

## **Piedra Area, Colorado, Parts of Archuleta, Hinsdale, La Plata, Mineral, and Rio Grande Counties**

### **36D—Nunn loam, 4 to 25 percent slopes**

#### **Map Unit Setting**

*National map unit symbol:* jt7h  
*Elevation:* 6,000 to 7,000 feet  
*Mean annual precipitation:* 15 to 22 inches  
*Mean annual air temperature:* 45 to 50 degrees F  
*Frost-free period:* 100 to 130 days  
*Farmland classification:* Not prime farmland

#### **Map Unit Composition**

*Nunn and similar soils:* 90 percent  
*Minor components:* 10 percent  
*Estimates are based on observations, descriptions, and transects of the mapunit.*

#### **Description of Nunn**

##### **Setting**

*Landform:* Fan piedmonts, plains  
*Landform position (three-dimensional):* Talf  
*Down-slope shape:* Linear  
*Across-slope shape:* Linear  
*Parent material:* Slope alluvium derived from sandstone and shale

##### **Typical profile**

*A1 - 0 to 5 inches:* loam  
*A2 - 5 to 10 inches:* clay loam  
*Bt1 - 10 to 19 inches:* clay loam  
*Bt2 - 19 to 25 inches:* clay  
*C - 25 to 60 inches:* clay

##### **Properties and qualities**

*Slope:* 4 to 25 percent  
*Depth to restrictive feature:* More than 80 inches  
*Natural drainage class:* Well drained  
*Runoff class:* Very high  
*Capacity of the most limiting layer to transmit water (Ksat):*  
Moderately low to moderately high (0.07 to 0.21 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  
*Available water storage in profile:* High (about 10.5 inches)

##### **Interpretive groups**

*Land capability classification (irrigated):* 6e  
*Land capability classification (nonirrigated):* 6e  
*Hydrologic Soil Group:* C

*Ecological site:* Loamy Foothill (R048AY202CO)

*Hydric soil rating:* No

#### **Minor Components**

##### **Heflin**

*Percent of map unit:* 5 percent

*Hydric soil rating:* No

##### **Other soils**

*Percent of map unit:* 5 percent

*Hydric soil rating:* No

## **Data Source Information**

Soil Survey Area: Piedra Area, Colorado, Parts of Archuleta, Hinsdale, La Plata, Mineral, and Rio Grande Counties

Survey Area Data: Version 4, Sep 10, 2018