

Map Unit Description

Rio Blanco County Area, Colorado

13 Bulkley channery silty clay loam, 5 to 30 percent slopes

Setting

Landscape: Uplands
Elevation: 6500 to 7200 feet
Mean annual precipitation: 16 to 19 inches
Mean annual air temperature: 42 to 44 degrees F
Frost-free period: 80 to 95 days

Composition

Bulkley and similar soils: 85 percent
Minor components: 15 percent

Description of Bulkley

Setting

Landform: Hillsides
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Calcareous colluvium and/or residuum weathered from clayey shale

Properties and Qualities

Slope: 5 to 30 percent
Depth to restrictive feature: 40 to 60 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: 0 percent
Gypsum maximum: 0 percent
Salinity maximum: Non saline or slightly saline (2.0 to 8.0 mmhos/cm)
Available water capacity: Moderate (about 8.1 inches)

Interpretive Groups

Land capability (non irrigated): 6e

Typical Profile

0 to 5 inches: channery silty clay loam
5 to 20 inches: silty clay, clay, silty clay loam
20 to 48 inches: clay loam, silty clay loam
48 to 52 inches: weathered bedrock

Minor Components

Other soils

Percent of map unit: 15 percent