

Map Unit Description

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

TgD Trujillo sandy loam, 3 to 9 percent slopes

Setting

Landscape: Foothills
Elevation: 6800 to 8000 feet
Mean annual precipitation: 17 to 22 inches
Mean annual air temperature: 43 to 46 degrees F
Frost-free period: 70 to 100 days

Composition

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

Description of Trujillo

Setting

Landform: Fans, drainageways
Landform position (two-dimensional): Footslope, toeslope
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Sandy alluvium derived from coarse sandstone

Properties and Qualities

Slope: 3 to 9 percent
Drainage class: Well drained
Capacity of the most limiting layer to transmit water (Ksat): Moderately high or high (0.60 to 2.00 in/hr)
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate maximum: 2 percent
Gypsum maximum: 0 percent
Sodium adsorption ratio maximum: 2.0
Available water capacity: Moderate (about 7.9 inches)

Interpretive Groups

Land capability classification (irrigated): 4e
Land capability (non irrigated): 4e
Ecological site: Sandy Foothill (R049XB210CO)
Other vegetative classification: Sandy Foothills #210 (049XY210CO_2)

Typical Profile

0 to 5 inches: sandy loam
5 to 8 inches: loam
8 to 19 inches: sandy clay loam
19 to 26 inches: sandy clay loam
26 to 35 inches: sandy clay loam
35 to 60 inches: sandy loam
60 to 65 inches: sandy clay loam

Minor Components

Molinaro soils

Percent of map unit: 10 percent
Landform: Fan remnants, terraces, valley floors
Landform position (two-dimensional): Footslope, toeslope
Down-slope shape: Linear
Across-slope shape: Convex
Ecological site: Loamy Foothill (R049XB202CO)
Other vegetative classification: Loamy Foothills #202 (049XY202CO_2)