

Arapahoe County, Colorado

BxC—Buick loam, 3 to 5 percent slopes

Map Unit Setting

Elevation: 4,700 to 6,200 feet
Mean annual precipitation: 14 to 16 inches
Mean annual air temperature: 45 to 46 degrees F
Frost-free period: 150 to 170 days

Map Unit Composition

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

Description of Buick

Setting

Landform: Drainageways, hills
Landform position (two-dimensional): Summit
Landform position (three-dimensional): Head slope
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Alluvium and/or eolian deposits

Properties and qualities

Slope: 3 to 5 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 (0.20 to 0.60 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 15 percent
Available water capacity: Very high (about 16.9 inches)

Interpretive groups

Farmland classification: Prime farmland if irrigated
Land capability (nonirrigated): 3c
Hydrologic Soil Group: C
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

Data Source Information

Soil Survey Area: Arapahoe County, Colorado

Survey Area Data: Version 9, Dec 24, 2013