

## Map Unit Description

La Plata County Area, Colorado

### 70 Ustic Torriorthents-Ustollic Haplargids complex, 12 to 60

#### Setting

Elevation: 6000 to 8500 feet  
 Mean annual precipitation: 14 to 19 inches  
 Mean annual air temperature: 45 to 50 degrees F  
 Frost-free period: 100 to 130 days

#### Composition

Ustic torriorthents and similar soils: 50 percent  
 Ustollic haplargids and similar soils: 30 percent

#### Description of Ustic torriorthents

##### Setting

Landform: Hills, mesas, terraces  
 Down-slope shape: Linear  
 Across-slope shape: Linear  
 Parent material: Outwash and/or gravelly and cobbly alluvium

##### Properties and Qualities

Slope: 12 to 60 percent  
 Drainage class: Well drained  
 Capacity of the most limiting layer to transmit water (Ksat): Moderately high or high (0.60 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 4.8 inches)

##### Interpretive Groups

Land capability (non irrigated): 7e

##### Typical Profile

0 to 6 inches: very gravelly loam  
 6 to 60 inches: very gravelly sandy loam, very cobbly loam, gravelly loam

#### Description of Ustollic haplargids

##### Setting

Landform: Hills, mesas, terraces  
 Down-slope shape: Linear  
 Across-slope shape: Linear  
 Parent material: Gravelly and cobbly alluvium

##### Properties and Qualities

Slope: 12 to 60 percent  
 Drainage class: Well drained  
 Capacity of the most limiting layer to transmit water (Ksat): Moderately high or high (0.60 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): 7e

##### Typical Profile

0 to 3 inches: gravelly loam  
 3 to 24 inches: gravelly loam, very cobbly sandy clay loam, very gravelly fine sandy loam  
 24 to 60 inches: very gravelly loamy sand, very gravelly sandy loam, very gravelly loam