

## Map Unit Description

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

## 55 Parachute-Irigul complex, 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: 65 to 90 days

## Composition

Parachute and similar soils: 60 percent  
 Irigul and similar soils: 30 percent

## Description of Parachute

## Setting

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

## 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, extremely channery loam  
 25 to 29 inches: unweathered bedrock

## Description of Irigul

## Setting

Landform: Hills  
 Landform position (two-dimensional): Backslope, footslope, shoulder, summit, toeslope  
 Down-slope shape: Convex  
 Across-slope shape: Convex  
 Parent material: Residuum weathered from sandstone and shale

## Properties and Qualities

Slope: 5 to 30 percent  
 Depth to restrictive feature: 5 to 20 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 1.3 inches)

## Interpretive Groups

Land capability (non irrigated): 7e  
 Ecological site: Loamy Slopes (R048AY303CO)

## Typical Profile

0 to 6 inches: channery loam

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6 to 13 inches: very channery loam  
13 to 17 inches: unweathered bedrock

## Map Unit Description

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

## 56 Parachute-Irigul-Rhone association, 25 to 50 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: 65 to 80 days

## Composition

Parachute and similar soils: 35 percent  
 Irigul and similar soils: 30 percent  
 Rhone and similar soils: 20 percent

## Description of Parachute

## Setting

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

## Properties and Qualities

Slope: 25 to 50 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): 7e  
 Ecological site: Brushy Loam (R048AY238CO)

## Typical Profile

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

## Description of Irigul

## Setting

Landform: Hills  
 Landform position (two-dimensional): Backslope, footslope, shoulder, summit, toeslope  
 Down-slope shape: Convex  
 Across-slope shape: Convex  
 Parent material: Residuum weathered from sandstone and shale

## Properties and Qualities

Slope: 25 to 50 percent  
 Depth to restrictive feature: 5 to 20 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 1.3 inches)

## Interpretive Groups

Land capability (non irrigated): 7e  
 Ecological site: Loamy Slopes (R048AY303CO)

## Typical Profile

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0 to 6 inches: channery loam  
6 to 13 inches: very channery loam  
13 to 17 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: 25 to 50 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): 7e  
Ecological site: Brushy Loam (R048AY238CO)

#### Typical Profile

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