

Map Unit Description

Weld County, Colorado, Northern Part

20 Cascajo gravelly sandy loam, 5 to 20 percent slopes

Setting

Elevation: 4000 to 5000 feet
Mean annual precipitation: 11 to 13 inches
Mean annual air temperature: 52 to 54 degrees F
Frost-free period: 120 to 160 days

Composition

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

Description of Cascajo

Setting

Landform: Breaks, ridges
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Calcareous gravelly alluvium

Properties and Qualities

Slope: 5 to 20 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: 25 percent
Gypsum maximum: 0 percent
Available water capacity: Low (about 3.9 inches)

Interpretive Groups

Land capability (non irrigated): 7s
Ecological site: Gravel Breaks (R067BY063CO)

Typical Profile

0 to 3 inches: gravelly sandy loam
3 to 24 inches: very gravelly loamy sand
24 to 60 inches: very gravelly sand

Minor Components

Stoneham

Percent of map unit: 14 percent

Otero

Percent of map unit: 1 percent