

## Rifle Area, Colorado, Parts of Garfield and Mesa Counties

### 3—Arvada loam, 1 to 6 percent slopes

#### Map Unit Setting

*Elevation:* 5,100 to 6,200 feet

#### Map Unit Composition

*Arvada and similar soils:* 80 percent

*Minor components:* 5 percent

#### Description of Arvada

##### Setting

*Landform:* Terraces, fans

*Landform position (three-dimensional):* Tread

*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

*Depth to restrictive feature:* More than 80 inches

*Drainage class:* Well drained

*Capacity of the most limiting layer to transmit water*

*(Ksat):* Moderately low to moderately high (0.06 to 0.20 in/hr)

*Depth to water table:* More than 80 inches

*Frequency of flooding:* None

*Frequency of ponding:* None

*Calcium carbonate, maximum content:* 10 percent

*Gypsum, maximum content:* 2 percent

*Maximum salinity:* Very slightly saline to 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

*Farmland classification:* Not prime farmland

*Land capability classification (irrigated):* 7s

*Land capability (nonirrigated):* 7s

*Hydrologic Soil Group:* C

*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

*Landform position (three-dimensional):* Tread

### **Data Source Information**

Soil Survey Area: Rifle Area, Colorado, Parts of Garfield and Mesa Counties

Survey Area Data: Version 7, Dec 23, 2013