

Map Unit Description

Rifle Area, Colorado, Parts of Garfield and Mesa Counties

58 Potts-Idefonso complex, 12 to 25 percent slopes

Setting

Elevation: 5000 to 6500 feet

Composition

Potts and similar soils: 60 percent

Idefonso and similar soils: 30 percent

Description of Potts

Setting

Landform: Valley sides, alluvial fans, mesas

Down-slope shape: Convex, linear

Across-slope shape: Convex, linear

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

Properties and Qualities

Slope: 12 to 25 percent

Drainage class: Well drained

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

Frequency of flooding: None

Frequency of ponding: None

Calcium carbonate maximum: 15 percent

Gypsum maximum: 0 percent

Available water capacity: High (about 10.3 inches)

Interpretive Groups

Land capability (non irrigated): 6e

Ecological site: Rolling Loam (R048AY298CO)

Typical Profile

0 to 4 inches: loam

4 to 28 inches: clay loam

28 to 60 inches: loam

Description of Idefonso

Setting

Landform: Alluvial fans, mesas, valley sides

Down-slope shape: Convex

Across-slope shape: Convex

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

Properties and Qualities

Slope: 12 to 25 percent

Drainage class: Well drained

Capacity of the most limiting layer to transmit water (Ksat): Moderately high or high (0.60 to 6.00 in/hr)

Frequency of flooding: None

Frequency of ponding: None

Calcium carbonate maximum: 35 percent

Gypsum maximum: 0 percent

Available water capacity: Low (about 5.1 inches)

Interpretive Groups

Land capability (non irrigated): 6e

Typical Profile

0 to 8 inches: stony loam

8 to 60 inches: very stony loam