

## Cheyenne County, Colorado

### 15—Glenberg-Bankard complex, 0 to 1 percent slopes

#### Map Unit Setting

*National map unit symbol:* 3540

*Elevation:* 2,500 to 5,900 feet

*Mean annual precipitation:* 10 to 15 inches

*Mean annual air temperature:* 48 to 54 degrees F

*Frost-free period:* 110 to 180 days

*Farmland classification:* Not prime farmland

#### Map Unit Composition

*Glenberg and similar soils:* 65 percent

*Bankard and similar soils:* 25 percent

*Minor components:* 10 percent

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

#### Description of Glenberg

##### Setting

*Landform:* Flood plains

*Down-slope shape:* Linear

*Across-slope shape:* Linear

*Parent material:* Alluvium

##### Typical profile

*A - 0 to 10 inches:* sandy loam

*C - 10 to 60 inches:* stratified loamy sand to clay loam

##### Properties and qualities

*Slope:* 0 to 1 percent

*Depth to restrictive feature:* More than 80 inches

*Natural drainage class:* Well drained

*Runoff class:* Very low

*Capacity of the most limiting layer to transmit water (Ksat):* High (2.00 to 6.00 in/hr)

*Depth to water table:* More than 80 inches

*Frequency of flooding:* Rare

*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:* Moderate (about 6.1 inches)

##### Interpretive groups

*Land capability classification (irrigated):* 1

*Land capability classification (nonirrigated):* 4c

*Hydrologic Soil Group:* B

*Ecological site:* Sandy bottomland (R067BY031CO)

## Description of Bankard

### Setting

*Landform:* Flood plains  
*Down-slope shape:* Linear  
*Across-slope shape:* Linear  
*Parent material:* Alluvium

### Typical profile

*A - 0 to 10 inches:* loamy sand  
*C - 10 to 60 inches:* stratified sand to loamy fine sand

### Properties and qualities

*Slope:* 0 to 1 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:* Occasional  
*Frequency of ponding:* None  
*Calcium carbonate, maximum in profile:* 5 percent  
*Salinity, maximum in profile:* Nonsaline (0.0 to 2.0 mmhos/cm)  
*Sodium adsorption ratio, maximum in profile:* 5.0  
*Available water storage in profile:* Moderate (about 6.2 inches)

### Interpretive groups

*Land capability classification (irrigated):* 4w  
*Land capability classification (nonirrigated):* 6w  
*Hydrologic Soil Group:* A  
*Ecological site:* Sandy bottomland (R067BY031CO)

## Minor Components

### Other soils

*Percent of map unit:* 5 percent

### Haverson

*Percent of map unit:* 5 percent

## Data Source Information

Soil Survey Area: Cheyenne County, Colorado  
Survey Area Data: Version 13, Dec 23, 2013