

# Map Unit Description

Moffat County Area, Colorado

## 132 Milren fine sandy loam, 0 to 10 percent slopes

### Setting

Elevation: 6200 to 6900 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

Milren and similar soils: 80 percent

### Description of Milren

#### Setting

Landform: Hills  
Landform position (two-dimensional): Footslope, toeslope  
Down-slope shape: Linear  
Across-slope shape: Linear  
Parent material: Alluvium derived from shale and sandstone

#### Properties and Qualities

Slope: 0 to 10 percent  
Drainage class: Well drained  
Capacity of the most limiting layer to transmit water (Ksat): Moderately low or moderately high (0.06 to 0.20 in/hr)  
Frequency of flooding: None  
Frequency of ponding: None  
Calcium carbonate maximum: 10 percent  
Gypsum maximum: 0 percent  
Sodium adsorption ratio maximum: 5.0  
Available water capacity: High (about 10.3 inches)

#### Interpretive Groups

Land capability (non irrigated): 4e  
Ecological site: Claypan (R034XY296CO)

#### Typical Profile

0 to 6 inches: fine sandy loam  
6 to 20 inches: clay loam  
20 to 60 inches: clay loam