

Map Unit Description

La Plata County Area, Colorado

14 Bodot clay, 3 to 10 percent slopes

Setting

Elevation: 6000 to 7000 feet
Mean annual precipitation: 14 to 17 inches
Mean annual air temperature: 47 to 50 degrees F
Frost-free period: 110 to 130 days

Composition

Bodot and similar soils: 75 percent

Description of Bodot

Setting

Landform: Hills
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 or moderately high (0.06 to 0.20 in/hr)
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate maximum: 10 percent
Gypsum maximum: 0 percent
Available water capacity: Low (about 4.7 inches)

Interpretive Groups

Land capability classification (irrigated): 4e
Land capability (non irrigated): 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