

Map Unit Description

La Plata County Area, Colorado

10 Bayfield silty clay loam, 1 to 3 percent slopes

Setting

Elevation: 6000 to 7000 feet
Mean annual precipitation: 13 to 16 inches
Mean annual air temperature: 46 to 48 degrees F
Frost-free period: 110 to 130 days

Composition

Bayfield and similar soils: 75 percent
Minor components: 1 percent

Description of Bayfield

Setting

Landform: Valleys
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Fine-textured alluvium derived from shale

Properties and Qualities

Slope: 1 to 3 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: 5 percent
Gypsum maximum: 0 percent
Available water capacity: High (about 10.9 inches)

Interpretive Groups

Land capability classification (irrigated): 3e
Land capability (non irrigated): 6e
Other vegetative classification: Clayey Foothills (048AY208CO)

Typical Profile

0 to 4 inches: silty clay loam
4 to 60 inches: silty clay, silty clay loam, clay

Minor Components

Aquents

Percent of map unit: 1 percent
Landform: Depressions