

# Map Unit Description

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

## 12 Bunkwater very fine sandy loam, 1 to 8 percent slopes

### Setting

Elevation: 5000 to 6000 feet  
Mean annual precipitation: 10 to 12 inches  
Mean annual air temperature: 46 to 52 degrees F  
Frost-free period: 100 to 150 days

### Composition

Bunkwater and similar soils: 85 percent

### Description of Bunkwater

#### Setting

Landform: Structural benches  
Down-slope shape: Linear  
Across-slope shape: Linear  
Parent material: Mixed material eolian deposits

#### Properties and Qualities

Slope: 1 to 8 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: 1 percent  
Salinity maximum: Very slightly saline or slightly saline (4.0 to 8.0 mmhos/cm)  
Sodium adsorption ratio maximum: 75.0  
Available water capacity: High (about 9.6 inches)

#### Interpretive Groups

Land capability (non irrigated): 7s  
Ecological site: Alkaline Slopes (R034XY297CO)

#### Typical Profile

0 to 2 inches: very fine sandy loam  
2 to 13 inches: clay loam, sandy clay loam  
13 to 33 inches: clay loam, sandy clay loam  
33 to 60 inches: clay loam, silty clay loam