

# Map Unit Description

Douglas-Plateau Area, Colorado, Parts of Garfield and Mesa Counties

## 57 Parachute-Rhone loams, 5 to 30 percent slopes

### Setting

Elevation: 7600 to 8800 feet  
Mean annual precipitation: 18 to 22 inches  
Mean annual air temperature: 36 to 40 degrees F  
Frost-free period: 45 to 75 days

### Composition

Parachute and similar soils: 55 percent  
Rhone and similar soils: 35 percent

### Description of Parachute

#### Setting

Landform: Mountains  
Landform position (two-dimensional): Shoulder, summit  
Down-slope shape: Linear  
Across-slope shape: Convex  
Parent material: Hard residuum weathered from sandstone and siltstone

#### Properties and Qualities

Slope: 5 to 30 percent  
Depth to restrictive feature: 20 to 40 inches to Paralithic 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 2.8 inches)

#### Interpretive Groups

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

#### Typical Profile

0 to 10 inches: loam  
10 to 25 inches: very channery loam  
25 to 29 inches: unweathered bedrock

### Description of Rhone

#### Setting

Landform: Hills, mountains  
Landform position (two-dimensional): Backslope, footslope, shoulder, summit  
Down-slope shape: Concave  
Across-slope shape: Concave  
Parent material: Colluvium derived from sandstone and shale and/or residuum weathered from sandstone and shale

#### Properties and Qualities

Slope: 5 to 30 percent  
Depth to restrictive feature: 40 to 60 inches to Paralithic 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: Moderate (about 7.5 inches)

#### Interpretive Groups

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

#### Typical Profile

0 to 10 inches: loam

## Map Unit Description

Douglas-Plateau Area, Colorado, Parts of Garfield and Mesa Counties

10 to 39 inches: channery loam  
39 to 55 inches: very channery loam  
55 to 59 inches: unweathered bedrock