

## Crowley County, Colorado

### LoB—Limon clay, alkali, 1 to 3 percent slopes

#### Map Unit Setting

*National map unit symbol:* 3568  
*Elevation:* 3,000 to 6,000 feet  
*Mean annual precipitation:* 11 to 14 inches  
*Mean annual air temperature:* 52 to 54 degrees F  
*Frost-free period:* 120 to 160 days  
*Farmland classification:* Not prime farmland

#### Map Unit Composition

*Limon, alkali, occasionally flooded, and similar soils:* 90 percent  
*Minor components:* 10 percent  
*Estimates are based on observations, descriptions, and transects of the mapunit.*

#### Description of Limon, Alkali, Occasionally Flooded

##### Setting

*Landform:* Terraces, plains  
*Landform position (three-dimensional):* Tread, talf  
*Down-slope shape:* Linear  
*Across-slope shape:* Linear  
*Parent material:* Saline-alkali clayey alluvium derived from shale

##### Typical profile

*A - 0 to 24 inches:* clay  
*C - 24 to 60 inches:* silty clay

##### Properties and qualities

*Slope:* 1 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 low to moderately high (0.06 to 0.20 in/hr)  
*Depth to water table:* More than 80 inches  
*Frequency of flooding:* Occasional  
*Frequency of ponding:* None  
*Calcium carbonate, maximum in profile:* 10 percent  
*Gypsum, maximum in profile:* 2 percent  
*Salinity, maximum in profile:* Very slightly saline to moderately saline  
(2.0 to 8.0 mmhos/cm)  
*Sodium adsorption ratio, maximum in profile:* 10.0  
*Available water storage in profile:* High (about 9.7 inches)

##### Interpretive groups

*Land capability classification (irrigated):* 3e  
*Land capability classification (nonirrigated):* 6s  
*Hydrologic Soil Group:* C

*Ecological site:* Salt Flat (R069XY033CO)

*Hydric soil rating:* No

### **Minor Components**

#### **Other soils**

*Percent of map unit:* 10 percent

*Hydric soil rating:* No

## **Data Source Information**

Soil Survey Area: Crowley County, Colorado

Survey Area Data: Version 13, Sep 22, 2015