

## Weld County, Colorado, Northern Part

### 65—Terry sandy loam, 3 to 9 percent slopes

#### Map Unit Setting

*National map unit symbol:* 360p

*Elevation:* 4,000 to 6,500 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:* Calcareous sandy residuum weathered from sandstone

##### Typical profile

*H1 - 0 to 5 inches:* sandy loam

*H2 - 5 to 17 inches:* fine sandy loam, sandy loam

*H2 - 5 to 17 inches:* fine sandy loam, sandy loam, gravelly sandy loam

*H3 - 17 to 32 inches:* weathered bedrock

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*H4 - 32 to 36 inches:*

##### Properties and qualities

*Slope:* 3 to 9 percent

*Depth to restrictive feature:* 20 to 40 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 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:* Moderate (about 8.4 inches)

**Interpretive groups**

*Land capability classification (irrigated):* None specified

*Land capability classification (nonirrigated):* 6e

*Hydrologic Soil Group:* B

*Ecological site:* Sandy Plains (R067BY024CO)

*Hydric soil rating:* No

**Minor Components**

**Tassel**

*Percent of map unit:* 5 percent

*Hydric soil rating:* No

**Olney**

*Percent of map unit:* 4 percent

*Hydric soil rating:* No

**Renohill**

*Percent of map unit:* 3 percent

*Hydric soil rating:* No

**Vona**

*Percent of map unit:* 3 percent

*Hydric soil rating:* No

**Data Source Information**

Soil Survey Area: Weld County, Colorado, Northern Part

Survey Area Data: Version 12, Oct 10, 2017