

# Map Unit Description

Routt Area, Colorado, Parts of Rio Blanco and Routt Counties

## ML      Arents

### Setting

Elevation: 6800 to 7600 feet  
Mean annual precipitation: 18 to 21 inches  
Mean annual air temperature: 37 to 39 degrees F

### Composition

Arents, reclaimed mined land: 100 percent

### Description of Arents, reclaimed mined land

#### Properties and Qualities

Slope: 10 to 75 percent  
Capacity of the most limiting layer to transmit water (Ksat): High or very high (6.00 to 20.00 in/hr)  
Frequency of flooding: None  
Available water capacity: Very low (about 1.2 inches)

#### Interpretive Groups

Land capability (non irrigated): 8s

#### Typical Profile

0 to 60 inches:

# Map Unit Description

Routt Area, Colorado, Parts of Rio Blanco and Routt Counties

## 66D Foidel loam, 15 to 25 percent slopes

### Setting

Elevation: 6900 to 7800 feet  
Mean annual precipitation: 19 to 25 inches  
Mean annual air temperature: 37 to 41 degrees F  
Frost-free period: 50 to 80 days

### Composition

Foidel and similar soils: 85 percent  
Minor components: 2 percent

### Description of Foidel

#### Setting

Landform: Structural benches, mountains, hills  
Parent material: Colluvium derived from sandstone and shale and/or slope alluvium derived from sandstone and shale

#### Properties and Qualities

Slope: 15 to 25 percent  
Drainage class: Well drained  
Capacity of the most limiting layer to transmit water (Ksat): Moderately high (0.20 to 0.60 in/hr)  
Frequency of flooding: None  
Frequency of ponding: None  
Calcium carbonate maximum: 0 percent  
Gypsum maximum: 0 percent  
Available water capacity: High (about 10.5 inches)

#### Interpretive Groups

Land capability (non irrigated): 6e  
Ecological site: Brushy Loam (R048AY238CO)

#### Typical Profile

0 to 10 inches: loam  
10 to 24 inches: loam  
24 to 30 inches: loam  
30 to 37 inches: clay loam  
37 to 42 inches: clay loam  
42 to 47 inches: clay loam  
47 to 60 inches: clay loam

### Minor Components

#### Aquolls soils

Percent of map unit: 2 percent  
Landform: Drainageways

# Map Unit Description

Routt Area, Colorado, Parts of Rio Blanco and Routt Counties

## **X8F Dunckley-Skyway complex, 25 to 65 percent slopes**

### **Setting**

Elevation: 7100 to 8100 feet  
Mean annual precipitation: 19 to 25 inches  
Mean annual air temperature: 37 to 39 degrees F

### **Composition**

Dunckley and similar soils: 45 percent  
Skyway and similar soils: 40 percent

### **Description of Dunckley**

#### **Setting**

Landform: Mountain slopes  
Parent material: Colluvium derived from sandstone and shale and/or slope alluvium derived from sandstone and shale

#### **Properties and Qualities**

Slope: 25 to 65 percent  
Drainage class: Well drained  
Capacity of the most limiting layer to transmit water (Ksat): Moderately high (0.20 to 0.60 in/hr)  
Frequency of flooding: None  
Calcium carbonate maximum: 0 percent  
Gypsum maximum: 0 percent  
Available water capacity: Moderate (about 7.3 inches)

#### **Interpretive Groups**

Land capability (non irrigated): 7e  
Ecological site: Brushy Loam (R048AY238CO)

#### **Typical Profile**

0 to 4 inches:  
4 to 10 inches:  
10 to 19 inches:  
19 to 29 inches:  
29 to 39 inches:  
39 to 60 inches:

### **Description of Skyway**

#### **Setting**

Landform: Mountain slopes

#### **Properties and Qualities**

Slope: 25 to 65 percent  
Depth to restrictive feature: 20 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  
Calcium carbonate maximum: 0 percent  
Gypsum maximum: 0 percent  
Available water capacity: Low (about 3.4 inches)

#### **Interpretive Groups**

Land capability (non irrigated): 7e  
Ecological site: Brushy Loam (R048AY238CO)

#### **Typical Profile**

0 to 16 inches:  
16 to 26 inches:  
26 to 30 inches:  
30 to 34 inches: