

# Map Unit Description

Lincoln County, Colorado

## 217 Wilid silt loam, 0 to 3 percent slopes

### Setting

Elevation: 4400 to 6000 feet  
Mean annual precipitation: 11 to 16 inches  
Mean annual air temperature: 46 to 52 degrees F  
Frost-free period: 135 to 155 days

### Composition

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

### Description of Wilid

#### Setting

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

#### Properties and Qualities

Slope: 0 to 3 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 10.8 inches)

#### Interpretive Groups

Land capability (non irrigated): 4c  
Ecological site: Loamy Plains (R069XY006CO)

#### Typical Profile

0 to 3 inches: silt loam  
3 to 21 inches: silty clay loam  
21 to 60 inches: silt loam

### Minor Components

#### Apishapa soils

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

#### Bacid soils

Percent of map unit: 5 percent  
Landform: Plains  
Other vegetative classification: LOAMY PLAINS (069XY006CO\_1)

#### Fort soils

Percent of map unit: 3 percent  
Landform: Plains  
Other vegetative classification: LOAMY PLAINS (069XY006CO\_1)

#### Weld soils

Percent of map unit: 2 percent  
Landform: Plains  
Ecological site: Loamy Plains (R067BY002CO)  
Other vegetative classification: LOAMY PLAINS (067XY002CO\_1)