

Map Unit Description

Moffat County Area, Colorado

15 Berlake-Taffom-Gretdivid complex, 10 to 20 percent slopes

Setting

Elevation: 6200 to 7300 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: 35 percent
Taffom and similar soils: 30 percent
Gretdivid and similar soils: 15 percent

Description of Berlake

Setting

Landform: Hillslopes
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Colluvium and residuum derived from sandstone

Properties and Qualities

Slope: 10 to 20 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: 5 percent
Gypsum maximum: 0 percent
Available water capacity: Moderate (about 8.7 inches)

Interpretive Groups

Land capability (non irrigated): 6e
Ecological site: Deep Loam (R034XY292CO)

Typical Profile

0 to 14 inches: coarse sandy loam
14 to 57 inches: sandy clay loam
57 to 60 inches: sandy loam

Description of Taffom

Setting

Landform: Hillslopes
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Colluvium and residuum derived from sandstone

Properties and Qualities

Slope: 10 to 20 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: 5 percent
Gypsum maximum: 0 percent
Available water capacity: Moderate (about 7.1 inches)

Interpretive Groups

Land capability (non irrigated): 6e
Ecological site: Rolling Loam (R034XY298CO)

Typical Profile

0 to 7 inches: coarse sandy loam
7 to 41 inches: sandy clay loam
41 to 60 inches: loamy sand

Map Unit Description

Moffat County Area, Colorado

Description of Gretrdivid

Setting

Landform: Hills
Landform position (two-dimensional): Summit
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Residuum derived from sandstone

Properties and Qualities

Slope: 10 to 20 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: 5 percent
Gypsum maximum: 0 percent
Available water capacity: Low (about 3.4 inches)

Interpretive Groups

Land capability (non irrigated): 6e
Ecological site: Sandy Land (R034XY330CO)

Typical Profile

0 to 3 inches: loamy coarse sand
3 to 7 inches: sandy clay loam
7 to 60 inches: coarse sand