

Map Unit Description

Moffat County Area, Colorado

12 Berlake sandy loam, 3 to 12 percent slopes

Setting

Elevation: 6200 to 7200 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

Berlake and similar soils: 85 percent

Description of Berlake

Setting

Landform: Alluvial fans, hillslopes
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Alluvium and residuum derived from sandstone

Properties and Qualities

Slope: 3 to 12 percent
Drainage class: Well drained
Capacity of the most limiting layer to transmit water (Ksat): Moderately high or high (0.60 to 2.00 in/hr)
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate maximum: 0 percent
Gypsum maximum: 0 percent
Sodium adsorption ratio maximum: 1.0
Available water capacity: Low (about 5.8 inches)

Interpretive Groups

Land capability (non irrigated): 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