

## Map Unit Description

Weld County, Colorado, Northern Part

49 Paoli fine sandy loam, 0 to 6 percent slopes

### Setting

Elevation: 3500 to 6500 feet  
Mean annual precipitation: 13 to 17 inches  
Mean annual air temperature: 46 to 48 degrees F  
Frost-free period: 130 to 150 days

### Composition

Paoli and similar soils: 90 percent  
Minor components: 10 percent

### Description of Paoli

#### Setting

Landform: Alluvial fans  
Down-slope shape: Linear  
Across-slope shape: Linear  
Parent material: Calcareous loamy alluvium

#### Properties and Qualities

Slope: 0 to 6 percent  
Drainage class: Well drained  
Capacity of the most limiting layer to transmit water (Ksat): High (2.00 to 6.00 in/hr)  
Frequency of flooding: None  
Frequency of ponding: None  
Calcium carbonate maximum: 15 percent  
Gypsum maximum: 0 percent  
Available water capacity: High (about 9.1 inches)

#### Interpretive Groups

Land capability classification (irrigated): 3e  
Land capability (non irrigated): 3e  
Ecological site: Sandy Plains (R067BY024CO)

#### Typical Profile

0 to 15 inches: fine sandy loam  
15 to 45 inches: sandy loam  
45 to 60 inches: sandy loam

### Minor Components

#### Haverson

Percent of map unit: 8 percent

#### Fluvaquentic haplustolls

Percent of map unit: 2 percent  
Landform: Terraces