

## Jackson County Area, Colorado

### Ca—Cabin sandy loam

#### Map Unit Setting

*National map unit symbol:* jpz2

*Elevation:* 8,200 to 9,200 feet

*Mean annual precipitation:* 15 to 16 inches

*Mean annual air temperature:* 35 to 37 degrees F

*Frost-free period:* 30 to 40 days

*Farmland classification:* Not prime farmland

#### Map Unit Composition

*Cabin and similar soils:* 90 percent

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

#### Description of Cabin

##### Setting

*Landform:* Terraces, benches

*Landform position (three-dimensional):* Tread

*Down-slope shape:* Linear

*Across-slope shape:* Linear

*Parent material:* Gravelly alluvium

##### Typical profile

*H1 - 0 to 4 inches:* sandy loam

*H2 - 4 to 17 inches:* gravelly sandy clay loam

*H3 - 17 to 26 inches:* very gravelly sandy loam

*H4 - 26 to 60 inches:* very gravelly sand

##### Properties and qualities

*Slope:* 2 to 5 percent

*Depth to restrictive feature:* More than 80 inches

*Natural drainage class:* Well drained

*Runoff class:* Low

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

Moderately high to high (0.20 to 2.00 in/hr)

*Depth to water table:* More than 80 inches

*Frequency of flooding:* None

*Frequency of ponding:* None

*Available water storage in profile:* Low (about 3.9 inches)

##### Interpretive groups

*Land capability classification (irrigated):* 5c

*Land capability classification (nonirrigated):* 6c

*Hydrologic Soil Group:* B

*Ecological site:* Dry Mountain Loam (R048AY231CO)

## Data Source Information

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

Jackson County Area, Colorado						
Map unit symbol and soil name	Ecological site	Total dry-weight production			Characteristic vegetation	Rangeland composition
		Favorable year	Normal year	Unfavorable year		
		<i>Lb/ac</i>	<i>Lb/ac</i>	<i>Lb/ac</i>		<i>Pct</i>
Ca—Cabin sandy loam						
Cabin	Dry Mountain Loam	1,000	750	500	Big sagebrush	30
					Streambank wheatgrass	10
					Pine needlegrass	10
					Yellow rabbitbrush	10
					Sheep fescue	10
					Muttongrass	10
					Prairie junegrass	5
					Buckwheat	3
					Bluebunch wheatgrass	3
					Bottlebrush squirreltail	2

## Jackson County Area, Colorado

### Te—Tealson-Rock land association

#### Map Unit Setting

*National map unit symbol:* jq0s

*Elevation:* 7,900 to 8,500 feet

*Mean annual precipitation:* 11 to 14 inches

*Mean annual air temperature:* 35 to 37 degrees F

*Frost-free period:* 30 to 35 days

*Farmland classification:* Not prime farmland

#### Map Unit Composition

*Tealson and similar soils:* 55 percent

*Rock land:* 20 percent

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

#### Description of Tealson

##### Setting

*Landform:* Ridges, hills

*Landform position (two-dimensional):* Summit

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

*Down-slope shape:* Linear

*Across-slope shape:* Linear

*Parent material:* Weathered granite

##### Typical profile

*H1 - 0 to 10 inches:* sandy loam

*H2 - 10 to 16 inches:* channery sandy loam

*H3 - 16 to 20 inches:* weathered bedrock

##### Properties and qualities

*Slope:* 2 to 30 percent

*Depth to restrictive feature:* 10 to 20 inches to paralithic bedrock

*Natural drainage class:* Well drained

*Runoff class:* High

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

Moderately high (0.20 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

*Available water storage in profile:* Very low (about 1.6 inches)

##### Interpretive groups

*Land capability classification (irrigated):* None specified

*Land capability classification (nonirrigated):* 6c

*Hydrologic Soil Group:* D

*Ecological site:* Valley Bench (R048AY278CO)

## Description of Rock Land

### Setting

*Landform:* Hills

*Landform position (two-dimensional):* Summit

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

*Down-slope shape:* Linear

*Across-slope shape:* Linear

### Typical profile

*H1 - 0 to 60 inches:* unweathered bedrock

### Properties and qualities

*Slope:* 2 to 30 percent

*Depth to restrictive feature:* 0 inches to lithic bedrock

*Runoff class:* Very high

*Capacity of the most limiting layer to transmit water (Ksat):* Very low  
(0.00 to 0.00 in/hr)

*Available water storage in profile:* Very low (about 0.0 inches)

### Interpretive groups

*Land capability classification (irrigated):* None specified

*Land capability classification (nonirrigated):* 8s

*Hydrologic Soil Group:* D

## Data Source Information

Soil Survey Area: Jackson County Area, Colorado

Survey Area Data: Version 7, Sep 22, 2014

Jackson County Area, Colorado						
					Spiny phlox	2
Te—Tealson-Rock land association						
Tealson	Valley Bench	1,000	750	500	Big sagebrush	30
					Muttongrass	10
					Prairie junegrass	10
					Pine needlegrass	10
					Streambank wheatgrass	10
					Bluebunch wheatgrass	5
					Yellow rabbitbrush	5
					Bottlebrush squirreltail	5
					Needleandthread	5
					Blue grama	5
					Buckwheat	3
					Miscellaneous annual forbs	2