

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: