

# Map Unit Description

Rifle Area, Colorado, Parts of Garfield and Mesa Counties

## 34 Ildefonso stony loam, 25 to 45 percent slopes

### Setting

Elevation: 5000 to 6500 feet

### Composition

Ildefonso and similar soils: 90 percent

### Description of Ildefonso

#### Setting

Landform: Alluvial fans, valley sides, breaks

Down-slope shape: Convex, linear

Across-slope shape: Convex, linear

Parent material: Mixed alluvium derived from basalt

#### Properties and Qualities

Slope: 25 to 45 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: 35 percent

Gypsum maximum: 0 percent

Available water capacity: Low (about 5.1 inches)

#### Interpretive Groups

Land capability (non irrigated): 7e

#### Typical Profile

0 to 8 inches: stony loam

8 to 60 inches: very stony loam