

## Map Unit Description

Rio Blanco County Area, Colorado

64 Piceance fine sandy loam, 5 to 15 percent slopes

### Setting

Landscape: Uplands  
 Elevation: 6300 to 7500 feet  
 Mean annual precipitation: 15 to 18 inches  
 Mean annual air temperature: 42 to 45 degrees F  
 Frost-free period: 80 to 105 days

### Composition

Piceance and similar soils: 85 percent

### Description of Piceance

#### Setting

Landform: Ridges  
 Down-slope shape: Linear  
 Across-slope shape: Linear  
 Parent material: Colluvium and/or eolian deposits derived from sandstone

#### Properties and Qualities

Slope: 5 to 15 percent  
 Depth to restrictive feature: 20 to 40 inches to Lithic bedrock  
 Drainage class: Well drained  
 Capacity of the most limiting layer to transmit water (Ksat): Moderately low or high (0.06 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 4.2 inches)

#### Interpretive Groups

Land capability (non irrigated): 4e  
 Ecological site: Rolling Loam (R048AY298CO)

#### Typical Profile

0 to 4 inches: fine sandy loam  
 4 to 22 inches: loam, sandy clay loam, clay loam  
 22 to 30 inches: channery sandy loam, channery loam, channery sandy clay loam  
 30 to 34 inches: unweathered bedrock

## Map Unit Description

Rio Blanco County Area, Colorado

73 Rentsac channery loam, 5 to 50 percent slopes

### Setting

Landscape: Foothills  
 Elevation: 6000 to 7600 feet  
 Mean annual precipitation: 14 to 18 inches  
 Mean annual air temperature: 42 to 45 degrees F  
 Frost-free period: 80 to 105 days

### Composition

Rentsac and similar soils: 80 percent

### Description of Rentsac

#### Setting

Landform: Ridges  
 Down-slope shape: Convex, linear  
 Across-slope shape: Convex, linear  
 Parent material: Residuum weathered from calcareous sandstone

#### Properties and Qualities

Slope: 5 to 50 percent  
 Depth to restrictive feature: 10 to 20 inches to Lithic bedrock  
 Drainage class: Well drained  
 Capacity of the most limiting layer to transmit water (Ksat): Very low (0.00 to 0.00 in/hr)  
 Frequency of flooding: None  
 Frequency of ponding: None  
 Calcium carbonate maximum: 15 percent  
 Gypsum maximum: 0 percent  
 Available water capacity: Very low (about 1.2 inches)

#### Interpretive Groups

Land capability (non irrigated): 7e

#### Typical Profile

0 to 5 inches: channery loam  
 5 to 16 inches: extremely channery loam, extremely gravelly sandy loam, very flaggy loam  
 16 to 20 inches: unweathered bedrock