

Map Unit Description

Jackson County Area, Colorado

Ab Aaberg-Barishman association

Setting

Elevation: 8200 to 8600 feet
Mean annual precipitation: 10 to 12 inches
Mean annual air temperature: 36 to 38 degrees F
Frost-free period: 35 to 45 days

Composition

Aaberg and similar soils: 70 percent
Barishman and similar soils: 25 percent

Description of Aaberg

Setting

Landform: Ridges, hills
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Weathered from coalmont shale

Properties and Qualities

Slope: 3 to 15 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: 10 percent
Gypsum maximum: 0 percent
Available water capacity: Low (about 5.3 inches)

Interpretive Groups

Land capability (non irrigated): 6c
Ecological site: Claypan (R048AY296CO)

Typical Profile

0 to 4 inches: clay
4 to 30 inches: clay, clay loam
30 to 34 inches: weathered bedrock

Description of Barishman

Setting

Landform: Hills
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Weathered from coalmont shale

Properties and Qualities

Slope: 3 to 15 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: 15 percent
Gypsum maximum: 0 percent
Available water capacity: High (about 9.1 inches)

Interpretive Groups

Land capability classification (irrigated): 6e
Land capability (non irrigated): 6c
Ecological site: Dry Mountain Loam (R048AY231CO)

Typical Profile

0 to 3 inches: loam
3 to 12 inches: very fine sandy loam
12 to 36 inches: clay

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36 to 60 inches: clay