

## Arapahoe County, Colorado

### ReE—Renohill loam,reddish variant, 5 to 20 percent slopes

#### Map Unit Setting

*Elevation:* 3,600 to 6,200 feet  
*Mean annual precipitation:* 11 to 16 inches  
*Mean annual air temperature:* 46 to 48 degrees F  
*Frost-free period:* 100 to 160 days

#### Map Unit Composition

*Renohill, reddish variant and similar soils:* 87 percent  
*Minor components:* 13 percent

#### Description of Renohill, Reddish Variant

##### Setting

*Down-slope shape:* Linear  
*Across-slope shape:* Linear  
*Parent material:* Loam clayey

##### Properties and qualities

*Slope:* 5 to 20 percent  
*Depth to restrictive feature:* 20 to 40 inches to paralithic bedrock  
*Drainage class:* Well drained  
*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 content:* 15 percent  
*Maximum salinity:* Nonsaline (0.0 to 2.0 mmhos/cm)  
*Available water capacity:* Moderate (about 8.1 inches)

##### Interpretive groups

*Land capability (nonirrigated):* 6e  
*Ecological site:* Loamy Foothill (R049BY202CO)

##### Typical profile

*0 to 5 inches:* Loam  
*5 to 19 inches:* Clay loam, clay  
*19 to 26 inches:* Loam, clay loam  
*26 to 30 inches:* Unweathered bedrock

#### Minor Components

##### Buick

*Percent of map unit:* 5 percent

##### Thedalund

*Percent of map unit:* 5 percent

**Samsil**

*Percent of map unit: 3 percent*

**Data Source Information**

Soil Survey Area: Arapahoe County, Colorado  
Survey Area Data: Version 8, May 1, 2009

## Arapahoe County, Colorado

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

#### Map Unit Setting

*Elevation:* 5,300 to 6,800 feet  
*Mean annual precipitation:* 12 to 16 inches  
*Mean annual air temperature:* 46 to 52 degrees F  
*Frost-free period:* 135 to 170 days

#### Map Unit Composition

*Stapleton and similar soils:* 40 percent  
*Bresser 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  
*Depth to restrictive feature:* More than 80 inches  
*Drainage class:* Well drained  
*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 content:* 10 percent  
*Available water capacity:* Very high (about 12.5 inches)

##### Interpretive groups

*Land capability classification (irrigated):* 6e  
*Land capability (nonirrigated):* 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  
*Landform position (three-dimensional):* Side slope  
*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 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  
*Available water capacity:* Low (about 3.3 inches)

**Interpretive groups**

*Land capability (nonirrigated):* 6e  
*Ecological site:* Sandy Foothill (R049BY210CO)

**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**

**Buick**

*Percent of map unit:* 10 percent

**Litle**

*Percent of map unit:* 5 percent

**Renohill**

*Percent of map unit:* 5 percent

**Data Source Information**

Soil Survey Area: Arapahoe County, Colorado  
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