

Moffat County Area, Colorado

2—Abor silty clay loam, 25 to 65 percent slopes

Map Unit Setting

Elevation: 6,300 to 7,000 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

Abor and similar soils: 80 percent

Description of Abor

Setting

Landform: Hillslopes
Landform position (three-dimensional): Side slope
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Residuum derived from shale

Properties and qualities

Slope: 25 to 65 percent
Depth to restrictive feature: 20 to 40 inches to paralithic bedrock
Drainage class: Well drained
Capacity of the most limiting layer to transmit water (Ksat): Very low
to moderately low (0.00 to 0.06 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 4 percent
Maximum salinity: Nonsaline (0.0 to 2.0 mmhos/cm)
Available water capacity: Low (about 5.7 inches)

Interpretive groups

Land capability (nonirrigated): 7e
Ecological site: Clayey Foothills (R034XY289CO)

Typical profile

0 to 4 inches: Silty clay loam
4 to 37 inches: Silty clay
37 to 41 inches: Weathered bedrock

Data Source Information

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

Moffat County Area, Colorado

66—Evanot loam, 1 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

Evanot and similar soils: 90 percent

Description of Evanot

Setting

Landform: Structural benches, hillslopes
Landform position (three-dimensional): Tread
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Loess

Properties and qualities

Slope: 1 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 (0.20 to 0.60 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 15 percent
Maximum salinity: Nonsaline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 5.0
Available water capacity: High (about 9.9 inches)

Interpretive groups

Land capability (nonirrigated): 4e
Ecological site: Deep Loam (R034XY292CO)

Typical profile

0 to 8 inches: Loam
8 to 20 inches: Clay loam
20 to 33 inches: Clay loam
33 to 60 inches: Loam

Data Source Information

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