

Map Unit Description

Rio Blanco County Area, Colorado

59 Parachute-Rhone loams, 5 to 30 percent slopes

Setting

Elevation: 7600 to 8600 feet
Mean annual precipitation: 18 to 22 inches
Mean annual air temperature: 37 to 39 degrees F
Frost-free period: 45 to 75 days

Composition

Parachute and similar soils: 55 percent
Rhone and similar soils: 35 percent

Description of Parachute

Setting

Landform: Ridges, mountainsides
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Residuum weathered from sandstone

Properties and Qualities

Slope: 5 to 30 percent
Depth to restrictive feature: 20 to 40 inches to Lithic 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 5.3 inches)

Interpretive Groups

Land capability (non irrigated): 6e
Ecological site: Mountain Loam (R048AY228CO)

Typical Profile

0 to 4 inches: loam
4 to 32 inches: loam, channery loam
32 to 38 inches: very channery loam, very channery sandy loam, extremely channery sandy loam
38 to 42 inches: unweathered bedrock

Description of Rhone

Setting

Landform: Mountainsides
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Residuum weathered from sandstone and shale

Properties and Qualities

Slope: 5 to 30 percent
Depth to restrictive feature: 40 to 60 inches to Lithic 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 7.1 inches)

Interpretive Groups

Land capability (non irrigated): 6e
Ecological site: Mountain Loam (R048AY228CO)

Typical Profile

0 to 24 inches: loam
24 to 50 inches: channery sandy clay loam, very channery sandy clay loam, very channery loam

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50 to 54 inches: unweathered bedrock