

# Map Unit Description

Moffat County Area, Colorado

## 50 Cushool fine sandy loam, 3 to 12 percent slopes

### Setting

Elevation: 6000 to 6800 feet  
Mean annual precipitation: 11 to 13 inches  
Mean annual air temperature: 42 to 45 degrees F  
Frost-free period: 75 to 95 days

### Composition

Cushool and similar soils: 85 percent

### Description of Cushool

#### Setting

Landform: Plateaus, hillslopes  
Down-slope shape: Linear  
Across-slope shape: Linear  
Parent material: Residuum derived from sandstone

#### Properties and Qualities

Slope: 3 to 12 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): 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  
Salinity maximum: Non saline or very slightly saline (2.0 to 4.0 mmhos/cm)  
Sodium adsorption ratio maximum: 5.0  
Available water capacity: Low (about 3.8 inches)

#### Interpretive Groups

Land capability (non irrigated): 4e  
Ecological site: Rolling Loam (R034XY298CO)

#### Typical Profile

0 to 5 inches: fine sandy loam  
5 to 14 inches: sandy clay loam  
14 to 25 inches: fine sandy loam  
25 to 29 inches: unweathered bedrock