

# 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