

# Map Unit Description

Larimer County Area, Colorado

## 64 Loveland clay loam, 0 to 1 percent slopes

### Setting

Elevation: 4800 to 5500 feet  
Mean annual precipitation: 13 to 15 inches  
Mean annual air temperature: 48 to 50 degrees F  
Frost-free period: 135 to 150 days

### Composition

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

### Description of Loveland

#### Setting

Landform: Flood plains, stream terraces  
Down-slope shape: Linear  
Across-slope shape: Linear  
Parent material: Alluvium

#### Properties and Qualities

Slope: 0 to 1 percent  
Drainage class: Poorly drained  
Capacity of the most limiting layer to transmit water (Ksat): Moderately high (0.20 to 0.60 in/hr)  
Depth to water table: About 18 to 36 inches  
Frequency of flooding: Occasional  
Frequency of ponding: None  
Calcium carbonate maximum: 15 percent  
Gypsum maximum: 0 percent  
Salinity maximum: Non saline or very slightly saline (2.0 to 4.0 mmhos/cm)  
Available water capacity: Moderate (about 7.5 inches)

#### Interpretive Groups

Land capability classification (irrigated): 3w  
Land capability (non irrigated): 3w

#### Typical Profile

0 to 15 inches: clay loam  
15 to 32 inches: clay loam, silty clay loam, loam  
32 to 60 inches: very gravelly sand, gravelly sand, gravelly coarse sand

### Minor Components

#### Poudre

Percent of map unit: 5 percent

#### Aquolls

Percent of map unit: 5 percent  
Landform: Swales