

Moffat County Area, Colorado

22—Bulkley silty clay, 3 to 12 percent slopes

Map Unit Setting

Elevation: 6,200 to 7,000 feet
Mean annual precipitation: 13 to 15 inches
Mean annual air temperature: 42 to 45 degrees F
Frost-free period: 75 to 95 days

Map Unit Composition

Bulkley and similar soils: 80 percent

Description of Bulkley

Setting

Landform: Hills, alluvial fans
Landform position (two-dimensional): Toeslope
Landform position (three-dimensional): Talf
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Alluvium derived from shale

Properties and qualities

Slope: 3 to 12 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.06 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 10 percent
Gypsum, maximum content: 1 percent
Maximum salinity: Nonsaline (0.0 to 2.0 mmhos/cm)
Available water capacity: High (about 9.0 inches)

Interpretive groups

Land capability (nonirrigated): 4e
Ecological site: Clayey Foothills (R034XY289CO)

Typical profile

0 to 4 inches: Silty clay
4 to 36 inches: Clay
36 to 60 inches: Silty clay

Data Source Information

Soil Survey Area: Moffat County Area, Colorado

Survey Area Data: Version 6, Feb 4, 2008