

# 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