

Map Unit Description

Moffat County Area, Colorado

95 Haterton-Piezon complex, 3 to 12 percent slopes

Setting

Elevation: 6100 to 7200 feet
Mean annual precipitation: 9 to 11 inches
Mean annual air temperature: 42 to 45 degrees F
Frost-free period: 75 to 95 days

Composition

Haterton and similar soils: 60 percent
Piezon and similar soils: 30 percent

Description of Haterton

Setting

Landform: Plateaus, hillslopes
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Residuum derived from siltstone and fine grained sandstone

Properties and Qualities

Slope: 3 to 12 percent
Depth to restrictive feature: 7 to 20 inches to Paralithic bedrock
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: 5 percent
Salinity maximum: Non saline or very slightly saline (2.0 to 4.0 mmhos/cm)
Sodium adsorption ratio maximum: 10.0
Available water capacity: Very low (about 2.2 inches)

Interpretive Groups

Land capability (non irrigated): 6s
Ecological site: Alkali Upland (R034XY418CO)

Typical Profile

0 to 2 inches: loam
2 to 16 inches: channery loam
16 to 20 inches: weathered bedrock

Description of Piezon

Setting

Landform: Plateaus, hillslopes
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Residuum derived from siltstone and fine grained sandstone

Properties and Qualities

Slope: 3 to 12 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 high (0.06 to 2.00 in/hr)
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate maximum: 25 percent
Gypsum maximum: 0 percent
Available water capacity: Low (about 4.0 inches)

Interpretive Groups

Land capability (non irrigated): 6c
Ecological site: Rolling Loam (R034XY298CO)

Typical Profile

0 to 2 inches: loam

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2 to 13 inches: loam
13 to 23 inches: channery loam
23 to 27 inches: weathered bedrock