

Map Unit Description

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

3 Agua Fria stony loam, 3 to 12 percent slopes

Setting

Elevation: 5800 to 7000 feet

Composition

Agua fria and similar soils: 85 percent

Description of Agua fria

Setting

Landform: Fans, mesas, terraces

Down-slope shape: Linear

Across-slope shape: Linear

Parent material: Cobbly, stony outwash alluvium derived from basalt

Properties and Qualities

Slope: 3 to 12 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: 35 percent

Gypsum maximum: 0 percent

Salinity maximum: Non saline or very slightly saline (2.0 to 4.0 mmhos/cm)

Available water capacity: Moderate (about 6.9 inches)

Interpretive Groups

Land capability classification (irrigated): 4e

Land capability (non irrigated): 4e

Typical Profile

0 to 2 inches: loam

2 to 24 inches: stony clay loam

24 to 34 inches: cobbly loam

34 to 60 inches: very cobbly loam