

Map Unit Description

Rio Blanco County Area, Colorado

41 Havre loam, 0 to 4 percent slopes

Setting

Elevation: 5800 to 7200 feet
Mean annual precipitation: 14 to 17 inches
Mean annual air temperature: 42 to 45 degrees F
Frost-free period: 80 to 105 days

Composition

Havre and similar soils: 85 percent
Minor components: 15 percent

Description of Havre

Setting

Landform: Stream terraces, flood plains
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Calcareous alluvium

Properties and Qualities

Slope: 0 to 4 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: Rare
Frequency of ponding: None
Calcium carbonate maximum: 5 percent
Gypsum maximum: 0 percent
Available water capacity: High (about 10.0 inches)

Interpretive Groups

Land capability classification (irrigated): 2e
Land capability (non irrigated): 3e
Ecological site: Foothill Swale (R048AY285CO)

Typical Profile

0 to 21 inches: loam
21 to 60 inches: sr to fine sandy loam to clay loam

Minor Components

Other soils

Percent of map unit: 10 percent

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Percent of map unit: 5 percent
Landform: Swales

Map Unit Description

Rio Blanco County Area, Colorado

53 Moyerson stony clay loam, 15 to 65 percent slopes

Setting

Elevation: 5600 to 7300 feet
Mean annual precipitation: 13 to 16 inches
Mean annual air temperature: 42 to 45 degrees F
Frost-free period: 85 to 105 days

Composition

Moyerson and similar soils: 90 percent
Minor components: 10 percent

Description of Moyerson

Setting

Landform: Plateaus, ridges
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Residuum weathered from calcareous shale

Properties and Qualities

Slope: 15 to 65 percent
Depth to restrictive feature: 10 to 20 inches to Paralithic bedrock
Drainage class: Well drained
Capacity of the most limiting layer to transmit water (Ksat): Very low (0.00 to 0.00 in/hr)
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate maximum: 15 percent
Gypsum maximum: 3 percent
Salinity maximum: Non saline or very slightly saline (2.0 to 4.0 mmhos/cm)
Sodium adsorption ratio maximum: 10.0
Available water capacity: Very low (about 2.7 inches)

Interpretive Groups

Land capability (non irrigated): 7e
Ecological site: Clayey Slopes (R048AY246CO)

Typical Profile

0 to 2 inches: stony clay loam
2 to 17 inches: silty clay, clay, clay loam
17 to 21 inches: weathered bedrock

Minor Components

Other soils

Percent of map unit: 10 percent

Map Unit Description

Rio Blanco County Area, Colorado

61 Patent loam, 3 to 8 percent slopes

Setting

Elevation: 5800 to 6800 feet
Mean annual precipitation: 15 to 17 inches
Mean annual air temperature: 42 to 45 degrees F
Frost-free period: 85 to 105 days

Composition

Patent and similar soils: 85 percent
Minor components: 15 percent

Description of Patent

Setting

Landform: Toes, fans
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Alluvium and/or colluvium and/or thin mantle eolian deposits

Properties and Qualities

Slope: 3 to 8 percent
Drainage class: Well drained
Capacity of the most limiting layer to transmit water (Ksat): Moderately high or high (0.20 to 2.00 in/hr)
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate maximum: 10 percent
Gypsum maximum: 0 percent
Available water capacity: High (about 10.0 inches)

Interpretive Groups

Land capability (non irrigated): 3e
Ecological site: Rolling Loam (R048AY298CO)

Typical Profile

0 to 10 inches: loam
10 to 60 inches: loam, clay loam, very fine sandy loam

Minor Components

Other soils

Percent of map unit: 15 percent