

# 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

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Percent of map unit: 5 percent  
Landform: Terraces