

Moffat County Area, Colorado

12—Berlake sandy loam, 3 to 12 percent slopes

Map Unit Setting

Elevation: 6,200 to 7,200 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

Berlake and similar soils: 85 percent

Description of Berlake

Setting

Landform: Alluvial fans, hillslopes
Landform position (three-dimensional): Talf
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Alluvium and residuum derived from sandstone

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): Moderately high to high (0.60 to 2.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Sodium adsorption ratio, maximum: 1.0
Available water capacity: Low (about 5.8 inches)

Interpretive groups

Land capability (nonirrigated): 4e
Ecological site: Sandy Foothills (R034XY310CO)

Typical profile

0 to 10 inches: Sandy loam
10 to 23 inches: Sandy clay loam
23 to 31 inches: Sandy loam
31 to 60 inches: Loamy sand

Data Source Information

Soil Survey Area: Moffat County Area, Colorado
Survey Area Data: Version 6, Feb 4, 2008