

Map Unit Description

Moffat County Area, Colorado

22 Bulkley silty clay, 3 to 12 percent slopes

Setting

Elevation: 6200 to 7000 feet
Mean annual precipitation: 13 to 15 inches
Mean annual air temperature: 42 to 45 degrees F
Frost-free period: 75 to 95 days

Composition

Bulkley and similar soils: 80 percent

Description of Bulkley

Setting

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

Properties and Qualities

Slope: 3 to 12 percent
Drainage class: Well drained
Capacity of the most limiting layer to transmit water (Ksat): Very low or moderately low (0.00 to 0.06 in/hr)
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate maximum: 10 percent
Gypsum maximum: 1 percent
Available water capacity: High (about 9.0 inches)

Interpretive Groups

Land capability (non irrigated): 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