

# Map Unit Description

Douglas-Plateau Area, Colorado, Parts of Garfield and Mesa Counties

## 58 Peninsula loam, 3 to 9 percent slopes

### Setting

Elevation: 6200 to 6800 feet  
Mean annual precipitation: 15 to 19 inches  
Mean annual air temperature: 42 to 45 degrees F  
Frost-free period: 85 to 110 days

### Composition

Peninsula and similar soils: 80 percent  
Minor components: 5 percent

### Description of Peninsula

#### Setting

Landform: Benches  
Down-slope shape: Linear  
Across-slope shape: Linear  
Parent material: Mixed, transported rock spread deposits derived from volcanic and sedimentary rock

#### Properties and Qualities

Slope: 3 to 9 percent  
Drainage class: Well drained  
Capacity of the most limiting layer to transmit water (Ksat): Moderately high (0.20 to 0.57 in/hr)  
Frequency of flooding: None  
Frequency of ponding: None  
Calcium carbonate maximum: 35 percent  
Gypsum maximum: 0 percent  
Sodium adsorption ratio maximum: 5.0  
Available water capacity: High (about 9.7 inches)

#### Interpretive Groups

Land capability classification (irrigated): 4e  
Land capability (non irrigated): 4e  
Ecological site: Deep Loam (R048AY292CO)

#### Typical Profile

0 to 4 inches: loam  
4 to 19 inches: clay loam  
19 to 28 inches: clay loam  
28 to 60 inches: loam

### Minor Components

#### Haplaquolls

Percent of map unit: 5 percent  
Landform: Depressions