

Map Unit Description

Jackson County Area, Colorado

CyF Cryorthents, steep

Setting

Elevation: 7980 to 9200 feet
Mean annual precipitation: 15 to 20 inches
Mean annual air temperature: 30 to 37 degrees F
Frost-free period: 25 to 40 days

Composition

Cryorthents and similar soils: 95 percent

Description of Cryorthents

Setting

Landform: Ridges, terraces
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Cobbly sandstone and shale

Properties and Qualities

Slope: 15 to 70 percent
Depth to restrictive feature: 5 to 40 inches to Lithic bedrock
Drainage class: Well drained
Capacity of the most limiting layer to transmit water (Ksat): Moderately low or moderately high (0.06 to 0.20 in/hr)
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate maximum: 0 percent
Gypsum maximum: 0 percent
Available water capacity: Very low (about 1.5 inches)

Interpretive Groups

Land capability (non irrigated): 7e
Ecological site: Dry Exposure (R048AY235CO)

Typical Profile

0 to 4 inches: cobbly loam
4 to 8 inches: cobbly loam
8 to 15 inches: very cobbly loam
15 to 19 inches: unweathered bedrock