

## 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

## Map Unit Description

Rio Blanco County Area, Colorado

### 104 Yamac loam, 2 to 15 percent slopes

#### Setting

Landscape: Uplands  
Elevation: 5800 to 7100 feet  
Mean annual precipitation: 13 to 16 inches  
Mean annual air temperature: 40 to 45 degrees F  
Frost-free period: 80 to 105 days

#### Composition

Yamac and similar soils: 85 percent  
Minor components: 15 percent

#### Description of Yamac

##### Setting

Landform: Fans, terraces  
Down-slope shape: Linear  
Across-slope shape: Linear  
Parent material: Alluvium and/or eolian deposits

##### Properties and Qualities

Slope: 2 to 15 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: 1 percent  
Sodium adsorption ratio maximum: 5.0  
Available water capacity: High (about 9.7 inches)

##### Interpretive Groups

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

##### Typical Profile

0 to 4 inches: loam  
4 to 22 inches: loam, clay loam, silt loam  
22 to 60 inches: loam, clay loam, silt loam

#### Minor Components

##### Other soils

Percent of map unit: 15 percent