

## Cheyenne County, Colorado

### 17—Haverson loam, 0 to 1 percent slopes

#### Map Unit Setting

*National map unit symbol:* 3542

*Elevation:* 3,500 to 6,000 feet

*Mean annual precipitation:* 12 to 17 inches

*Mean annual air temperature:* 46 to 54 degrees F

*Frost-free period:* 125 to 180 days

*Farmland classification:* Prime farmland if irrigated and either protected from flooding or not frequently flooded during the growing season

#### Map Unit Composition

*Haverson and similar soils:* 80 percent

*Minor components:* 20 percent

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

#### Description of Haverson

##### Setting

*Landform:* Flood plains

*Down-slope shape:* Linear

*Across-slope shape:* Linear

*Parent material:* Alluvium

##### Typical profile

*A - 0 to 14 inches:* loam

*C - 14 to 60 inches:* stratified 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:* Low

*Capacity of the most limiting layer to transmit water (Ksat):*

Moderately high to high (0.60 to 2.00 in/hr)

*Depth to water table:* More than 80 inches

*Frequency of flooding:* Occasional

*Frequency of ponding:* None

*Calcium carbonate, maximum in profile:* 15 percent

*Gypsum, maximum in profile:* 1 percent

*Salinity, maximum in profile:* Nonsaline to moderately saline (0.0 to 8.0 mmhos/cm)

*Available water storage in profile:* High (about 9.6 inches)

##### Interpretive groups

*Land capability classification (irrigated):* 2w

*Land capability classification (nonirrigated):* 4w

*Hydrologic Soil Group:* B

*Ecological site:* Sandy Bottomland (R067BY031CO)

### **Minor Components**

#### **Glenberg**

*Percent of map unit:* 10 percent

#### **Bankard**

*Percent of map unit:* 10 percent

## **Data Source Information**

Soil Survey Area: Cheyenne County, Colorado

Survey Area Data: Version 16, Oct 3, 2014