

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

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

Map Unit Setting

National map unit symbol: jntn
Elevation: 5,000 to 6,000 feet
Mean annual precipitation: 10 to 12 inches
Mean annual air temperature: 46 to 52 degrees F
Frost-free period: 100 to 150 days
Farmland classification: Not prime farmland

Map Unit Composition

Bunkwater and similar soils: 85 percent
Minor components: 15 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Bunkwater

Setting

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

Typical profile

H1 - 0 to 2 inches: very fine sandy loam
H2 - 2 to 13 inches: clay loam, sandy clay loam
H2 - 2 to 13 inches: clay loam, sandy clay loam
H3 - 13 to 33 inches: clay loam, silty clay loam
H3 - 13 to 33 inches:
H4 - 33 to 60 inches:
H4 - 33 to 60 inches:

Properties and qualities

Slope: 1 to 8 percent
Depth to restrictive feature: More than 80 inches
Natural drainage class: Well drained
Runoff class: High
Capacity of the most limiting layer to transmit water (Ksat):
Moderately high (0.20 to 0.60 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum in profile: 15 percent
Gypsum, maximum in profile: 1 percent
Salinity, maximum in profile: Slightly saline to moderately saline (4.0 to 8.0 mmhos/cm)
Sodium adsorption ratio, maximum in profile: 75.0

Available water storage in profile: Very high (about 18.8 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 7s

Hydrologic Soil Group: C

Ecological site: Alkaline Slopes (R034XY297CO)

Minor Components

Other soils

Percent of map unit: 15 percent

Data Source Information

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

Survey Area Data: Version 8, Sep 22, 2015