

# Map Unit Description

Rifle Area, Colorado, Parts of Garfield and Mesa Counties

## 30 Heldt clay loam, 6 to 12 percent slopes

### Setting

Elevation: 5000 to 6000 feet

### Composition

Heldt and similar soils: 90 percent

### Description of Heldt

#### Setting

Landform: Valley sides, alluvial fans  
Down-slope shape: Convex, linear  
Across-slope shape: Convex, linear  
Parent material: Fine-textured alluvium derived from sandstone and shale

#### Properties and Qualities

Slope: 6 to 12 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: 5 percent  
Sodium adsorption ratio maximum: 5.0  
Available water capacity: High (about 10.2 inches)

#### Interpretive Groups

Land capability classification (irrigated): 4e  
Land capability (non irrigated): 4e  
Ecological site: Clayey Foothills (R048AY289CO)

#### Typical Profile

0 to 8 inches: clay loam  
8 to 21 inches: clay loam  
21 to 60 inches: clay