

## Map Unit Description

Lincoln County, Colorado

### 140 Keith silt loam, 3 to 10 percent slopes

#### Setting

Elevation: 4400 to 6000 feet  
Mean annual precipitation: 14 to 16 inches  
Mean annual air temperature: 46 to 52 degrees F  
Frost-free period: 135 to 155 days

#### Composition

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

#### Description of Keith

##### Setting

Landform: Hills  
Down-slope shape: Linear  
Across-slope shape: Linear  
Parent material: Loess

##### Properties and Qualities

Slope: 3 to 10 percent  
Drainage class: Well drained  
Capacity of the most limiting layer to transmit water (Ksat): Moderately high (0.20 to 0.60 in/hr)  
Frequency of flooding: None  
Frequency of ponding: None  
Calcium carbonate maximum: 15 percent  
Gypsum maximum: 0 percent  
Available water capacity: High (about 10.8 inches)

##### Interpretive Groups

Land capability (non irrigated): 6e  
Ecological site: Loamy Plains (R067BY002CO)

##### Typical Profile

0 to 10 inches: silt loam  
10 to 26 inches: silty clay loam  
26 to 60 inches: silt loam

#### Minor Components

##### Pleasant soils

Percent of map unit: 5 percent  
Landform: Depressions  
Ecological site: Plains Swale (R067XY010CO)

##### Wiley soils

Percent of map unit: 5 percent  
Landform: Hills  
Ecological site: Loamy Plains (R067BY002CO)  
Other vegetative classification: LOAMY PLAINS (067XY002CO\_1)

##### Satanta soils

Percent of map unit: 5 percent  
Landform: Terraces  
Ecological site: Loamy Plains (R067BY002CO)  
Other vegetative classification: LOAMY PLAINS (067XY002CO\_1)

## Map Unit Description

Lincoln County, Colorado

### 213 Weld silt loam, 0 to 2 percent slopes

#### Setting

Elevation: 4400 to 6000 feet  
Mean annual precipitation: 14 to 16 inches  
Mean annual air temperature: 46 to 52 degrees F  
Frost-free period: 135 to 155 days

#### Composition

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

#### Description of Weld

##### Setting

Landform: Plains  
Down-slope shape: Linear  
Across-slope shape: Linear  
Parent material: Loess

##### Properties and Qualities

Slope: 0 to 2 percent  
Drainage class: Well drained  
Capacity of the most limiting layer to transmit water (Ksat): Moderately high (0.20 to 0.60 in/hr)  
Frequency of flooding: None  
Frequency of ponding: None  
Calcium carbonate maximum: 15 percent  
Gypsum maximum: 0 percent  
Available water capacity: High (about 11.0 inches)

##### Interpretive Groups

Land capability (non irrigated): 3c  
Ecological site: Loamy Plains (R067BY002CO)

##### Typical Profile

0 to 4 inches: silt loam  
4 to 19 inches: silty clay  
19 to 44 inches: silty clay loam  
44 to 60 inches: silt loam

#### Minor Components

##### Pleasant soils

Percent of map unit: 5 percent  
Landform: Depressions  
Ecological site: Plains Swale (R067XY010CO)

##### Colby soils

Percent of map unit: 5 percent  
Landform: Plains  
Other vegetative classification: Loamy Plains (067XY002)

##### Karval soils

Percent of map unit: 3 percent  
Landform: Hills  
Other vegetative classification: GRAVEL BREAKS (067XY063CO\_1)

##### Rago soils

Percent of map unit: 2 percent  
Landform: Flood plains  
Ecological site: Overflow Central/South - Draft (R067XY036CO)