

Map Unit Description

Moffat County Area, Colorado

149 Pinelli loam, 3 to 12 percent slopes

Setting

Elevation: 6200 to 7000 feet
Mean annual precipitation: 12 to 14 inches
Mean annual air temperature: 42 to 45 degrees F
Frost-free period: 75 to 95 days

Composition

Pinelli and similar soils: 85 percent

Description of Pinelli

Setting

Landform: Benches, alluvial fans
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Alluvium derived from shale and in loess

Properties and Qualities

Slope: 3 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: 15 percent
Gypsum maximum: 0 percent
Available water capacity: High (about 9.5 inches)

Interpretive Groups

Land capability classification (irrigated): 4e
Land capability (non irrigated): 4e
Ecological site: Clayey Foothills (R034XY289CO)

Typical Profile

0 to 6 inches: loam
6 to 18 inches: clay loam
18 to 60 inches: clay loam