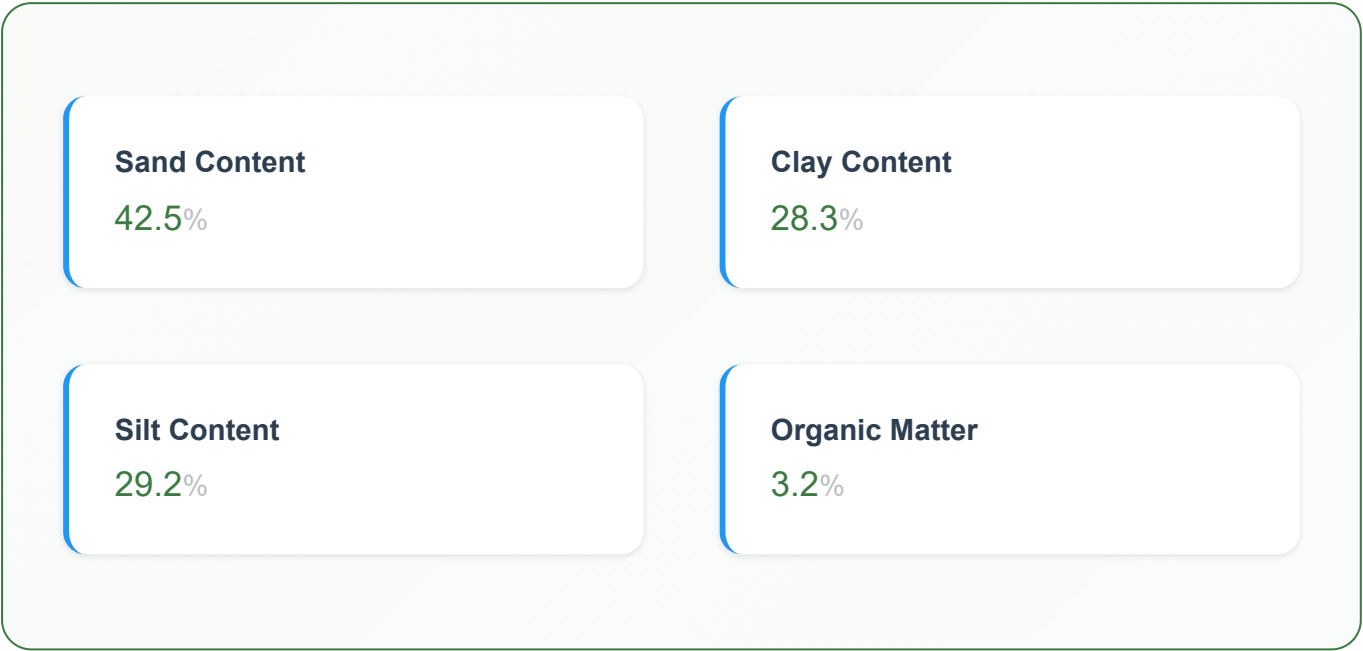
<b>1. Soil Properties</b>	<b>3</b>
<hr/>	
• Composition Analysis	3
• Physical Characteristics	3
• Bulk Density Analysis	3
<b>2. Soil Texture Classification</b>	<b>4</b>
<hr/>	
• USDA Triangle Classification	4
• Particle Size Distribution	4
• Texture Analysis	4
<b>3. Soil Analysis Results</b>	<b>5</b>
<hr/>	
• Water Characteristics	5
• Hydraulic Properties	5
• Quality Indicators	5
<b>4. Crop Recommendations</b>	<b>6</b>
<hr/>	
• Suitable Crops	6
• Management Practices	6
• Irrigation Guidelines	6

