

Map Unit Description

Rifle Area, Colorado, Parts of Garfield and Mesa Counties

53 Parachute-Rhone loams, 5 to 30 percent slopes**Setting**

Elevation: 7600 to 8600 feet

Composition

Parachute and similar soils: 55 percent

Rhone and similar soils: 30 percent

Description of Parachute**Setting**

Landform: Mountainsides, ridges

Down-slope shape: Convex

Across-slope shape: Convex

Parent material: Marl and/or residuum weathered from sandstone

Properties and Qualities

Slope: 5 to 30 percent

Depth to restrictive feature: 20 to 40 inches to Paralithic bedrock

Drainage class: Well drained

Capacity of the most limiting layer to transmit water (Ksat): Moderately low or moderately high (0.06 to 0.20 in/hr)

Frequency of flooding: None

Frequency of ponding: None

Calcium carbonate maximum: 0 percent

Gypsum maximum: 0 percent

Available water capacity: Low (about 3.3 inches)

Interpretive Groups

Land capability (non irrigated): 6e

Ecological site: Mountain Loam (R048AY228CO)

Typical Profile

0 to 5 inches: loam

5 to 18 inches: loam

18 to 29 inches: extremely channery loam

29 to 33 inches: unweathered bedrock

Description of Rhone**Setting**

Landform: Mountainsides, ridges

Down-slope shape: Convex

Across-slope shape: Convex

Parent material: Marl and/or residuum weathered from sandstone

Properties and Qualities

Slope: 5 to 20 percent

Depth to restrictive feature: 40 to 60 inches to Paralithic bedrock

Drainage class: Well drained

Capacity of the most limiting layer to transmit water (Ksat): Moderately low or moderately high (0.06 to 0.20 in/hr)

Frequency of flooding: None

Frequency of ponding: None

Calcium carbonate maximum: 0 percent

Gypsum maximum: 0 percent

Available water capacity: Moderate (about 6.2 inches)

Interpretive Groups

Land capability (non irrigated): 6e

Ecological site: Mountain Loam (R048AY228CO)

Typical Profile

0 to 8 inches: loam

8 to 28 inches: sandy clay loam

28 to 52 inches: very channery sandy clay loam

52 to 56 inches: unweathered bedrock

Map Unit Description

Rifle Area, Colorado, Parts of Garfield and Mesa Counties

52 Parachute loam, 25 to 65 percent slopes

Setting

Elevation: 7500 to 8700 feet

Composition

Parachute and similar soils: 85 percent

Description of Parachute

Setting

Landform: Mountainsides

Down-slope shape: Concave

Across-slope shape: Concave

Parent material: Residuum weathered from sandstone

Properties and Qualities

Slope: 25 to 65 percent

Depth to restrictive feature: 20 to 40 inches to Paralithic bedrock

Drainage class: Well drained

Capacity of the most limiting layer to transmit water (Ksat): Moderately low or moderately high (0.06 to 0.20 in/hr)

Frequency of flooding: None

Frequency of ponding: None

Calcium carbonate maximum: 0 percent

Gypsum maximum: 0 percent

Available water capacity: Low (about 3.3 inches)

Interpretive Groups

Land capability (non irrigated): 7e

Ecological site: Brushy Loam (R048AY238CO)

Typical Profile

0 to 5 inches: loam

5 to 18 inches: loam

18 to 29 inches: extremely channery loam

29 to 33 inches: unweathered bedrock

Map Unit Description

Rifle Area, Colorado, Parts of Garfield and Mesa Counties

63 Silas loam, 3 to 12 percent slopes

Setting

Elevation: 7600 to 8300 feet

Composition

Silas and similar soils: 90 percent

Description of Silas

Setting

Landform: Valley floors

Down-slope shape: Concave

Across-slope shape: Concave

Parent material: Marl and/or alluvium derived from sandstone

Properties and Qualities

Slope: 3 to 12 percent

Drainage class: Moderately well drained

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

Depth to water table: About 48 to 72 inches

Frequency of flooding: Occasional

Frequency of ponding: None

Calcium carbonate maximum: 0 percent

Gypsum maximum: 0 percent

Available water capacity: High (about 9.6 inches)

Interpretive Groups

Land capability (non irrigated): 6e

Ecological site: Mountain Swale (R048AY245CO)

Typical Profile

0 to 14 inches: loam

14 to 60 inches: loam