

Map Unit Description

Fremont County Area, Colorado

53 Kim-Shingle complex, 3 to 20 percent slopes

Setting

Elevation: 5200 to 5600 feet
Mean annual precipitation: 13 to 14 inches
Mean annual air temperature: 50 to 52 degrees F
Frost-free period: 150 to 160 days

Composition

Kim and similar soils: 60 percent
Shingle and similar soils: 35 percent

Description of Kim

Setting

Landform: Hills, breaks
Landform position (two-dimensional): Backslope
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Loamy alluvium and/or eolian deposits

Properties and Qualities

Slope: 3 to 15 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: 10 percent
Gypsum maximum: 0 percent
Available water capacity: Moderate (about 9.0 inches)

Interpretive Groups

Land capability (non irrigated): 6e
Ecological site: Loamy Foothill (R049BY202CO)

Typical Profile

0 to 3 inches: loam
3 to 60 inches: loam, fine sandy loam

Description of Shingle

Setting

Landform: Breaks, hills
Landform position (two-dimensional): Backslope
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Slope alluvium over residuum weathered from gypsiferous shale

Properties and Qualities

Slope: 5 to 20 percent
Depth to restrictive feature: 4 to 20 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: 15 percent
Gypsum maximum: 0 percent
Available water capacity: Very low (about 1.9 inches)

Interpretive Groups

Land capability (non irrigated): 7s
Ecological site: Shaly Foothill (R049BY212CO)

Typical Profile

0 to 4 inches: loam
4 to 12 inches: loam, clay loam, sandy clay loam
12 to 16 inches: unweathered bedrock

Map Unit Description

Fremont County Area, Colorado

Deep sandy soils

Percent of map unit: percent

Travessilla

Percent of map unit: percent