

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

FuD—Bandarito clay loam, 3 to 9 percent slopes

Map Unit Setting

Elevation: 7,000 to 8,500 feet
Mean annual precipitation: 18 to 22 inches
Mean annual air temperature: 43 to 46 degrees F
Frost-free period: 70 to 100 days

Map Unit Composition

Bandarito and similar soils: 85 percent
Minor components: 2 percent

Description of Bandarito

Setting

Landform: Fan remnants, valley sides
Landform position (two-dimensional): Footslope, backslope,
toeslope
Landform position (three-dimensional): Rise
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Alluvium derived from clayey shale

Properties and qualities

Slope: 3 to 9 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Capacity of the most limiting layer to transmit water
(Ksat): Moderately low to moderately high (0.06 to 0.20 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 5 percent
Maximum salinity: Nonsaline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 2.0
Available water capacity: High (about 9.7 inches)

Interpretive groups

Land capability classification (irrigated): 4c
Land capability (nonirrigated): 4e
Ecological site: Clayey Foothill (R049XB208CO)
Other vegetative classification: Clayey Foothills #208
(049XY208CO_3)

Typical profile

0 to 3 inches: Clay loam
3 to 12 inches: Silty clay loam
12 to 18 inches: Silty clay
18 to 29 inches: Silty clay
29 to 35 inches: Clay



35 to 40 inches: Clay
40 to 56 inches: Silty clay
56 to 66 inches: Clay loam

Minor Components

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Percent of map unit: 2 percent
Landform: Drainageways
Landform position (two-dimensional): Toeslope
Landform position (three-dimensional): Dip
Down-slope shape: Linear
Across-slope shape: Linear
Ecological site: Mountain Meadow (R049XY241CO)

Data Source Information

Soil Survey Area: Las Animas County Area, Colorado, Parts of Huerfano and Las
Animas Counties
Survey Area Data: Version 11, Sep 22, 2009

