

Map Unit Description

Jackson County Area, Colorado

Te Tealson-Rock land association

Setting

Elevation: 7900 to 8500 feet
Mean annual precipitation: 11 to 14 inches
Mean annual air temperature: 35 to 37 degrees F
Frost-free period: 30 to 35 days

Composition

Tealson and similar soils: 55 percent
Rock land: 20 percent

Description of Tealson

Setting

Landform: Ridges, hills
Landform position (two-dimensional): Summit
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Weathered granite

Properties and Qualities

Slope: 2 to 30 percent
Depth to restrictive feature: 10 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: 0 percent
Available water capacity: Very low (about 1.6 inches)

Interpretive Groups

Land capability (non irrigated): 6c
Ecological site: Valley Bench (R048AY278CO)

Typical Profile

0 to 10 inches: sandy loam
10 to 16 inches: channery sandy loam
16 to 20 inches: weathered bedrock

Description of Rock land

Setting

Landform: Hills
Landform position (two-dimensional): Summit
Down-slope shape: Linear
Across-slope shape: Linear

Properties and Qualities

Slope: 2 to 30 percent
Depth to restrictive feature: 0 to 0 inches to Lithic bedrock
Capacity of the most limiting layer to transmit water (Ksat): Very low (0.00 to 0.00 in/hr)
Frequency of flooding: None
Frequency of ponding: None
Available water capacity: Very low (about 0.0 inches)

Interpretive Groups

Land capability (non irrigated): 8s

Typical Profile

0 to 60 inches: unweathered bedrock

Rangeland Productivity and Plant Composition

Jackson County Area, Colorado

Map 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>
Te:						
Tealson	Valley Bench	1,000	750	500	Big sagebrush	30
					Achnatherum pinetorum	10
					Muttongrass	10
					Prairie Junegrass	10
					Streambank wheatgrass	10
					Blue grama	5
					Bluebunch wheatgrass	5
					Bottlebrush squirreltail	5
					Needleandthread	5
					Yellow rabbitbrush	5
					Buckwheat	3
					Other annual forbs	2
Rock land	---	---	---	---	---	---

Map Unit Description

Jackson County Area, Colorado

Bn Blevinton sandy loam, 8 to 20 percent slopes

Setting

Elevation: 8000 to 9500 feet
Mean annual precipitation: 16 to 20 inches
Mean annual air temperature: 36 to 38 degrees F
Frost-free period: 35 to 45 days

Composition

Blevinton and similar soils: 95 percent

Description of Blevinton

Setting

Landform: Drainageways, alluvial fans
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Alluvium and/or eolian sands

Properties and Qualities

Slope: 8 to 20 percent
Drainage class: Well drained
Capacity of the most limiting layer to transmit water (Ksat): Moderately high or high (0.60 to 6.00 in/hr)
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate maximum: 0 percent
Gypsum maximum: 0 percent
Available water capacity: Moderate (about 8.2 inches)

Interpretive Groups

Land capability (non irrigated): 6c
Ecological site: Mountain Loam (R048AY228CO)

Typical Profile

0 to 8 inches: sandy loam
8 to 60 inches: fine sandy loam

Rangeland Productivity and Plant Composition

Jackson County Area, Colorado

Map symbol and soil name	Ecological site	Total dry-weight production			Characteristic vegetation	Rangeland composition
		Favorable year	Normal year	Unfavorable year		
		Lb/Ac	Lb/Ac	Lb/Ac		Pct
Bn:						
Blevinton	Mountain Loam	1,800	1,500	1,200	Big sagebrush	25
					Idaho fescue	15
					Big bluegrass	10
					Sedge	10
					Western wheatgrass	10
					Buckwheat	5
					Nodding brome	5
					Yellow rabbitbrush	5
					Scarlet Indian paintbrush	3
					Antelope bitterbrush	2
					Lupine	2