

# Map Unit Description

Fremont County Area, Colorado

## 35 Fort Collins loam, cool, 0 to 2 percent slopes

### Setting

Elevation: 5600 to 6300 feet  
Mean annual precipitation: 12 to 15 inches  
Mean annual air temperature: 49 to 52 degrees F  
Frost-free period: 130 to 160 days

### Composition

Fort collins, cool, and similar soils: 95 percent

### Description of Fort collins, cool

#### Setting

Landform: Fan terraces  
Down-slope shape: Linear  
Across-slope shape: Linear  
Parent material: Alluvium

#### Properties and Qualities

Slope: 0 to 2 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: 15 percent  
Gypsum maximum: 0 percent  
Available water capacity: High (about 9.5 inches)

#### Interpretive Groups

Land capability classification (irrigated): 2e  
Land capability (non irrigated): 4c  
Ecological site: Loamy Foothill (R049BY202CO)

#### Typical Profile

0 to 4 inches: loam  
4 to 21 inches: loam  
21 to 60 inches: loam, clay loam

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Percent of map unit: percent