

## Rifle Area, Colorado, Parts of Garfield and Mesa Counties

### 17—Cochetopa loam, 9 to 50 percent slopes MLRA 48A

#### Map Unit Setting

*National map unit symbol:* 2w4zr

*Elevation:* 7,000 to 9,500 feet

*Mean annual precipitation:* 18 to 22 inches

*Mean annual air temperature:* 37 to 39 degrees F

*Frost-free period:* 45 to 75 days

*Farmland classification:* Not prime farmland

#### Map Unit Composition

*Cochetopa and similar soils:* 85 percent

*Minor components:* 15 percent

*Estimates are based on observations, descriptions, and transects of the mapunit.*

#### Description of Cochetopa

##### Setting

*Landform:* Mountain slopes

*Down-slope shape:* Linear

*Across-slope shape:* Linear

*Parent material:* Colluvium derived from volcanic and sedimentary rock

##### Typical profile

*A - 0 to 19 inches:* loam

*Bt - 19 to 44 inches:* stony clay

*BCt - 44 to 60 inches:* very stony clay

##### Properties and qualities

*Slope:* 9 to 50 percent

*Depth to restrictive feature:* More than 80 inches

*Natural drainage class:* Well drained

*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

*Salinity, maximum in profile:* Nonsaline (0.0 to 1.0 mmhos/cm)

*Available water storage in profile:* Moderate (about 8.6 inches)

##### Interpretive groups

*Land capability classification (irrigated):* None specified

*Land capability classification (nonirrigated):* 7e

*Hydrologic Soil Group:* C

*Ecological site:* Brushy Loam (R048AY238CO)

### Minor Components

#### **Jerry, stony**

*Percent of map unit:* 10 percent

*Landform:* Mountain slopes

*Down-slope shape:* Convex

*Across-slope shape:* Linear

*Ecological site:* Subalpine Loam (R048AY250CO)

#### **Lamphier**

*Percent of map unit:* 5 percent

*Landform:* Mountain slopes

*Down-slope shape:* Concave

*Across-slope shape:* Concave

*Ecological site:* Aspen Woodland (F048AY449CO)

## Data Source Information

Soil Survey Area: Rifle Area, Colorado, Parts of Garfield and Mesa Counties

Survey Area Data: Version 9, Sep 22, 2015