

# Map Unit Description

Moffat County Area, Colorado

## 68 Evanot-Yamo complex, 3 to 20 percent slopes

### Setting

Elevation: 6500 to 7000 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

Evanot and similar soils: 50 percent  
Yamo and similar soils: 25 percent

### Description of Evanot

#### Setting

Landform: Hills  
Landform position (two-dimensional): Backslope  
Down-slope shape: Linear  
Across-slope shape: Linear  
Parent material: Loess

#### Properties and Qualities

Slope: 3 to 20 percent  
Drainage class: Well drained  
Capacity of the most limiting layer to transmit water (Ksat): Moderately high (0.20 to 0.60 in/hr)  
Frequency of flooding: None  
Frequency of ponding: None  
Calcium carbonate maximum: 15 percent  
Gypsum maximum: 0 percent  
Sodium adsorption ratio maximum: 5.0  
Available water capacity: High (about 9.8 inches)

#### Interpretive Groups

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

#### Typical Profile

0 to 3 inches: loam  
3 to 22 inches: clay loam  
22 to 60 inches: loam

### Description of Yamo

#### Setting

Landform: Hills  
Landform position (two-dimensional): Summit  
Down-slope shape: Linear  
Across-slope shape: Linear  
Parent material: Loess

#### Properties and Qualities

Slope: 3 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: 10 percent  
Gypsum maximum: 0 percent  
Sodium adsorption ratio maximum: 1.0  
Available water capacity: High (about 9.3 inches)

#### Interpretive Groups

Land capability (non irrigated): 6e  
Ecological site: Clayey Foothills (R034XY289CO)

#### Typical Profile

0 to 3 inches: loam

## Map Unit Description

Moffat County Area, Colorado

3 to 14 inches: loam  
14 to 60 inches: loam