

# Map Unit Description

La Plata County Area, Colorado

## 27 Falfa clay loam, 3 to 8 percent slopes

### Setting

Elevation: 6500 to 7000 feet  
Mean annual precipitation: 15 to 18 inches  
Mean annual air temperature: 48 to 49 degrees F  
Frost-free period: 100 to 120 days

### Composition

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

### Description of Falfa

#### Setting

Landform: Mesas  
Down-slope shape: Linear  
Across-slope shape: Linear  
Parent material: Calcareous loess

#### Properties and Qualities

Slope: 3 to 8 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 10.0 inches)

#### Interpretive Groups

Land capability classification (irrigated): 4e  
Land capability (non irrigated): 4e  
Other vegetative classification: Loamy Foothill (048AY284CO)

#### Typical Profile

0 to 9 inches: clay loam  
9 to 34 inches: clay, silty clay, clay loam  
34 to 57 inches: clay, silty clay, clay loam  
57 to 60 inches: loam, clay loam

### Minor Components

#### Aquents

Percent of map unit: 2 percent  
Landform: Depressions