

## Weld County, Colorado, Southern Part

### 61—Tassel fine sandy loam, 5 to 20 percent slopes

#### Map Unit Setting

*National map unit symbol:* 363c

*Elevation:* 4,850 to 5,200 feet

*Mean annual precipitation:* 12 to 19 inches

*Mean annual air temperature:* 46 to 52 degrees F

*Frost-free period:* 110 to 165 days

*Farmland classification:* Not prime farmland

#### Map Unit Composition

*Tassel and similar soils:* 85 percent

*Minor components:* 15 percent

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

#### Description of Tassel

##### Setting

*Landform:* Breaks

*Down-slope shape:* Linear

*Across-slope shape:* Linear

*Parent material:* Residuum weathered from sandstone

##### Typical profile

*H1 - 0 to 11 inches:* fine sandy loam

*H2 - 11 to 15 inches:* very fine sandy loam

*H3 - 15 to 20 inches:* weathered bedrock

##### Properties and qualities

*Slope:* 5 to 20 percent

*Depth to restrictive feature:* 10 to 20 inches to paralithic bedrock

*Natural drainage class:* Well drained

*Runoff class:* Medium

*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:* None

*Frequency of ponding:* None

*Calcium carbonate, maximum in profile:* 10 percent

*Available water storage in profile:* Very low (about 2.0 inches)

##### Interpretive groups

*Land capability classification (irrigated):* 6e

*Land capability classification (nonirrigated):* 6e

*Hydrologic Soil Group:* D

*Ecological site:* Sandstone Breaks (R067BY056CO)

*Hydric soil rating:* No

### **Minor Components**

#### **Otero**

*Percent of map unit:* 8 percent

*Hydric soil rating:* No

#### **Terry**

*Percent of map unit:* 7 percent

*Hydric soil rating:* No

## **Data Source Information**

Soil Survey Area: Weld County, Colorado, Southern Part

Survey Area Data: Version 16, Oct 10, 2017