

# Map Unit Description

Weld County, Colorado, Northern Part

## 29 Haverson loam, 0 to 3 percent slopes

### Setting

Elevation: 3500 to 6000 feet  
Mean annual precipitation: 12 to 17 inches  
Mean annual air temperature: 46 to 54 degrees F  
Frost-free period: 125 to 180 days

### Composition

Haverson and similar soils: 90 percent  
Minor components: 10 percent

### Description of Haverson

#### Setting

Landform: Stream terraces, flood plains  
Down-slope shape: Linear  
Across-slope shape: Linear  
Parent material: Stratified, calcareous loamy alluvium

#### Properties and Qualities

Slope: 0 to 3 percent  
Drainage class: Well drained  
Capacity of the most limiting layer to transmit water (Ksat): Moderately high or high (0.57 to 2.00 in/hr)  
Frequency of flooding: None  
Frequency of ponding: None  
Calcium carbonate maximum: 15 percent  
Gypsum maximum: 1 percent  
Available water capacity: High (about 9.6 inches)

#### Interpretive Groups

Land capability (non irrigated): 4c  
Ecological site: Overflow (R067BY036CO)  
Other vegetative classification: OVERFLOW (067BY036CO)

#### Typical Profile

0 to 12 inches: loam  
12 to 60 inches: stratified sandy loam to loam

### Minor Components

#### Nunn

Percent of map unit: 6 percent

#### Fluvaquentic haplustolls

Percent of map unit: 4 percent  
Landform: Terraces