

# 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  
Minor components: 15 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

## Minor Components

### Other soils

Percent of map unit: 15 percent

# 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  
Minor components: 20 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

## Minor Components

### Other soils

Percent of map unit: 20 percent