

## Arapahoe County, Colorado

### BvC—Bresser-Truckton sandy loams, 3 to 5 percent slopes

#### Map Unit Setting

*National map unit symbol:* 34y5

*Elevation:* 4,500 to 6,800 feet

*Mean annual precipitation:* 12 to 18 inches

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

*Frost-free period:* 125 to 180 days

*Farmland classification:* Prime farmland if irrigated and the product of  
I (soil erodibility) x C (climate factor) does not exceed 60

#### Map Unit Composition

*Bresser and similar soils:* 55 percent

*Truckton and similar soils:* 30 percent

*Minor components:* 15 percent

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

#### Description of Bresser

##### Setting

*Landform:* Playas, drainageways, stream terraces

*Landform position (three-dimensional):* Tread

*Down-slope shape:* Linear

*Across-slope shape:* Linear

*Parent material:* Noncalcareous sandy alluvium and/or  
noncalcareous sandy eolian deposits

##### Typical profile

*H1 - 0 to 6 inches:* sandy loam

*H2 - 6 to 26 inches:* sandy clay loam, clay loam

*H2 - 6 to 26 inches:* sandy loam, coarse sandy loam, gravelly  
sandy loam

*H3 - 26 to 32 inches:* loamy coarse sand, gravelly loamy sand

*H3 - 26 to 32 inches:*

*H3 - 26 to 32 inches:*

*H4 - 32 to 60 inches:*

*H4 - 32 to 60 inches:*

##### Properties and qualities

*Slope:* 3 to 5 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 high to high (0.57 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:* 10 percent

*Available water storage in profile:* Very high (about 13.5 inches)

**Interpretive groups**

*Land capability classification (irrigated):* 3e

*Land capability classification (nonirrigated):* 4e

*Hydrologic Soil Group:* B

*Ecological site:* Sandy Foothill (R049BY210CO)

*Hydric soil rating:* No

**Description of Truckton**

**Setting**

*Landform:* Ridges

*Down-slope shape:* Linear

*Across-slope shape:* Linear

*Parent material:* Eolian deposits

**Typical profile**

*H1 - 0 to 5 inches:* sandy loam

*H2 - 5 to 20 inches:* sandy loam

*H3 - 20 to 60 inches:* sandy loam, loamy sand, loamy coarse sand

*H3 - 20 to 60 inches:*

*H3 - 20 to 60 inches:*

**Properties and qualities**

*Slope:* 3 to 5 percent

*Depth to restrictive feature:* More than 80 inches

*Natural drainage class:* Well drained

*Runoff class:* Very low

*Capacity of the most limiting layer to transmit water (Ksat):* High  
(1.98 to 6.00 in/hr)

*Depth to water table:* More than 80 inches

*Frequency of flooding:* None

*Frequency of ponding:* None

*Available water storage in profile:* Very high (about 13.1 inches)

**Interpretive groups**

*Land capability classification (irrigated):* 3e

*Land capability classification (nonirrigated):* 4e

*Hydrologic Soil Group:* A

*Ecological site:* Sandy Foothill (R049BY210CO)

*Hydric soil rating:* No

**Minor Components**

**Nunn**

*Percent of map unit:* 8 percent

*Hydric soil rating:* No

**Ascalon**

*Percent of map unit:* 7 percent

*Hydric soil rating:* No

## Data Source Information

Soil Survey Area: Arapahoe County, Colorado  
Survey Area Data: Version 12, Sep 22, 2016