

## 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