

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)

Hydric soil rating: No

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

Hydric soil rating: No

Data Source Information

Soil Survey Area: Jackson County Area, Colorado

Survey Area Data: Version 10, Sep 13, 2019