

## Moffat County Area, Colorado

### 67—Evanot loam, 12 to 25 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:* 85 percent

#### Description of Evanot

##### Setting

*Landform:* Hillslopes

*Landform position (three-dimensional):* Side slope

*Down-slope shape:* Linear

*Across-slope shape:* Linear

*Parent material:* Loess

##### Properties and qualities

*Slope:* 12 to 25 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):* 6e

*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