

# 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): Footslope, 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): Footslope  
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)