

Map Unit Description

Rifle Area, Colorado, Parts of Garfield and Mesa Counties

47 Nihill channery loam, 6 to 25 percent slopes

Setting

Elevation: 5000 to 6500 feet

Composition

Nihill and similar soils: 85 percent

Description of Nihill

Setting

Landform: Valley sides, alluvial fans

Down-slope shape: Convex, linear

Across-slope shape: Convex, linear

Parent material: Alluvium derived from sandstone and shale

Properties and Qualities

Slope: 6 to 25 percent

Drainage class: Well drained

Capacity of the most limiting layer to transmit water (Ksat): Moderately high or high (0.60 to 6.00 in/hr)

Frequency of flooding: None

Frequency of ponding: None

Calcium carbonate maximum: 15 percent

Gypsum maximum: 1 percent

Available water capacity: Low (about 3.6 inches)

Interpretive Groups

Land capability (non irrigated): 6e

Ecological site: Rolling Loam (R048AY298CO)

Typical Profile

0 to 11 inches: channery loam

11 to 18 inches: very channery loam

18 to 60 inches: stratified extremely channery sandy loam to extremely channery loam

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