

# Map Unit Description

Arapahoe County, Colorado

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

### **Setting**

Landscape: Uplands  
Elevation: 4500 to 6800 feet  
Mean annual precipitation: 12 to 18 inches  
Mean annual air temperature: 46 to 52 degrees F  
Frost-free period: 125 to 180 days

### **Composition**

Bresser and similar soils: 55 percent  
Truckton and similar soils: 30 percent  
Minor components: 15 percent

### **Description of Bresser**

#### **Setting**

Landform: Playas, drainageways, stream terraces  
Down-slope shape: Linear  
Across-slope shape: Linear  
Parent material: Noncalcareous sandy alluvium and/or noncalcareous sandy eolian deposits

#### **Properties and Qualities**

Slope: 3 to 5 percent  
Drainage class: Well drained  
Capacity of the most limiting layer to transmit water (Ksat): Moderately high or high (0.57 to 2.00 in/hr)  
Frequency of flooding: None  
Frequency of ponding: None  
Calcium carbonate maximum: 10 percent  
Gypsum maximum: 0 percent  
Available water capacity: Moderate (about 6.7 inches)

#### **Interpretive Groups**

Land capability classification (irrigated): 3e  
Land capability (non irrigated): 4e  
Ecological site: Sandy Foothill (R049BY210CO)

#### **Typical Profile**

0 to 6 inches: sandy loam  
6 to 26 inches: sandy clay loam, clay loam  
26 to 32 inches: sandy loam, coarse sandy loam, gravelly sandy loam  
32 to 60 inches: loamy coarse sand, gravelly loamy sand

### **Description of Truckton**

#### **Setting**

Landform: Ridges  
Down-slope shape: Linear  
Across-slope shape: Linear  
Parent material: Eolian deposits

#### **Properties and Qualities**

Slope: 3 to 5 percent  
Drainage class: Well drained  
Capacity of the most limiting layer to transmit water (Ksat): High (1.98 to 6.00 in/hr)  
Frequency of flooding: None  
Frequency of ponding: None  
Calcium carbonate maximum: 0 percent  
Gypsum maximum: 0 percent  
Available water capacity: Low (about 6.0 inches)

#### **Interpretive Groups**

Land capability classification (irrigated): 3e  
Land capability (non irrigated): 4e  
Ecological site: Sandy Foothill (R049BY210CO)

#### **Typical Profile**

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0 to 5 inches: sandy loam  
5 to 20 inches: sandy loam  
20 to 60 inches: sandy loam, loamy sand, loamy coarse sand

### Minor Components

#### Nunn

Percent of map unit: 8 percent

#### Ascalon

Percent of map unit: 7 percent