

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