

# 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