

# Map Unit Description

Fremont County Area, Colorado

## 128 Wiley loam, cool, 2 to 6 percent slopes

### Setting

Elevation: 5800 to 6200 feet  
Mean annual precipitation: 13 to 16 inches  
Mean annual air temperature: 48 to 52 degrees F  
Frost-free period: 125 to 155 days

### Composition

Wiley, cool, and similar soils: 90 percent

### Description of Wiley, cool

#### Setting

Landform: Fan terraces, hills  
Landform position (two-dimensional): Footslope  
Down-slope shape: Linear  
Across-slope shape: Linear  
Parent material: Alluvium and/or eolian deposits

#### Properties and Qualities

Slope: 2 to 6 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  
Available water capacity: High (about 10.5 inches)

#### Interpretive Groups

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

#### Typical Profile

0 to 4 inches: loam  
4 to 21 inches: silty clay loam  
21 to 40 inches: silt loam  
40 to 60 inches: loam

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Percent of map unit: percent