

## La Plata County Area, Colorado

### 5—Arboles clay, 3 to 12 percent slopes

#### Map Unit Setting

*National map unit symbol:* 1yp0

*Elevation:* 6,000 to 7,000 feet

*Mean annual precipitation:* 14 to 18 inches

*Mean annual air temperature:* 47 to 50 degrees F

*Frost-free period:* 110 to 130 days

*Farmland classification:* Not prime farmland

#### Map Unit Composition

*Arboles and similar soils:* 80 percent

*Minor components:* 20 percent

*Estimates are based on observations, descriptions, and transects of the mapunit.*

#### Description of Arboles

##### Setting

*Landform:* Valleys

*Landform position (three-dimensional):* Side slope, base slope

*Down-slope shape:* Linear

*Across-slope shape:* Linear

*Parent material:* Fine-textured alluvium derived from shale

##### Typical profile

*H1 - 0 to 6 inches:* clay

*H2 - 6 to 30 inches:* clay, silty clay

*H2 - 6 to 30 inches:* clay loam, silty clay loam, clay

*H3 - 30 to 60 inches:*

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##### Properties and qualities

*Slope:* 3 to 12 percent

*Depth to restrictive feature:* More than 80 inches

*Natural drainage class:* Well drained

*Runoff class:* High

*Capacity of the most limiting layer to transmit water (Ksat):*

Moderately low to moderately high (0.06 to 0.20 in/hr)

*Depth to water table:* More than 80 inches

*Frequency of flooding:* None

*Frequency of ponding:* None

*Calcium carbonate, maximum in profile:* 10 percent

*Salinity, maximum in profile:* Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)

*Available water storage in profile:* Very high (about 23.0 inches)

##### Interpretive groups

*Land capability classification (irrigated):* 4e

*Land capability classification (nonirrigated): 4e*

*Hydrologic Soil Group: C*

*Hydric soil rating: No*

#### **Minor Components**

##### **Bodot**

*Percent of map unit: 15 percent*

*Hydric soil rating: No*

##### **Other soils**

*Percent of map unit: 4 percent*

*Hydric soil rating: No*

##### **Aquents**

*Percent of map unit: 1 percent*

*Landform: Depressions*

*Hydric soil rating: Yes*

## **Data Source Information**

Soil Survey Area: La Plata County Area, Colorado

Survey Area Data: Version 14, Sep 23, 2016