

# Map Unit Description

Rio Blanco County Area, Colorado

## 61 Patent loam, 3 to 8 percent slopes

### Setting

Elevation: 5800 to 6800 feet  
Mean annual precipitation: 15 to 17 inches  
Mean annual air temperature: 42 to 45 degrees F  
Frost-free period: 85 to 105 days

### Composition

Patent and similar soils: 85 percent  
Minor components: 15 percent

### Description of Patent

#### Setting

Landform: Toes, fans  
Down-slope shape: Linear  
Across-slope shape: Linear  
Parent material: Alluvium and/or colluvium and/or thin mantle eolian deposits

#### Properties and Qualities

Slope: 3 to 8 percent  
Drainage class: Well drained  
Capacity of the most limiting layer to transmit water (Ksat): Moderately high or high (0.20 to 2.00 in/hr)  
Frequency of flooding: None  
Frequency of ponding: None  
Calcium carbonate maximum: 10 percent  
Gypsum maximum: 0 percent  
Available water capacity: High (about 10.0 inches)

#### Interpretive Groups

Land capability (non irrigated): 3e  
Ecological site: Rolling Loam (R048AY298CO)

#### Typical Profile

0 to 10 inches: loam  
10 to 60 inches: loam, clay loam, very fine sandy loam

### Minor Components

#### Other soils

Percent of map unit: 15 percent