

Rifle Area, Colorado, Parts of Garfield and Mesa Counties

56—Potts loam, 6 to 12 percent slopes

Map Unit Setting

Elevation: 5,000 to 7,000 feet

Map Unit Composition

Potts and similar soils: 85 percent

Description of Potts

Setting

Landform: Benches, mesas, valley sides

Down-slope shape: Linear, convex

Across-slope shape: Linear, convex

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

Properties and qualities

Slope: 6 to 12 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Well drained

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 content: 15 percent

Maximum salinity: Nonsaline (0.0 to 2.0 mmhos/cm)

Available water capacity: High (about 10.3 inches)

Interpretive groups

Farmland classification: Farmland of statewide importance

Land capability classification (irrigated): 4e

Land capability (nonirrigated): 4e

Hydrologic Soil Group: C

Ecological site: Rolling Loam (R048AY298CO)

Typical profile

0 to 4 inches: Loam

4 to 28 inches: Clay loam

28 to 60 inches: Loam

Data Source Information

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

Survey Area Data: Version 7, Dec 23, 2013