

T6N - R65W - 6th P.M.  
SECTION 14 : NW<sub>14</sub> SW<sub>14</sub>  
WELD COUNTY, CO

## Map Unit Description

Weld County, Colorado, Southern Part

### 25 Haverson loam, 0 to 1 percent slopes

#### Setting

Elevation: 4500 to 4800 feet  
Mean annual precipitation: 12 to 17 inches  
Mean annual air temperature: 46 to 54 degrees F  
Frost-free period: 125 to 180 days

#### Composition

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

#### Description of Haverson

##### Setting

Landform: Flood plains, stream terraces  
Down-slope shape: Linear  
Across-slope shape: Linear  
Parent material: Stratified, calcareous alluvium

##### Properties and Qualities

Slope: 0 to 1 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: 1 percent  
Available water capacity: High (about 9.6 inches)

##### Interpretive Groups

Land capability classification (irrigated): 3w  
Ecological site: Loamy Plains (R067BY002CO)

##### Typical Profile

0 to 4 inches: loam  
4 to 60 inches: stratified loamy sand to loam to clay loam

#### Minor Components

##### Vona

Percent of map unit: 8 percent

##### Fluvaquentic haplustolls

Percent of map unit: 4 percent  
Landform: Terraces

##### Other soils

Percent of map unit: 3 percent

**Map Unit Description**

Weld County, Colorado, Southern Part

**41 Nunn clay loam, 0 to 1 percent slopes****Setting**

Elevation: 4550 to 5150 feet  
 Mean annual precipitation: 12 to 18 inches  
 Mean annual air temperature: 46 to 54 degrees F  
 Frost-free period: 115 to 180 days

**Composition**

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

**Description of Nunn****Setting**

Landform: Plains, terraces  
 Down-slope shape: Linear  
 Across-slope shape: Linear  
 Parent material: Mixed alluvium and/or eolian deposits

**Properties and Qualities**

Slope: 0 to 1 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: 15 percent  
 Gypsum maximum: 0 percent  
 Available water capacity: High (about 9.1 inches)

**Interpretive Groups**

Land capability classification (irrigated): 2e  
 Ecological site: Clayey Plains (R067BY042CO)

**Typical Profile**

0 to 9 inches: clay loam  
 9 to 29 inches: clay loam  
 29 to 60 inches: sandy loam

**Minor Components****Heldt**

Percent of map unit: 7 percent

**Dacono**

Percent of map unit: 4 percent

**Altvan**

Percent of map unit: 4 percent