

# Map Unit Description

Paonia Area, Colorado, Parts of Delta, Gunnison, and Montrose Counties

## 74 Torriorthents-Haplargids complex, very stony

### Setting

Elevation: 4500 to 7000 feet  
Mean annual precipitation: 7 to 13 inches  
Mean annual air temperature: 48 to 54 degrees F  
Frost-free period: 80 to 180 days

### Composition

Torriorthents and similar soils: 55 percent  
Haplargids and similar soils: 40 percent

### Description of Torriorthents

#### Setting

Landform: Valleys, fans  
Down-slope shape: Concave, linear  
Across-slope shape: Linear  
Parent material: Locally transported stony residuum

#### Properties and Qualities

Slope: 3 to 12 percent  
Drainage class: Well drained  
Capacity of the most limiting layer to transmit water (Ksat): Moderately high or high (0.20 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: Low (about 4.7 inches)

#### Interpretive Groups

Land capability (non irrigated): 7s

#### Typical Profile

0 to 4 inches: very stony sandy loam  
4 to 31 inches: very stony loam  
31 to 60 inches: very stony sandy loam

### Description of Haplargids

#### Setting

Landform: Fans, valleys  
Down-slope shape: Linear  
Across-slope shape: Linear  
Parent material: Locally transported stony residuum

#### Properties and Qualities

Slope: 6 to 12 percent  
Drainage class: Well drained  
Capacity of the most limiting layer to transmit water (Ksat): Moderately high or high (0.20 to 2.00 in/hr)  
Frequency of flooding: None  
Frequency of ponding: None  
Calcium carbonate maximum: 10 percent  
Gypsum maximum: 0 percent  
Available water capacity: Low (about 3.5 inches)

#### Interpretive Groups

Land capability (non irrigated): 7s

#### Typical Profile

0 to 4 inches: very stony loam  
4 to 14 inches: very stony loam  
14 to 60 inches: extremely stony loam