

Map Unit Description

Rifle Area, Colorado, Parts of Garfield and Mesa Counties

16 Cimarron loam, 2 to 12 percent slopes

Setting

Elevation: 7500 to 9000 feet

Composition

Cimarron and similar soils: 90 percent

Description of Cimarron

Setting

Landform: Drainageways, valleys

Down-slope shape: Concave, convex

Across-slope shape: Concave, convex

Parent material: Alluvium derived from basalt

Properties and Qualities

Slope: 2 to 12 percent

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: High (about 9.9 inches)

Interpretive Groups

Land capability (non irrigated): 6e

Ecological site: Mountain Loam (R048AY228CO)

Typical Profile

0 to 4 inches: loam

4 to 16 inches: silty clay loam

16 to 60 inches: silty clay

Map Unit Description

Rifle Area, Colorado, Parts of Garfield and Mesa Counties

24 Dollard-Rock outcrop, shale, complex, 25 to 65 percent slopes

Setting

Elevation: 6000 to 7500 feet

Composition

Dollard and similar soils: 60 percent
Rock outcrop: 20 percent

Description of Dollard

Setting

Landform: Mountainsides, hills
Landform position (two-dimensional): Backslope
Down-slope shape: Concave, convex
Across-slope shape: Concave, convex
Parent material: Residuum weathered from shale

Properties and Qualities

Slope: 25 to 50 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): Very low or moderately high (0.00 to 0.20 in/hr)
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate maximum: 40 percent
Gypsum maximum: 1 percent
Available water capacity: Low (about 4.0 inches)

Interpretive Groups

Land capability (non irrigated): 7e
Ecological site: Mountain Shale (R048AY244CO)

Typical Profile

0 to 5 inches: clay
5 to 25 inches: silty clay
25 to 29 inches: weathered bedrock

Description of Rock outcrop

Setting

Landform: Hills, mountainsides
Landform position (two-dimensional): Shoulder, summit
Down-slope shape: Convex
Across-slope shape: Convex

Properties and Qualities

Slope: 25 to 65 percent
Depth to restrictive feature: 0 to 0 inches to Paralithic bedrock
Capacity of the most limiting layer to transmit water (Ksat): Very low or moderately high (0.00 to 0.20 in/hr)
Frequency of flooding: None
Available water capacity: Very low (about 0.0 inches)

Interpretive Groups

Land capability (non irrigated): 8s

Typical Profile

0 to 60 inches: unweathered bedrock