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## APPENDICES

# 1. SOIL PROPERTIES

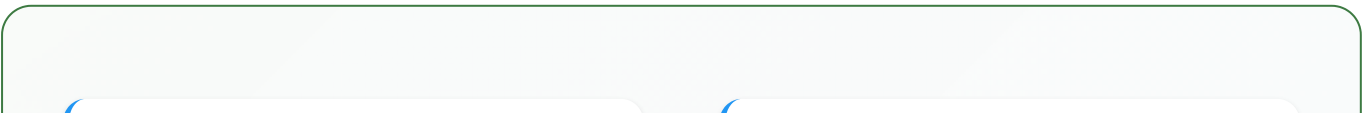
## COMPOSITION ANALYSIS



## PHYSICAL CHARACTERISTICS



## BULK DENSITY ANALYSIS



## 2. SOIL TEXTURE CLASSIFICATION

## USDA TRIANGLE CLASSIFICATION



## Classification

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## Confidence Level

High

## PARTICLE SIZE DISTRIBUTION

### Particle Size Distribution Chart

## Dominant Particle

Sand

## Secondary Particle

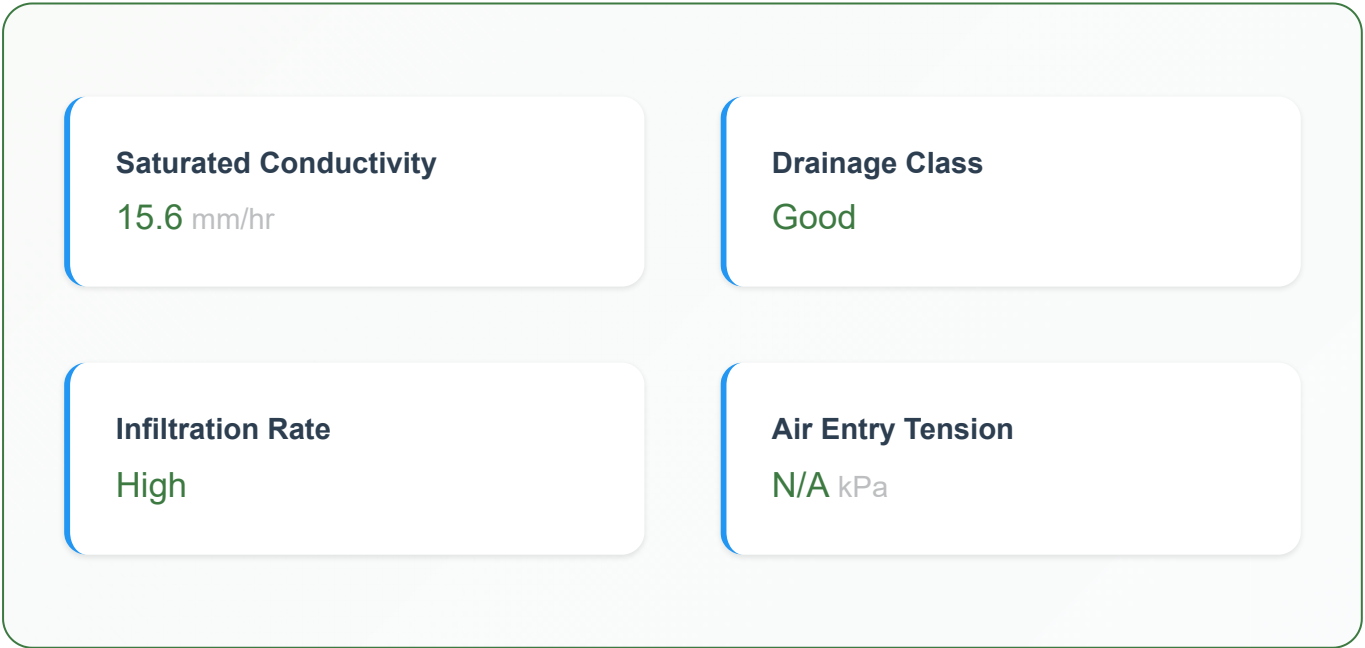
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### 3. SOIL ANALYSIS RESULTS

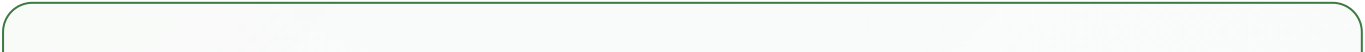
#### WATER CHARACTERISTICS



#### 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