

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): Foothill, 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): Foothlope

Down-slope shape: Linear

Across-slope shape: Linear

Ecological site: Basalt Loam (R070XY071CO)

Other vegetative classification: Loamy Plains #4 (049XY004CO_2)