

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