

# Map Unit Description

Rio Blanco County Area, Colorado

## 34 Forelle loam, 8 to 15 percent slopes

### Setting

Landscape: Uplands  
Elevation: 5800 to 7200 feet  
Mean annual precipitation: 15 to 18 inches  
Mean annual air temperature: 42 to 45 degrees F  
Frost-free period: 80 to 105 days

### Composition

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

### Description of Forelle

#### Setting

Landform: Terraces  
Down-slope shape: Linear  
Across-slope shape: Linear  
Parent material: Alluvium derived from sedimentary rock and/or eolian deposits

#### Properties and Qualities

Slope: 8 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: 0 percent  
Sodium adsorption ratio maximum: 5.0  
Available water capacity: High (about 10.1 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 21 inches: clay loam, loam, sandy clay loam  
21 to 60 inches: loam, sandy clay loam, clay loam

### Minor Components

#### Other soils

Percent of map unit: 15 percent