

## 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