

# 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): Foothill, 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): Foothill  
Down-slope shape: Linear  
Across-slope shape: Linear  
Ecological site: Basalt Loam (R070XY071CO)  
Other vegetative classification: Loamy Plains #4 (049XY004CO\_2)