

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