

Map Unit Description

La Plata County Area, Colorado

63 Sili clay loam, 3 to 6 percent slopes

Setting

Elevation: 6000 to 7200 feet
Mean annual precipitation: 12 to 18 inches
Mean annual air temperature: 47 to 50 degrees F
Frost-free period: 110 to 130 days

Composition

Sili and similar soils: 80 percent
Minor components: 2 percent

Description of Sili

Setting

Landform: Fans, valleys
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
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: 5 percent
Gypsum maximum: 0 percent
Available water capacity: High (about 10.3 inches)

Interpretive Groups

Land capability classification (irrigated): 3e
Land capability (non irrigated): 4e
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

Aquents

Percent of map unit: 2 percent
Landform: Depressions