

Map Unit Description

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

TsE Torreon stony clay loam, 5 to 20 percent slopes

Setting

Landscape: Foothills
Elevation: 5500 to 7000 feet
Mean annual precipitation: 15 to 17 inches
Mean annual air temperature: 49 to 53 degrees F
Frost-free period: 120 to 150 days

Composition

Torreon and similar soils: 90 percent
Minor components: 10 percent

Description of Torreon

Setting

Landform: Fans, fan remnants
Landform position (two-dimensional): Footslope, summit
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Alluvium derived from igneous and sedimentary rock

Properties and Qualities

Slope: 5 to 20 percent
Surface area covered with stones and boulders: 15.0 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: stony clay loam
7 to 11 inches: clay loam
11 to 29 inches: clay
29 to 37 inches: clay
37 to 60 inches: cobbly clay loam

Minor Components

Capulin soils

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