

Map Unit Description

La Plata County Area, Colorado

5 Arboles clay, 3 to 12 percent slopes

Setting

Elevation: 6000 to 7000 feet
Mean annual precipitation: 14 to 18 inches
Mean annual air temperature: 47 to 50 degrees F
Frost-free period: 110 to 130 days

Composition

Arboles and similar soils: 80 percent
Minor components: 1 percent

Description of Arboles

Setting

Landform: Valleys
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Fine-textured alluvium derived from shale

Properties and Qualities

Slope: 3 to 12 percent
Drainage class: Well drained
Capacity of the most limiting layer to transmit water (Ksat): Moderately low or moderately high (0.06 to 0.20 in/hr)
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate maximum: 10 percent
Gypsum maximum: 0 percent
Available water capacity: High (about 9.6 inches)

Interpretive Groups

Land capability classification (irrigated): 4e
Land capability (non irrigated): 4e

Typical Profile

0 to 6 inches: clay
6 to 30 inches: clay, silty clay
30 to 60 inches: clay loam, silty clay loam, clay

Minor Components

Aquents

Percent of map unit: 1 percent
Landform: Depressions