

# Map Unit Description

Rio Blanco County Area, Colorado

## 70 Redcreek-Rentsac complex, 5 to 30 percent slopes

### Setting

Elevation: 6000 to 7400 feet  
Mean annual precipitation: 14 to 18 inches  
Mean annual air temperature: 42 to 45 degrees F  
Frost-free period: 85 to 105 days

### Composition

Redcreek and similar soils: 60 percent  
Rentsac and similar soils: 30 percent

### Description of Redcreek

#### Setting

Landform: Ridges, mountainsides  
Down-slope shape: Linear  
Across-slope shape: Linear  
Parent material: Eolian deposits and/or residuum weathered from sandstone

#### Properties and Qualities

Slope: 5 to 30 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): Moderately low or moderately high (0.06 to 0.20 in/hr)  
Frequency of flooding: None  
Frequency of ponding: None  
Calcium carbonate maximum: 10 percent  
Gypsum maximum: 0 percent  
Available water capacity: Very low (about 1.7 inches)

#### Interpretive Groups

Land capability (non irrigated): 6e

#### Typical Profile

0 to 11 inches: sandy loam  
11 to 16 inches: channery sandy loam  
16 to 20 inches: unweathered bedrock

### Description of Rentsac

#### Setting

Landform: Mountainsides  
Down-slope shape: Linear  
Across-slope shape: Linear  
Parent material: Eolian deposits and/or residuum weathered from sandstone

#### Properties and Qualities

Slope: 5 to 30 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

## 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