

## Weld County, Colorado, Southern Part

### 62—Terry fine sandy loam, 0 to 3 percent slopes

#### Map Unit Setting

*National map unit symbol:* 363d

*Elevation:* 4,500 to 5,000 feet

*Mean annual precipitation:* 13 to 15 inches

*Mean annual air temperature:* 46 to 48 degrees F

*Frost-free period:* 120 to 180 days

*Farmland classification:* Not prime farmland

#### Map Unit Composition

*Terry and similar soils:* 85 percent

*Minor components:* 15 percent

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

#### Description of Terry

##### Setting

*Landform:* Plains

*Down-slope shape:* Linear

*Across-slope shape:* Linear

*Parent material:* Residuum weathered from sandstone

##### Typical profile

*H1 - 0 to 6 inches:* fine sandy loam

*H2 - 6 to 18 inches:* fine sandy loam

*H3 - 18 to 37 inches:* fine sandy loam

*H4 - 37 to 41 inches:* weathered bedrock

##### Properties and qualities

*Slope:* 0 to 3 percent

*Depth to restrictive feature:* 20 to 40 inches to paralithic bedrock

*Natural drainage class:* Well drained

*Runoff class:* Low

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

Moderately low to high (0.06 to 2.00 in/hr)

*Depth to water table:* More than 80 inches

*Frequency of flooding:* None

*Frequency of ponding:* None

*Calcium carbonate, maximum in profile:* 15 percent

*Salinity, maximum in profile:* Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)

*Available water storage in profile:* Low (about 4.4 inches)

##### Interpretive groups

*Land capability classification (irrigated):* 4s

*Land capability classification (nonirrigated):* 4e

*Hydrologic Soil Group:* B

*Ecological site:* Sandy Plains (R067BY024CO)

*Hydric soil rating:* No

#### **Minor Components**

##### **Olney**

*Percent of map unit:* 11 percent

*Hydric soil rating:* No

##### **Tassel**

*Percent of map unit:* 4 percent

*Hydric soil rating:* No

### **Data Source Information**

Soil Survey Area: Weld County, Colorado, Southern Part

Survey Area Data: Version 14, Sep 22, 2015