

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

### **11E—Corta silt loam, 25 to 65 percent slopes**

#### **Map Unit Setting**

*National map unit symbol:* jt65  
*Elevation:* 6,500 to 8,000 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**

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

#### **Description of Corta**

##### **Setting**

*Landform:* Mesas  
*Down-slope shape:* Linear  
*Across-slope shape:* Linear  
*Parent material:* Interbedded residuum weathered from sandstone and shale

##### **Typical profile**

*A - 0 to 4 inches:* silt loam  
*Bt - 4 to 31 inches:* clay  
*BC - 31 to 36 inches:* clay  
*C - 36 to 50 inches:* clay  
*Cr - 50 to 60 inches:* bedrock

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

*Slope:* 25 to 65 percent  
*Depth to restrictive feature:* 50 to 80 inches to paralithic bedrock  
*Natural drainage class:* Well drained  
*Runoff class:* Very high  
*Capacity of the most limiting layer to transmit water (Ksat):* Very low to moderately low (0.00 to 0.03 in/hr)  
*Depth to water table:* More than 80 inches  
*Frequency of flooding:* None  
*Frequency of ponding:* None  
*Available water storage in profile:* Moderate (about 8.1 inches)

##### **Interpretive groups**

*Land capability classification (irrigated):* None specified  
*Land capability classification (nonirrigated):* 7e  
*Hydrologic Soil Group:* C  
*Hydric soil rating:* No

### **Minor Components**

#### **Carracas**

*Percent of map unit:* 5 percent

*Hydric soil rating:* No

#### **Rock outcrop, shale & sandstone**

*Percent of map unit:* 3 percent

*Hydric soil rating:* Unranked

#### **Winifred**

*Percent of map unit:* 2 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