

## Weld County, Colorado, Northern Part

### 40—Nunn loam, 0 to 6 percent slopes

#### Map Unit Setting

*National map unit symbol:* 2tlpt  
*Elevation:* 4,500 to 6,200 feet  
*Mean annual precipitation:* 13 to 17 inches  
*Mean annual air temperature:* 50 to 54 degrees F  
*Frost-free period:* 135 to 160 days  
*Farmland classification:* Prime farmland if irrigated

#### Map Unit Composition

*Nunn and similar soils:* 85 percent  
*Minor components:* 15 percent  
*Estimates are based on observations, descriptions, and transects of the mapunit.*

#### Description of Nunn

##### Setting

*Landform:* Alluvial fans, terraces  
*Landform position (three-dimensional):* Tread  
*Down-slope shape:* Linear  
*Across-slope shape:* Linear  
*Parent material:* Pleistocene aged alluvium and/or eolian deposits

##### Typical profile

*Ap - 0 to 6 inches:* loam  
*Bt1 - 6 to 10 inches:* clay loam  
*Bt2 - 10 to 26 inches:* clay loam  
*Btk - 26 to 31 inches:* clay loam  
*Bk - 31 to 80 inches:* clay loam

##### Properties and qualities

*Slope:* 0 to 6 percent  
*Depth to restrictive feature:* More than 80 inches  
*Natural drainage class:* Well drained  
*Runoff class:* Medium  
*Capacity of the most limiting layer to transmit water (Ksat):*  
Moderately low to moderately high (0.06 to 0.20 in/hr)  
*Depth to water table:* More than 80 inches  
*Frequency of flooding:* None  
*Frequency of ponding:* None  
*Calcium carbonate, maximum in profile:* 5 percent  
*Salinity, maximum in profile:* Nonsaline (0.1 to 1.0 mmhos/cm)  
*Available water storage in profile:* High (about 9.5 inches)

##### Interpretive groups

*Land capability classification (irrigated):* 4e  
*Land capability classification (nonirrigated):* 4e  
*Hydrologic Soil Group:* C

*Ecological site:* Loamy Plains (R067BY002CO)  
*Hydric soil rating:* No

### **Minor Components**

#### **Manzanst**

*Percent of map unit:* 8 percent  
*Landform:* Alluvial fans, terraces  
*Landform position (three-dimensional):* Tread  
*Down-slope shape:* Linear  
*Across-slope shape:* Linear  
*Ecological site:* Clayey Plains (R067BY042CO)  
*Hydric soil rating:* No

#### **Avar**

*Percent of map unit:* 7 percent  
*Landform:* Swales on terraces, swales on terraces  
*Landform position (three-dimensional):* Tread  
*Down-slope shape:* Linear, concave  
*Across-slope shape:* Concave, linear  
*Ecological site:* Salt Flat (R067BY033CO)  
*Hydric soil rating:* No

## **Data Source Information**

Soil Survey Area: Weld County, Colorado, Northern Part  
Survey Area Data: Version 11, Sep 22, 2016