

# 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

## Map Unit Description

Jackson County Area, Colorado

36 to 60 inches: clay