

# Map Unit Description

Weld County, Colorado, Southern Part

## 54 Paoli loam, 0 to 1 percent slopes

### Setting

Elevation: 4700 to 5250 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: 95 percent  
Minor components: 5 percent

### Description of Paoli

#### Setting

Landform: Terraces  
Down-slope shape: Linear  
Across-slope shape: Linear  
Parent material: Alluvium

#### Properties and Qualities

Slope: 0 to 1 percent  
Drainage class: Well drained  
Capacity of the most limiting layer to transmit water (Ksat): Moderately high or high (0.60 to 2.00 in/hr)  
Frequency of flooding: None  
Frequency of ponding: None  
Calcium carbonate maximum: 15 percent  
Gypsum maximum: 0 percent  
Available water capacity: Moderate (about 8.8 inches)

#### Interpretive Groups

Land capability classification (irrigated): 1  
Land capability (non irrigated): 3c  
Ecological site: Overflow (R067BY036CO)

#### Typical Profile

0 to 25 inches: loam  
25 to 60 inches: fine sandy loam

### Minor Components

#### Glenberg

Percent of map unit: 5 percent