

# Map Unit Description

Fremont County Area, Colorado

## 52 Kim-Cascajo complex, 2 to 15 percent slopes

### Setting

Elevation: 5000 to 6000 feet  
Mean annual precipitation: 10 to 13 inches  
Mean annual air temperature: 49 to 53 degrees F  
Frost-free period: 125 to 165 days

### Composition

Kim and similar soils: 50 percent  
Cascajo and similar soils: 35 percent

### Description of Kim

#### Setting

Landform: Fan terraces, stream terraces, fans  
Down-slope shape: Linear  
Across-slope shape: Linear  
Parent material: Sandy and gravelly alluvium

#### Properties and Qualities

Slope: 2 to 10 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: 15 percent  
Gypsum maximum: 0 percent  
Available water capacity: High (about 10.1 inches)

#### Interpretive Groups

Land capability (non irrigated): 6c  
Ecological site: Loamy Plains (R069XY006CO)

#### Typical Profile

0 to 4 inches: loam  
4 to 60 inches: loam

### Description of Cascajo

#### Setting

Landform: Fan terraces, fans, stream terraces  
Down-slope shape: Linear  
Across-slope shape: Linear

#### Properties and Qualities

Slope: 10 to 15 percent  
Drainage class: Excessively drained  
Capacity of the most limiting layer to transmit water (Ksat): High (2.00 to 6.00 in/hr)  
Frequency of flooding: None  
Frequency of ponding: None  
Calcium carbonate maximum: 40 percent  
Gypsum maximum: 0 percent  
Available water capacity: Very low (about 2.1 inches)

#### Interpretive Groups

Land capability (non irrigated): 7s  
Ecological site: Gravel Breaks (R069XY064CO)

#### Typical Profile

0 to 6 inches: very gravelly sandy loam  
6 to 21 inches: extremely cobbly sandy loam  
21 to 60 inches: extremely cobbly sand

### Midway

Percent of map unit: percent

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### Shingle

Percent of map unit: percent