

## Weld County, Colorado, Northern Part

### 12—Bankard loamy fine sand, 0 to 3 percent slopes

#### Map Unit Setting

*National map unit symbol:* 35yt

*Elevation:* 2,500 to 4,500 feet

*Mean annual precipitation:* 10 to 17 inches

*Mean annual air temperature:* 48 to 52 degrees F

*Frost-free period:* 110 to 160 days

*Farmland classification:* Not prime farmland

#### Map Unit Composition

*Bankard and similar soils:* 85 percent

*Minor components:* 15 percent

*Estimates are based on observations, descriptions, and transects of the mapunit.*

#### Description of Bankard

##### Setting

*Landform:* Flood plains

*Down-slope shape:* Linear

*Across-slope shape:* Linear

*Parent material:* Stratified, calcareous sandy alluvium

##### Typical profile

*H1 - 0 to 6 inches:* loamy fine sand

*H2 - 6 to 34 inches:* loamy sand

*H3 - 34 to 60 inches:* very gravelly sand

*H4 - 60 to 64 inches:* stratified loamy sand to sandy loam

##### Properties and qualities

*Slope:* 0 to 3 percent

*Depth to restrictive feature:* More than 80 inches

*Natural drainage class:* Somewhat excessively drained

*Runoff class:* Very low

*Capacity of the most limiting layer to transmit water (Ksat):* High to very high (5.95 to 19.98 in/hr)

*Depth to water table:* More than 80 inches

*Frequency of flooding:* Frequent

*Frequency of ponding:* None

*Calcium carbonate, maximum in profile:* 10 percent

*Salinity, maximum in profile:* Nonsaline (0.0 to 2.0 mmhos/cm)

*Available water storage in profile:* Low (about 4.1 inches)

##### Interpretive groups

*Land capability classification (irrigated):* None specified

*Land capability classification (nonirrigated):* 6w

*Hydrologic Soil Group:* A

*Ecological site:* Sandy bottomland (R067BY031CO)

### **Minor Components**

#### **Torrifluvents**

*Percent of map unit:* 15 percent

## **Data Source Information**

Soil Survey Area: Weld County, Colorado, Northern Part

Survey Area Data: Version 9, Dec 23, 2013