

Map Unit Description

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

76 Wrayha-Veatch-Rabbitex complex, 12 to 45 percent slopes

Setting

Elevation: 5800 to 7500 feet
Mean annual precipitation: 14 to 16 inches
Mean annual air temperature: 40 to 45 degrees F
Frost-free period: 85 to 105 days

Composition

Wrayha and similar soils: 45 percent
Veatch and similar soils: 25 percent
Rabbitex and similar soils: 20 percent

Description of Wrayha

Setting

Landform: Ridges, mountains
Landform position (two-dimensional): Backslope, footslope
Down-slope shape: Concave, linear
Across-slope shape: Convex, linear
Parent material: Wasatch formation residuum weathered from shale

Properties and Qualities

Slope: 12 to 45 percent
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: 10 percent
Gypsum maximum: 0 percent
Available water capacity: High (about 10.7 inches)

Interpretive Groups

Land capability (non irrigated): 7e
Ecological site: Pinus edulis-Juniperus osteosp (F048AY448CO)

Typical Profile

0 to 4 inches: gravelly sandy loam
4 to 28 inches: clay loam
28 to 60 inches: silty clay loam, clay

Description of Veatch

Setting

Landform: Mountains, ridges
Landform position (two-dimensional): Backslope, footslope
Down-slope shape: Concave, linear
Across-slope shape: Convex, linear
Parent material: Wasatch formation colluvium derived from sandstone and siltstone and/or wasatch formation residuum weathered from sandstone and siltstone

Properties and Qualities

Slope: 12 to 45 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
Frequency of ponding: None
Calcium carbonate maximum: 15 percent
Gypsum maximum: 0 percent
Available water capacity: Low (about 3.0 inches)

Interpretive Groups

Land capability (non irrigated): 7e
Ecological site: Pinus edulis-Juniperus osteosp (F048AY448CO)

Typical Profile

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0 to 6 inches: loam
6 to 11 inches: loam
11 to 32 inches: very channery sandy loam
32 to 36 inches: unweathered bedrock

Description of Rabbitex

Setting

Landform: Mountains, ridges
Landform position (two-dimensional): Backslope, footslope
Down-slope shape: Concave, linear
Across-slope shape: Convex, linear
Parent material: Wasatch formation colluvium derived from sandstone and siltstone and/or wasatch formation residuum weathered from sandstone and siltstone

Properties and Qualities

Slope: 12 to 45 percent
Drainage class: Well drained
Capacity of the most limiting layer to transmit water (Ksat): Moderately high or high (0.60 to 2.00 in/hr)
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate maximum: 30 percent
Gypsum maximum: 0 percent
Sodium adsorption ratio maximum: 5.0
Available water capacity: Moderate (about 7.6 inches)

Interpretive Groups

Land capability (non irrigated): 7e
Ecological site: Pinus edulis-Juniperus osteosp (F048AY448CO)

Typical Profile

0 to 7 inches: loam
7 to 15 inches: loam, sandy clay loam
15 to 60 inches: channery loam, channery sandy clay loam