

## Map Unit Description

Arapahoe County, Colorado

### **BxC Buick loam, 3 to 5 percent slopes**

#### **Setting**

Landscape: Uplands  
Elevation: 4700 to 6200 feet  
Mean annual precipitation: 14 to 16 inches  
Mean annual air temperature: 45 to 46 degrees F  
Frost-free period: 150 to 170 days

#### **Composition**

Buick and similar soils: 85 percent  
Minor components: 15 percent

#### **Description of Buick**

##### **Setting**

Landform: Drainageways, hills  
Landform position (two-dimensional): Summit  
Down-slope shape: Linear  
Across-slope shape: Linear  
Parent material: Alluvium and/or 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 (0.20 to 0.60 in/hr)  
Frequency of flooding: None  
Frequency of ponding: None  
Calcium carbonate maximum: 15 percent  
Gypsum maximum: 0 percent  
Available water capacity: High (about 10.4 inches)

##### **Interpretive Groups**

Land capability (non irrigated): 3c  
Ecological site: Loamy Foothill (R049BY202CO)

##### **Typical Profile**

0 to 6 inches: loam  
6 to 22 inches: clay loam  
22 to 60 inches: sandy clay loam, clay loam

#### **Minor Components**

##### **Renohill**

Percent of map unit: 5 percent

##### **Weld**

Percent of map unit: 5 percent

##### **Colby**

Percent of map unit: 5 percent