

LYN USX MC05-02 HN (TANK)  
NWSE 5-1N-69W

## Map Unit Description

Boulder County Area, Colorado

**WeB** Weld fine sandy loam, 1 to 3 percent slopes

### Setting

Landscape: Uplands  
Elevation: 4900 to 5500 feet  
Mean annual precipitation: 12 to 18 inches  
Mean annual air temperature: 48 to 52 degrees F  
Frost-free period: 140 to 155 days

### Composition

Weld and similar soils: 90 percent  
Minor components: 10 percent

### Description of Weld

#### Setting

Down-slope shape: Linear  
Across-slope shape: Linear  
Parent material: Loamy eolian deposits

#### Properties and Qualities

Slope: 1 to 3 percent  
Drainage class: Well drained  
Capacity of the most limiting layer to transmit water (Ksat): Moderately low or moderately high (0.06 to 0.20 in/hr)  
Frequency of flooding: None  
Frequency of ponding: None  
Calcium carbonate maximum: 10 percent  
Gypsum maximum: 0 percent  
Available water capacity: High (about 10.5 inches)

#### Interpretive Groups

Land capability classification (irrigated): 2e  
Land capability (non irrigated): 3e  
Ecological site: Loamy Plains (R067BY002CO)

#### Typical Profile

0 to 6 inches: fine sandy loam  
6 to 18 inches: clay loam, silty clay, silty clay loam  
18 to 60 inches: silt loam, loam

### Minor Components

#### Colby

Percent of map unit: 5 percent

#### Wiley

Percent of map unit: 5 percent