

Weld County, Colorado, Northern Part

20—Cascajo gravelly sandy loam, 5 to 20 percent slopes

Map Unit Setting

Elevation: 4,000 to 5,000 feet
Mean annual precipitation: 11 to 13 inches
Mean annual air temperature: 52 to 54 degrees F
Frost-free period: 120 to 160 days

Map Unit 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
Depth to restrictive feature: More than 80 inches
Drainage class: Excessively drained
Capacity of the most limiting layer to transmit water (Ksat): High (2.00 to 6.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 25 percent
Maximum salinity: Nonsaline (0.0 to 2.0 mmhos/cm)
Available water capacity: Low (about 3.9 inches)

Interpretive groups

Farmland classification: Not prime farmland
Land capability (nonirrigated): 7s
Hydrologic Soil Group: A
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

Data Source Information

Soil Survey Area: Weld County, Colorado, Northern Part

Survey Area Data: Version 8, Apr 30, 2009