

# Map Unit Description

Weld County, Colorado, Southern Part

## 36 Midway-Shingle complex, 5 to 20 percent slopes

### Setting

Elevation: 5050 to 5250 feet  
Mean annual precipitation: 10 to 17 inches  
Mean annual air temperature: 46 to 52 degrees F  
Frost-free period: 100 to 180 days

### Composition

Midway and similar soils: 50 percent  
Shingle and similar soils: 35 percent  
Minor components: 15 percent

### Description of Midway

#### Setting

Landform: Ridges, hills  
Down-slope shape: Linear  
Across-slope shape: Linear  
Parent material: Calcareous residuum weathered from shale

#### Properties and Qualities

Slope: 5 to 20 percent  
Depth to restrictive feature: 6 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: 15 percent  
Salinity maximum: Non saline or slightly saline (2.0 to 8.0 mmhos/cm)  
Sodium adsorption ratio maximum: 15.0  
Available water capacity: Very low (about 2.0 inches)

#### Interpretive Groups

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

#### Typical Profile

0 to 7 inches: clay  
7 to 13 inches: clay  
13 to 17 inches: weathered bedrock

### Description of Shingle

#### Setting

Landform: Hills, ridges  
Down-slope shape: Linear  
Across-slope shape: Linear  
Parent material: Residuum weathered from calcareous shale

#### Properties and Qualities

Slope: 5 to 20 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)

# Map Unit Description

Weld County, Colorado, Southern Part

## Typical Profile

0 to 6 inches: loam

6 to 18 inches: clay loam

18 to 22 inches: unweathered bedrock

## Minor Components

### Reno Hill

Percent of map unit: 8 percent

### Tassel

Percent of map unit: 7 percent