

# Map Unit Description

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

## 6 Battlement loam, saline, 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, saline, and similar soils: 90 percent

### Description of Battlement, saline

#### Setting

Landform: Valley floors, streams, flood plains  
Down-slope shape: Linear  
Across-slope shape: Linear  
Parent material: Alluvium derived from siltstone and/or alluvium derived from limestone, sandstone, and shale

#### 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 (0.20 to 1.98 in/hr)  
Frequency of flooding: Rare  
Frequency of ponding: None  
Calcium carbonate maximum: 10 percent  
Gypsum maximum: 0 percent  
Salinity maximum: Very slightly saline or slightly saline (4.0 to 8.0 mmhos/cm)  
Available water capacity: Moderate (about 8.8 inches)

#### Interpretive Groups

Land capability classification (irrigated): 4s  
Land capability (non irrigated): 6s  
Ecological site: Salt Meadow (R034XY266CO)

#### Typical Profile

0 to 6 inches: loam  
6 to 15 inches: fine sandy loam  
15 to 60 inches: stratified sandy loam to silty clay loam