

# Map Unit Description

Douglas-Plateau Area, Colorado, Parts of Garfield and Mesa Counties

## 5 Battlement loam, 1 to 8 percent slopes

### Setting

Elevation: 5800 to 7200 feet  
Mean annual precipitation: 12 to 16 inches  
Mean annual air temperature: 42 to 46 degrees F  
Frost-free period: 80 to 105 days

### Composition

Battlement and similar soils: 90 percent

### Description of Battlement

#### Setting

Landform: Valley floors, streams, flood plains  
Down-slope shape: Linear  
Across-slope shape: Linear  
Parent material: Rock alluvium derived from sedimentary rock

#### Properties and Qualities

Slope: 1 to 8 percent  
Drainage class: Well drained  
Capacity of the most limiting layer to transmit water (Ksat): Moderately high or high (0.57 to 1.98 in/hr)  
Frequency of flooding: Rare  
Frequency of ponding: None  
Calcium carbonate maximum: 10 percent  
Gypsum maximum: 2 percent  
Available water capacity: High (about 10.6 inches)

#### Interpretive Groups

Land capability classification (irrigated): 4e  
Land capability (non irrigated): 4e  
Ecological site: Foothill Swale (R034XY285CO)

#### Typical Profile

0 to 6 inches: loam  
6 to 45 inches: stratified sandy loam to silty clay loam  
45 to 60 inches: stratified sandy loam to loam