

Map Unit Description

Las Animas County Area, Colorado, Parts of Huerfano and Las Animas Counties

ToD Torreon clay loam, 3 to 9 percent slopes

Setting

Landscape: Foothills, lava plateaus
Elevation: 5000 to 7000 feet
Mean annual precipitation: 14 to 17 inches
Mean annual air temperature: 48 to 53 degrees F
Frost-free period: 120 to 150 days

Composition

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

Description of Torreon

Setting

Landform: Fans, fan remnants
Landform position (two-dimensional): Foothills, summit, toeslope
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Alluvium derived from basalt

Properties and Qualities

Slope: 3 to 9 percent
Surface area covered with stones and boulders: 2.0 percent
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: 24 percent
Gypsum maximum: 0 percent
Available water capacity: High (about 9.3 inches)

Interpretive Groups

Land capability (non irrigated): 6e
Ecological site: Clayey Foothill (R049XB208CO)
Other vegetative classification: Clayey Foothill #208 (049XY208CO_2)

Typical Profile

0 to 7 inches: clay loam
7 to 10 inches: clay
10 to 29 inches: clay
29 to 35 inches: clay
35 to 45 inches: cobbly clay loam
45 to 64 inches: cobbly clay loam

Minor Components

Capulin soils

Percent of map unit: 10 percent
Landform: Fans
Landform position (two-dimensional): Foothills
Down-slope shape: Linear
Across-slope shape: Linear
Ecological site: Basalt Loam (R070XY071CO)
Other vegetative classification: Loamy Plains #4 (049XY004CO_2)

La brier soils

Percent of map unit: 5 percent
Landform: Depressions, fans
Landform position (two-dimensional): Summit
Down-slope shape: Concave
Across-slope shape: Linear
Ecological site: Basalt Loam (R070XY071CO)
Other vegetative classification: Clayey Foothill #208 (049XY208CO_2)