

Rifle Area, Colorado, Parts of Garfield and Mesa Counties

56—Potts loam, 6 to 12 percent slopes

Map Unit Setting

National map unit symbol: jnys

Elevation: 5,000 to 7,000 feet

Farmland classification: Farmland of statewide importance

Map Unit Composition

Potts and similar soils: 85 percent

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

Description of Potts

Setting

Landform: Benches, valley sides, mesas

Down-slope shape: Linear, convex

Across-slope shape: Linear, convex

Parent material: Alluvium derived from basalt and/or alluvium derived from sandstone and shale

Typical profile

H1 - 0 to 4 inches: loam

H2 - 4 to 28 inches: clay loam

H3 - 28 to 60 inches: loam

Properties and qualities

Slope: 6 to 12 percent

Depth to restrictive feature: More than 80 inches

Natural drainage class: Well drained

Runoff class: High

Capacity of the most limiting layer to transmit water (Ksat):
Moderately high (0.20 to 0.60 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Calcium carbonate, maximum in profile: 15 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): 4e

Land capability classification (nonirrigated): 4e

Hydrologic Soil Group: C

Ecological site: Rolling Loam (R048AY298CO)

Data Source Information

Soil Survey Area: Rifle Area, Colorado, Parts of Garfield and Mesa Counties
Survey Area Data: Version 8, Sep 22, 2014