

Map Unit Description

Paonia Area, Colorado, Parts of Delta, Gunnison, and Montrose Counties

41 Fughes-Curecanti stony loams, 10 to 40 percent slopes

Setting

Elevation: 6500 to 8500 feet

Composition

Fughes and similar soils: 40 percent
Curecanti and similar soils: 40 percent

Description of Fughes

Setting

Landform: Drainageways, depressions, swales
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Old alluvium and/or glacial outwash and/or complex landslide deposits

Properties and Qualities

Slope: 10 to 40 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: 0 percent
Gypsum maximum: 0 percent
Available water capacity: High (about 9.4 inches)

Interpretive Groups

Land capability (non irrigated): 7s
Ecological site: Deep Clay Loam (R048AY247CO)

Typical Profile

0 to 5 inches: stony loam
5 to 44 inches: clay
44 to 60 inches: clay loam

Description of Curecanti

Setting

Landform: Depressions, drainageways, swales
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Glaciofluvial deposits derived from igneous and metamorphic rock

Properties and Qualities

Slope: 10 to 40 percent
Drainage class: Well drained
Capacity of the most limiting layer to transmit water (Ksat): Moderately high (0.20 to 0.60 in/hr)
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate maximum: 0 percent
Gypsum maximum: 0 percent
Available water capacity: Moderate (about 6.0 inches)

Interpretive Groups

Land capability (non irrigated): 7e
Ecological site: Brushy Loam (R048AY238CO)

Typical Profile

0 to 13 inches: stony loam
13 to 26 inches: very gravelly clay loam
26 to 37 inches: very cobbly clay loam
37 to 60 inches: very stony loam