

Map Unit Description

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

80 Utaline-Torriorthents complex

Setting

Elevation: 4800 to 6200 feet

Composition

Utaline and similar soils: 50 percent

Torriorthents and similar soils: 30 percent

Description of Utaline

Setting

Landform: Pediments, benches, mesas

Down-slope shape: Linear

Across-slope shape: Linear

Parent material: Glacial outwash and/or old complex landslide deposits

Properties and Qualities

Slope: 20 to 45 percent

Drainage class: Well drained

Capacity of the most limiting layer to transmit water (Ksat): Moderately high or high (0.60 to 2.00 in/hr)

Frequency of flooding: None

Frequency of ponding: None

Calcium carbonate maximum: 30 percent

Gypsum maximum: 0 percent

Available water capacity: Low (about 3.7 inches)

Interpretive Groups

Land capability (non irrigated): 7e

Ecological site: Stony Salt Desert (R034XY404CO)

Typical Profile

0 to 4 inches: stony loam

4 to 18 inches: very cobbly loam

18 to 60 inches: extremely cobbly loam

Description of Torriorthents

Setting

Landform: Benches, mesas, pediments

Down-slope shape: Linear

Across-slope shape: Linear

Parent material: Glacial outwash and/or old complex landslide deposits

Properties and Qualities

Slope: 35 to 60 percent

Depth to restrictive feature: 10 to 70 inches to Lithic bedrock

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: 15 percent

Gypsum maximum: 0 percent

Available water capacity: Low (about 3.3 inches)

Interpretive Groups

Land capability (non irrigated): 7e

Typical Profile

0 to 4 inches: very stony sandy loam

4 to 38 inches: very stony loam

38 to 42 inches: unweathered bedrock