

## Map Unit Description

Rifle Area, Colorado, Parts of Garfield and Mesa Counties

### 44 Morval loam, 3 to 12 percent slopes

#### Setting

Elevation: 6500 to 8000 feet

#### Composition

Morval and similar soils: 85 percent

#### Description of Morval

##### Setting

Landform: Valley sides, mesas

Down-slope shape: Convex, linear

Across-slope shape: Convex, linear

Parent material: Reworked alluvium derived from sandstone and/or reworked alluvium derived from basalt

##### Properties and Qualities

Slope: 3 to 12 percent

Drainage class: Well drained

Capacity of the most limiting layer to transmit water (Ksat): Moderately high (0.20 to 0.60 in/hr)

Frequency of flooding: None

Frequency of ponding: None

Calcium carbonate maximum: 25 percent

Gypsum maximum: 0 percent

Available water capacity: Moderate (about 8.4 inches)

##### Interpretive Groups

Land capability classification (irrigated): 4e

Land capability (non irrigated): 4e

Ecological site: Deep Loam (R048AY292CO)

##### Typical Profile

0 to 5 inches: loam

5 to 17 inches: clay loam

17 to 27 inches: stony clay loam

27 to 60 inches: stony loam