

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