

La Plata County Area, Colorado

14—Bodot clay, 3 to 10 percent slopes

Map Unit Setting

Elevation: 6,000 to 7,000 feet
Mean annual precipitation: 14 to 17 inches
Mean annual air temperature: 47 to 50 degrees F
Frost-free period: 110 to 130 days

Map Unit Composition

Bodot and similar soils: 75 percent

Description of Bodot

Setting

Landform: Hills
Landform position (three-dimensional): Crest, side slope, base slope
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Residuum weathered from shale

Properties and qualities

Slope: 3 to 10 percent
Depth to restrictive feature: 20 to 40 inches to paralithic bedrock
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: 10 percent
Maximum salinity: Nonsaline to slightly saline (0.0 to 8.0 mmhos/cm)
Available water capacity: Very high (about 13.1 inches)

Interpretive groups

Land capability classification (irrigated): 4e
Land capability (nonirrigated): 4e
Other vegetative classification: Clayey Foothills (048AY208CO)

Typical profile

0 to 3 inches: Clay
3 to 33 inches: Clay, clay loam, silty clay loam
33 to 37 inches: Weathered bedrock

Data Source Information

Soil Survey Area: La Plata County Area, Colorado
Survey Area Data: Version 10, Mar 25, 2008