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Map Unit Legend

Jackson County Area, Colorado (C0646)

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
Ca	Cabin sandy loam	6.5	85.3%
GeD	Gelkie sandy loam, 2 to 15 percent slopes	1.1	14.7%
Totals for Area of Interest		7.6	100.0%

Soil Map

Scale (not to scale)



Warning: Soil Map may not be valid at this scale.

You have zoomed in beyond the scale at which the soil map for this area is intended to be used. Mapping of the AOI were mapped at 1:24,000. The design of map units and the level of detail shown in the resulting map are not appropriate for this scale. Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping areas of contrasting soils that could have been shown at a more detailed scale.

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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

GeD—Gelkie sandy loam, 2 to 15 percent slopes

Map Unit Setting

National map unit symbol: jpzK
Elevation: 8,200 to 8,800 feet
Mean annual precipitation: 16 to 18 inches
Mean annual air temperature: 34 to 36 degrees F
Frost-free period: 30 to 40 days
Farmland classification: Not prime farmland

Map Unit Composition

Gelkie and similar soils: 90 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Gelkie

Setting

Landform: Terraces, outwash plains, benches
Landform position (three-dimensional): Tread
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Old alluvium and/or glacial outwash and/or reworked glacial till

Typical profile

H1 - 0 to 5 inches: sandy loam
H2 - 5 to 37 inches: sandy clay loam
H3 - 37 to 60 inches: sandy loam

Properties and qualities

Slope: 2 to 15 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 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
Calcium carbonate, maximum in profile: 15 percent
Available water storage in profile: Moderate (about 7.9 inches)

Interpretive groups

Land capability classification (irrigated): 6e
Land capability classification (nonirrigated): 6c
Hydrologic Soil Group: B

Ecological site: Mountain Loam (R048AY228CO)

Data Source Information

Soil Survey Area: Jackson County Area, Colorado

Survey Area Data: Version 7, Sep 22, 2014