

# 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