

## La Plata County Area, Colorado

### 63—Sili clay loam, 3 to 6 percent slopes

#### Map Unit Setting

*Elevation:* 6,000 to 7,200 feet  
*Mean annual precipitation:* 12 to 18 inches  
*Mean annual air temperature:* 47 to 50 degrees F  
*Frost-free period:* 110 to 130 days

#### Map Unit Composition

*Sili and similar soils:* 80 percent  
*Minor components:* 20 percent

#### Description of Sili

##### Setting

*Landform:* Fans, valleys  
*Landform position (three-dimensional):* Base slope  
*Down-slope shape:* Linear  
*Across-slope shape:* Linear  
*Parent material:* Moderately fine to fine-textured alluvium derived from shale

##### Properties and qualities

*Slope:* 3 to 6 percent  
*Depth to restrictive feature:* More than 80 inches  
*Drainage class:* Well drained  
*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 content:* 5 percent  
*Maximum salinity:* Nonsaline (0.0 to 2.0 mmhos/cm)  
*Available water capacity:* Very high (about 28.3 inches)

##### Interpretive groups

*Farmland classification:* Prime farmland if irrigated  
*Land capability classification (irrigated):* 3e  
*Land capability (nonirrigated):* 4e  
*Hydrologic Soil Group:* C  
*Other vegetative classification:* Clayey Foothills (048AY208CO)

##### Typical profile

*0 to 7 inches:* Clay loam  
*7 to 60 inches:* Clay loam, clay, silty clay loam

#### Minor Components

##### Arboles

*Percent of map unit:* 13 percent

**Other soils**

*Percent of map unit: 5 percent*

**Aquents**

*Percent of map unit: 2 percent*

*Landform: Depressions*

## **Data Source Information**

Soil Survey Area: La Plata County Area, Colorado

Survey Area Data: Version 11, Dec 23, 2013