

## Map Unit Description

Rio Blanco County Area, Colorado

### 53 Moyerson stony clay loam, 15 to 65 percent slopes

#### Setting

Elevation: 5600 to 7300 feet  
Mean annual precipitation: 13 to 16 inches  
Mean annual air temperature: 42 to 45 degrees F  
Frost-free period: 85 to 105 days

#### Composition

Moyerson and similar soils: 90 percent  
Minor components: 10 percent

#### Description of Moyerson

##### Setting

Landform: Plateaus, ridges  
Down-slope shape: Linear  
Across-slope shape: Linear  
Parent material: Residuum weathered from calcareous shale

##### 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: 3 percent  
Salinity maximum: Non saline or very slightly saline (2.0 to 4.0 mmhos/cm)  
Sodium adsorption ratio maximum: 10.0  
Available water capacity: Very low (about 2.7 inches)

##### Interpretive Groups

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

##### Typical Profile

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

#### Minor Components

##### Other soils

Percent of map unit: 10 percent