

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