

Map Unit Description

Moffat County Area, Colorado

28 Carbol-Irigul-Rock outcrop complex, 3 to 25 percent slopes, very stony

Setting

Elevation: 7500 to 8500 feet
Mean annual precipitation: 16 to 18 inches
Mean annual air temperature: 37 to 40 degrees F
Frost-free period: 50 to 75 days

Composition

Carbol and similar soils: 40 percent
Irigul and similar soils: 25 percent
Rock outcrop: 25 percent

Description of Carbol

Setting

Landform: Plateaus
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Residuum derived from sandstone

Properties and Qualities

Slope: 3 to 8 percent
Depth to restrictive feature: 10 to 20 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: Very low (about 1.9 inches)

Interpretive Groups

Land capability (non irrigated): 6e
Ecological site: Dry Exposure (R047XY235CO)

Typical Profile

0 to 2 inches: sandy loam
2 to 14 inches: gravelly sandy clay loam
14 to 18 inches: unweathered bedrock

Description of Irigul

Setting

Landform: Plateaus
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Residuum derived from sandstone

Properties and Qualities

Slope: 3 to 25 percent
Surface area covered with stones and boulders: 2.0 percent
Depth to restrictive feature: 10 to 20 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: Very low (about 1.5 inches)

Interpretive Groups

Land capability (non irrigated): 6e
Ecological site: Dry Exposure (R047XY235CO)

Typical Profile

0 to 6 inches: channery loam

Map Unit Description

Moffat County Area, Colorado

6 to 15 inches: very channery loam
15 to 19 inches: unweathered bedrock

Description of Rock outcrop

Properties and Qualities

Slope: 3 to 25 percent
Depth to restrictive feature: 0 to 0 inches to Lithic bedrock
Capacity of the most limiting layer to transmit water (Ksat): Very low (0.00 to 0.00 in/hr)
Frequency of flooding: None
Frequency of ponding: None
Available water capacity: Very low (about 0.0 inches)

Interpretive Groups

Land capability (non irrigated): 8

Typical Profile

0 to 60 inches: unweathered bedrock