

## Lincoln County, Colorado

### 134—Haverson loam, 0 to 3 percent slopes, rarely flooded

#### Map Unit Setting

*National map unit symbol:* 3jh1  
*Elevation:* 4,400 to 6,000 feet  
*Mean annual precipitation:* 11 to 16 inches  
*Mean annual air temperature:* 46 to 52 degrees F  
*Frost-free period:* 135 to 155 days  
*Farmland classification:* Not prime farmland

#### Map Unit Composition

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

#### Description of Haverson, Rarely Flooded

##### Setting

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

##### Typical profile

*A1 - 0 to 5 inches:* loam  
*A2 - 5 to 15 inches:* clay loam  
*C - 15 to 60 inches:* clay loam

##### Properties and qualities

*Slope:* 0 to 3 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 (0.20 to 0.60 in/hr)  
*Depth to water table:* More than 80 inches  
*Frequency of flooding:* Rare  
*Frequency of ponding:* None  
*Calcium carbonate, maximum in profile:* 15 percent  
*Gypsum, maximum in profile:* 2 percent  
*Salinity, maximum in profile:* Slightly saline to moderately saline (4.0 to 8.0 mmhos/cm)  
*Sodium adsorption ratio, maximum in profile:* 5.0  
*Available water storage in profile:* High (about 9.8 inches)

##### Interpretive groups

*Land capability classification (irrigated):* None specified  
*Land capability classification (nonirrigated):* 3e  
*Hydrologic Soil Group:* C

*Ecological site:* Overflow (R067BY036CO)

#### **Minor Components**

##### **Bankard**

*Percent of map unit:* 5 percent

*Landform:* Flood plains

*Other vegetative classification:* Sandy Bottomland (67XY031CO)

##### **Glenberg**

*Percent of map unit:* 5 percent

*Landform:* Flood plains

*Other vegetative classification:* Sandy Bottomland (67XY031CO)

##### **Arvada**

*Percent of map unit:* 3 percent

*Landform:* Drainageways, fans

*Other vegetative classification:* Salt Flat (069AY033CO\_1)

##### **Sampson**

*Percent of map unit:* 2 percent

*Landform:* Flood plains

*Ecological site:* Overflow Central/South - Draft (R067XY036CO)

## **Data Source Information**

Soil Survey Area: Lincoln County, Colorado

Survey Area Data: Version 12, Sep 23, 2014