

# Map Unit Description

Rifle Area, Colorado, Parts of Garfield and Mesa Counties

## 71 Villa Grove-Zoltay loams, 15 to 30 percent slopes

### Setting

Elevation: 7500 to 7600 feet

### Composition

Villa grove and similar soils: 50 percent

Zoltay and similar soils: 40 percent

### Description of Villa grove

#### Setting

Landform: Alluvial fans, mountainsides

Down-slope shape: Convex, linear

Across-slope shape: Convex, linear

Parent material: Mixed alluvium

#### Properties and Qualities

Slope: 15 to 30 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

Salinity maximum: Non saline or slightly saline (2.0 to 8.0 mmhos/cm)

Available water capacity: Moderate (about 8.1 inches)

#### Interpretive Groups

Land capability (non irrigated): 6e

Ecological site: Brushy Loam (R048AY238CO)

#### Typical Profile

0 to 4 inches: loam

4 to 15 inches: clay loam

15 to 60 inches: loam

### Description of Zoltay

#### Setting

Landform: Alluvial fans, mountainsides

Down-slope shape: Convex

Across-slope shape: Convex

Parent material: Mixed alluvium

#### Properties and Qualities

Slope: 15 to 30 percent

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: Moderate (about 7.5 inches)

#### Interpretive Groups

Land capability (non irrigated): 6e

Ecological site: Brushy Loam (R048AY238CO)

#### Typical Profile

0 to 19 inches: loam

19 to 23 inches: cobbly clay loam

23 to 36 inches: cobbly clay

36 to 60 inches: cobbly clay