

# Map Unit Description

Rio Blanco County Area, Colorado

## 74 Rentsac-Moyerson-Rock outcrop complex, 5 to 65 percent slopes

### Setting

Landscape: Foothills  
Elevation: 5800 to 7200 feet  
Mean annual precipitation: 13 to 16 inches  
Mean annual air temperature: 42 to 45 degrees F  
Frost-free period: 75 to 105 days

### Composition

Rentsac and similar soils: 40 percent  
Moyerson and similar soils: 25 percent  
Rock outcrop: 20 percent

### Description of Rentsac

#### Setting

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

### Description of Moyerson

#### Setting

Landform: Ridges  
Down-slope shape: Linear  
Across-slope shape: Linear  
Parent material: Residuum weathered from sandstone

#### Properties and Qualities

Slope: 15 to 65 percent  
Depth to restrictive feature: 10 to 20 inches to Paralithic 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: 2 percent  
Sodium adsorption ratio maximum: 2.0  
Available water capacity: Very low (about 2.4 inches)

#### Interpretive Groups

Land capability (non irrigated): 7e  
Ecological site: Clayey Slopes (R048AY246CO)

#### Typical Profile

0 to 2 inches: stony loam

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2 to 17 inches: clay loam, clay, silty clay  
17 to 21 inches: weathered bedrock

### Description of Rock outcrop

#### Properties and Qualities

Slope: 0 to 5 percent

Depth to restrictive feature: 0 to 4 inches to Lithic bedrock

Capacity of the most limiting layer to transmit water (Ksat): Very low or moderately low (0.00 to 0.14 in/hr)

Frequency of flooding: None

Frequency of ponding: None

Available water capacity: Very low (about 0.0 inches)

#### Interpretive Groups

Land capability (non irrigated): 8s

#### Typical Profile

0 to 60 inches: unweathered bedrock