

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