

Archuleta County Area, Colorado

V7-C—Sili clay loam, 3 to 6 percent slopes

Map Unit Setting

National map unit symbol: jrk9
Elevation: 6,000 to 7,200 feet
Mean annual precipitation: 13 to 16 inches
Mean annual air temperature: 45 to 50 degrees F
Frost-free period: 100 to 130 days
Farmland classification: Prime farmland if irrigated

Map Unit Composition

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

Description of Sili

Setting

Landform: Pediments
Landform position (three-dimensional): Base slope
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Slope alluvium derived from sandstone and shale

Typical profile

A - 0 to 7 inches: clay loam
Bt - 7 to 22 inches: clay loam
C - 22 to 60 inches: clay loam

Properties and qualities

Slope: 3 to 6 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 (0.06 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 to very slightly saline (0.0 to 2.0 mmhos/cm)
Available water storage in profile: High (about 10.3 inches)

Interpretive groups

Land capability classification (irrigated): 3e
Land capability classification (nonirrigated): 4e
Hydrologic Soil Group: C
Ecological site: Clayey Foothills (R036XY289CO)

Hydric soil rating: No

Minor Components

Arboles

Percent of map unit: 11 percent

Landform: Pediments

Landform position (three-dimensional): Base slope

Ecological site: Clayey Foothills (R036XY289CO)

Hydric soil rating: No

Catdraw

Percent of map unit: 2 percent

Landform: Pediments

Landform position (three-dimensional): Base slope

Ecological site: Loamy Foothills (R036XY284CO)

Hydric soil rating: No

Aquents

Percent of map unit: 1 percent

Landform: Depressions

Landform position (three-dimensional): Base slope

Ecological site: Mountain Meadow (R048AY241CO)

Hydric soil rating: Yes

Bodot

Percent of map unit: 1 percent

Landform: Hills

Landform position (three-dimensional): Crest

Ecological site: Clayey Foothills (R036XY289CO)

Hydric soil rating: No

Data Source Information

Soil Survey Area: Archuleta County Area, Colorado

Survey Area Data: Version 9, Sep 28, 2015