

# Map Unit Description

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

## TL Torreon-Lorencito complex, 8 to 35 percent slopes

### Setting

Landscape: Foothills  
Elevation: 6000 to 7500 feet  
Mean annual precipitation: 15 to 17 inches  
Mean annual air temperature: 46 to 53 degrees F  
Frost-free period: 120 to 140 days

### Composition

Torreon, stony, and similar soils: 55 percent  
Lorencito and similar soils: 35 percent  
Minor components: 10 percent

### Description of Torreon, stony

#### Setting

Landform: Fan remnants  
Landform position (two-dimensional): Foothlope, summit  
Down-slope shape: Linear  
Across-slope shape: Linear  
Parent material: Alluvium derived from basalt and sedimentary rock

#### Properties and Qualities

Slope: 8 to 15 percent  
Surface area covered with stones and boulders: 22.0 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

### Description of Lorencito

#### Setting

Landform: Fan remnants  
Landform position (two-dimensional): Backslope  
Down-slope shape: Linear  
Across-slope shape: Convex  
Parent material: Slope alluvium and residuum weathered from shale

#### Properties and Qualities

Slope: 10 to 35 percent  
Depth to restrictive feature: 10 to 20 inches to Paralithic bedrock  
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: 0 percent  
Gypsum maximum: 0 percent  
Sodium adsorption ratio maximum: 2.0  
Available water capacity: Very low (about 1.7 inches)

## Map Unit Description

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

### Interpretive Groups

Land capability (non irrigated): 6e

Ecological site: Shaly Foothill (R049XB212CO)

Other vegetative classification: Shaley Foothills #212 (049XY212CO\_2)

### Typical Profile

0 to 4 inches: gravelly clay loam

4 to 10 inches: clay

10 to 16 inches: bedrock

### 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)