

## Map Unit Description

Arapahoe County, Colorado

**BuE Bresser-Stapleton sandy loams, 9 to 20 percent slopes**

### Setting

Landscape: Uplands  
Elevation: 5300 to 6800 feet  
Mean annual precipitation: 12 to 16 inches  
Mean annual air temperature: 46 to 52 degrees F  
Frost-free period: 135 to 170 days

### Composition

Bresser and similar soils: 40 percent  
Stapleton and similar soils: 40 percent  
Minor components: 20 percent

### Description of Bresser

#### Setting

Landform: 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: 9 to 15 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 6.1 inches)

#### Interpretive Groups

Land capability classification (irrigated): 6e  
Land capability (non irrigated): 6e  
Ecological site: Sandy Foothill (R049BY210CO)

#### Typical Profile

0 to 7 inches: sandy loam  
7 to 18 inches: sandy clay loam, clay loam  
18 to 28 inches: sandy loam, coarse sandy loam, gravelly sandy loam  
28 to 60 inches: loamy coarse sand, gravelly loamy sand

### Description of Stapleton

#### Setting

Landform: Hills, ridges  
Landform position (two-dimensional): Shoulder, summit  
Down-slope shape: Linear  
Across-slope shape: Linear  
Parent material: Arkosic sandstone

#### Properties and Qualities

Slope: 9 to 20 percent  
Depth to restrictive feature: 10 to 20 inches to Paralithic bedrock  
Drainage class: Well drained  
Capacity of the most limiting layer to transmit water (Ksat): Moderately low or high (0.06 to 2.00 in/hr)  
Frequency of flooding: None  
Frequency of ponding: None  
Calcium carbonate maximum: 0 percent  
Gypsum maximum: 0 percent  
Available water capacity: Very low (about 2.0 inches)

#### Interpretive Groups

Land capability (non irrigated): 6e  
Ecological site: Sandy Foothill (R049BY210CO)

## Map Unit Description

Arapahoe County, Colorado

### Typical Profile

0 to 6 inches: sandy loam

6 to 19 inches: sandy loam, gravelly sandy loam

19 to 23 inches: weathered bedrock

### Minor Components

#### Bulck

Percent of map unit: 10 percent

#### Little

Percent of map unit: 5 percent

#### Renohill

Percent of map unit: 5 percent