

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

### 51—Olney loam, 6 to 12 percent slopes

#### Map Unit Setting

*National map unit symbol:* jnym

*Elevation:* 5,000 to 6,500 feet

*Farmland classification:* Farmland of statewide importance

#### Map Unit Composition

*Olney and similar soils:* 85 percent

*Estimates are based on observations, descriptions, and transects of the mapunit.*

#### Description of Olney

##### Setting

*Landform:* Alluvial fans, valley sides

*Down-slope shape:* Linear, convex

*Across-slope shape:* Linear, convex

*Parent material:* Alluvium derived from sandstone and shale

##### Typical profile

*H1 - 0 to 12 inches:* loam

*H2 - 12 to 33 inches:* sandy clay loam

*H3 - 33 to 43 inches:* gravelly sandy clay loam

*H4 - 43 to 60 inches:* very gravelly sandy loam

##### Properties and qualities

*Slope:* 6 to 12 percent

*Depth to restrictive feature:* More than 80 inches

*Natural drainage class:* Well drained

*Runoff class:* Medium

*Capacity of the most limiting layer to transmit water (Ksat):*

Moderately high to high (0.60 to 2.00 in/hr)

*Depth to water table:* More than 80 inches

*Frequency of flooding:* None

*Frequency of ponding:* None

*Calcium carbonate, maximum in profile:* 15 percent

*Salinity, maximum in profile:* Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)

*Available water storage in profile:* Moderate (about 7.6 inches)

##### Interpretive groups

*Land capability classification (irrigated):* 4e

*Land capability classification (nonirrigated):* 4e

*Hydrologic Soil Group:* B

*Ecological site:* Rolling Loam (R048AY298CO)

*Hydric soil rating:* No

## **Data Source Information**

Soil Survey Area: Rifle Area, Colorado, Parts of Garfield and Mesa Counties  
Survey Area Data: Version 9, Sep 22, 2015