

# 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