

## Jackson County Area, Colorado

### Ab—Aaberg-Barishman association

#### Map Unit Setting

*National map unit symbol:* jpyn

*Elevation:* 8,200 to 8,600 feet

*Mean annual precipitation:* 10 to 12 inches

*Mean annual air temperature:* 36 to 38 degrees F

*Frost-free period:* 35 to 45 days

*Farmland classification:* Farmland of statewide importance

#### Map Unit Composition

*Aaberg and similar soils:* 70 percent

*Barishman and similar soils:* 25 percent

*Estimates are based on observations, descriptions, and transects of the mapunit.*

#### Description of Aaberg

##### Setting

*Landform:* Ridges, hills

*Landform position (three-dimensional):* Base slope, side slope, nose slope, head slope

*Down-slope shape:* Linear

*Across-slope shape:* Linear

*Parent material:* Weathered from coalmont shale

##### Typical profile

*H1 - 0 to 4 inches:* clay

*H2 - 4 to 30 inches:* clay, clay loam

*H2 - 4 to 30 inches:* weathered bedrock

*H3 - 30 to 34 inches:*

##### Properties and qualities

*Slope:* 3 to 15 percent

*Depth to restrictive feature:* 20 to 40 inches to paralithic bedrock

*Natural drainage class:* Well drained

*Runoff class:* Very high

*Capacity of the most limiting layer to transmit water (Ksat):*

Moderately low to moderately high (0.06 to 0.20 in/hr)

*Depth to water table:* More than 80 inches

*Frequency of flooding:* None

*Frequency of ponding:* None

*Calcium carbonate, maximum in profile:* 10 percent

*Available water storage in profile:* High (about 9.9 inches)

##### Interpretive groups

*Land capability classification (irrigated):* None specified

*Land capability classification (nonirrigated):* 6c

*Hydrologic Soil Group:* D

*Ecological site:* Claypan (R048AY296CO)

*Hydric soil rating:* No

## **Description of Barishman**

### **Setting**

*Landform:* Hills

*Landform position (three-dimensional):* Head slope, nose slope, side slope, base slope

*Down-slope shape:* Linear

*Across-slope shape:* Linear

*Parent material:* Weathered from coalmont shale

### **Typical profile**

*H1 - 0 to 3 inches:* loam

*H2 - 3 to 12 inches:* very fine sandy loam

*H3 - 12 to 36 inches:* clay

*H4 - 36 to 60 inches:* clay

### **Properties and qualities**

*Slope:* 3 to 15 percent

*Depth to restrictive feature:* More than 80 inches

*Natural drainage class:* Well drained

*Runoff class:* Very high

*Capacity of the most limiting layer to transmit water (Ksat):*

Moderately low to moderately high (0.06 to 0.20 in/hr)

*Depth to water table:* More than 80 inches

*Frequency of flooding:* None

*Frequency of ponding:* None

*Calcium carbonate, maximum in profile:* 15 percent

*Available water storage in profile:* High (about 9.1 inches)

### **Interpretive groups**

*Land capability classification (irrigated):* 6e

*Land capability classification (nonirrigated):* 6c

*Hydrologic Soil Group:* C

*Ecological site:* Dry Mountain Loam (R048AY231CO)

*Hydric soil rating:* No

## **Data Source Information**

Soil Survey Area: Jackson County Area, Colorado

Survey Area Data: Version 7, Sep 22, 2014

## Jackson County Area, Colorado

### Fo—Forelle loam

#### Map Unit Setting

*National map unit symbol:* jpzh

*Elevation:* 7,900 to 8,400 feet

*Mean annual precipitation:* 14 to 16 inches

*Mean annual air temperature:* 36 to 38 degrees F

*Frost-free period:* 35 to 45 days

*Farmland classification:* Not prime farmland

#### Map Unit Composition

*Forelle and similar soils:* 90 percent

*Estimates are based on observations, descriptions, and transects of the mapunit.*

#### Description of Forelle

##### Setting

*Landform:* Alluvial fans, valleys

*Landform position (three-dimensional):* Talf

*Down-slope shape:* Linear

*Across-slope shape:* Linear

*Parent material:* Locally transported alluvium

##### Typical profile

*H1 - 0 to 4 inches:* loam

*H2 - 4 to 20 inches:* clay loam

*H3 - 20 to 31 inches:* gravelly clay loam

*H4 - 31 to 60 inches:* gravelly sandy clay loam

##### Properties and qualities

*Slope:* 1 to 5 percent

*Depth to restrictive feature:* More than 80 inches

*Natural drainage class:* Well drained

*Runoff class:* Medium

*Capacity of the most limiting layer to transmit water (Ksat):*

Moderately low to moderately high (0.06 to 0.60 in/hr)

*Depth to water table:* More than 80 inches

*Frequency of flooding:* None

*Frequency of ponding:* None

*Calcium carbonate, maximum in profile:* 15 percent

*Salinity, maximum in profile:* Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)

*Available water storage in profile:* Moderate (about 8.6 inches)

##### Interpretive groups

*Land capability classification (irrigated):* 5c

*Land capability classification (nonirrigated):* 6c

*Hydrologic Soil Group:* C

*Ecological site:* Dry Mountain Loam (R048AY231CO)

*Hydric soil rating:* No

## Data Source Information

Soil Survey Area: Jackson County Area, Colorado  
Survey Area Data: Version 7, Sep 22, 2014

Ab—Aaberg-Barishman association						
Aaberg	Claypan	800	500	300	Early sagebrush	30
					Western wheatgrass	20
					Bluebunch wheatgrass	10
					Bottlebrush squirreltail	5
Barishman	Dry Mountain Loam	1,000	750	500	Big sagebrush	30
					Streambank wheatgrass	10
					Sheep fescue	10
					Yellow rabbitbrush	10
					Pine needlegrass	10
					Muttongrass	10
					Prairie junegrass	5
					Bluebunch wheatgrass	3
					Buckwheat	3
					Bottlebrush squirreltail	2
					Spiny phlox	2

Fo—Forelle loam						
Forelle	Dry Mountain Loam	1,000	750	500	Big sagebrush	30
					Streambank wheatgrass	10
					Pine needlegrass	10
					Muttongrass	10
					Sheep fescue	10
					Yellow rabbitbrush	10
					Prairie junegrass	5
					Bluebunch wheatgrass	3
					Buckwheat	3
					Bottlebrush squirreltail	2
					Spiny phlox	2