

Map Unit Description

Rifle Area, Colorado, Parts of Garfield and Mesa Counties

3 Arvada loam, 1 to 6 percent slopes

Setting

Elevation: 5100 to 6200 feet

Composition

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

Description of Arvada

Setting

Landform: Terraces, fans
Down-slope shape: Convex, linear
Across-slope shape: Convex, linear
Parent material: Highly saline alluvium derived from sandstone and shale

Properties and Qualities

Slope: 1 to 6 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: 10 percent
Gypsum maximum: 2 percent
Salinity maximum: Very slightly saline or moderately saline (4.0 to 16.0 mmhos/cm)
Sodium adsorption ratio maximum: 30.0
Available water capacity: Moderate (about 8.0 inches)

Interpretive Groups

Land capability classification (irrigated): 7s
Land capability (non irrigated): 7s
Ecological site: Salt Flats (R048AY261CO)

Typical Profile

0 to 3 inches: loam
3 to 17 inches: silty clay loam
17 to 60 inches: silty clay loam

Minor Components

Wann

Percent of map unit: 5 percent
Landform: Terraces