

# Map Unit Description

Fremont County Area, Colorado

## 108 Shingle loam, 3 to 20 percent slopes

### Setting

Elevation: 5100 to 5600 feet  
Mean annual precipitation: 11 to 13 inches  
Mean annual air temperature: 51 to 53 degrees F  
Frost-free period: 140 to 170 days

### Composition

Shingle and similar soils: 90 percent

### Description of Shingle

#### Setting

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

#### Properties and Qualities

Slope: 3 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 2.1 inches)

#### Interpretive Groups

Land capability (non irrigated): 7s  
Ecological site: Shaly Plains (R069XY046CO)

#### Typical Profile

0 to 6 inches: loam  
6 to 13 inches: loam, clay loam, sandy clay loam  
13 to 17 inches: unweathered bedrock

### Midway

Percent of map unit: percent

### Minnequa

Percent of map unit: percent

### Shale outcrop

Percent of map unit: percent