

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