

# 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