

# Map Unit Description

Weld County, Colorado, Southern Part

## 58 Shingle loam, 1 to 3 percent slopes

### Setting

Elevation: 4850 to 5200 feet  
Mean annual precipitation: 10 to 13 inches  
Mean annual air temperature: 46 to 48 degrees F  
Frost-free period: 110 to 140 days

### Composition

Shingle and similar soils: 85 percent  
Minor components: 15 percent

### Description of Shingle

#### Setting

Landform: Plains  
Down-slope shape: Linear  
Across-slope shape: Linear  
Parent material: Residuum weathered from shale

#### Properties and Qualities

Slope: 1 to 3 percent  
Depth to restrictive feature: 10 to 20 inches to Paralithic bedrock  
Drainage class: Well drained  
Capacity of the most limiting layer to transmit water (Ksat): Moderately low or moderately high (0.06 to 0.20 in/hr)  
Frequency of flooding: None  
Frequency of ponding: None  
Calcium carbonate maximum: 15 percent  
Gypsum maximum: 0 percent  
Available water capacity: Low (about 3.3 inches)

#### Interpretive Groups

Land capability classification (irrigated): 6s  
Land capability (non irrigated): 6s  
Ecological site: Shaly Plains (R067BY045CO)

#### Typical Profile

0 to 6 inches: loam  
6 to 18 inches: clay loam  
18 to 22 inches: unweathered bedrock

### Minor Components

#### Renohill

Percent of map unit: 6 percent

#### Terry

Percent of map unit: 5 percent

#### Ulm

Percent of map unit: 4 percent