

Map Unit Description

La Plata County Area, Colorado

70 Ustic Torriorthents-Ustollic Haplargids complex, 12 to 60

Setting

Elevation: 6000 to 8500 feet
Mean annual precipitation: 14 to 19 inches
Mean annual air temperature: 45 to 50 degrees F
Frost-free period: 100 to 130 days

Composition

Ustic torriorthents and similar soils: 50 percent
Ustollic haplargids and similar soils: 30 percent

Description of Ustic torriorthents

Setting

Landform: Hills, mesas, terraces
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Outwash and/or gravelly and cobbly alluvium

Properties and Qualities

Slope: 12 to 60 percent
Drainage class: Well drained
Capacity of the most limiting layer to transmit water (Ksat): Moderately high or high (0.60 to 2.00 in/hr)
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate maximum: 15 percent
Gypsum maximum: 0 percent
Available water capacity: Low (about 4.8 inches)

Interpretive Groups

Land capability (non irrigated): 7e

Typical Profile

0 to 6 inches: very gravelly loam
6 to 60 inches: very gravelly sandy loam, very cobbly loam, gravelly loam

Description of Ustollic haplargids

Setting

Landform: Hills, mesas, terraces
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Gravelly and cobbly alluvium

Properties and Qualities

Slope: 12 to 60 percent
Drainage class: Well drained
Capacity of the most limiting layer to transmit water (Ksat): Moderately high or high (0.60 to 2.00 in/hr)
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate maximum: 15 percent
Gypsum maximum: 0 percent
Available water capacity: Low (about 4.7 inches)

Interpretive Groups

Land capability (non irrigated): 7e

Typical Profile

0 to 3 inches: gravelly loam
3 to 24 inches: gravelly loam, very cobbly sandy clay loam, very gravelly fine sandy loam
24 to 60 inches: very gravelly loamy sand, very gravelly sandy loam, very gravelly loam