

# 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

# 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