

# Map Unit Description

Rifle Area, Colorado, Parts of Garfield and Mesa Counties

55 Potts loam, 3 to 6 percent slopes

## Setting

Elevation: 5000 to 7000 feet

## Composition

Potts and similar soils: 85 percent

## Description of Potts

### Setting

Landform: Valley sides, benches, mesas

Down-slope shape: Convex, linear

Across-slope shape: Convex, linear

Parent material: Alluvium derived from basalt and/or alluvium derived from sandstone and shale

### Properties and Qualities

Slope: 3 to 6 percent

Drainage class: Well drained

Capacity of the most limiting layer to transmit water (Ksat): Moderately high (0.20 to 0.60 in/hr)

Frequency of flooding: None

Frequency of ponding: None

Calcium carbonate maximum: 15 percent

Gypsum maximum: 0 percent

Available water capacity: High (about 10.3 inches)

### Interpretive Groups

Land capability classification (irrigated): 3e

Land capability (non irrigated): 3c

Ecological site: Rolling Loam (R048AY298CO)

### Typical Profile

0 to 4 inches: loam

4 to 28 inches: clay loam

28 to 60 inches: loam

# Map Unit Description

Rifle Area, Colorado, Parts of Garfield and Mesa Counties

56 Potts loam, 6 to 12 percent slopes

## Setting

Elevation: 5000 to 7000 feet

## Composition

Potts and similar soils: 85 percent

## Description of Potts

### Setting

Landform: Valley sides, benches, mesas

Down-slope shape: Convex, linear

Across-slope shape: Convex, linear

Parent material: Alluvium derived from basalt and/or alluvium derived from sandstone and shale

### Properties and Qualities

Slope: 6 to 12 percent

Drainage class: Well drained

Capacity of the most limiting layer to transmit water (Ksat): Moderately high (0.20 to 0.60 in/hr)

Frequency of flooding: None

Frequency of ponding: None

Calcium carbonate maximum: 15 percent

Gypsum maximum: 0 percent

Available water capacity: High (about 10.3 inches)

### Interpretive Groups

Land capability classification (irrigated): 4e

Land capability (non irrigated): 4e

Ecological site: Rolling Loam (R048AY298CO)

### Typical Profile

0 to 4 inches: loam

4 to 28 inches: clay loam

28 to 60 inches: loam