

Map Unit Description

La Plata County Area, Colorado

33 Harlan cobbly loam, moist, 1 to 3 percent slopes

Setting

Elevation: 6000 to 7000 feet
Mean annual precipitation: 14 to 18 inches
Mean annual air temperature: 45 to 50 degrees F
Frost-free period: 110 to 130 days

Composition

Harlan, moist and similar soils: 80 percent

Description of Harlan, moist

Setting

Landform: Terraces
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Cobbly alluvium and/or glacial outwash derived from mixed sources

Properties and Qualities

Slope: 1 to 3 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: Moderate (about 6.0 inches)

Interpretive Groups

Land capability classification (irrigated): 4e
Land capability (non irrigated): 4s
Ecological site: Cobbly Foothills (R048AY346CO)

Typical Profile

0 to 8 inches: cobbly loam
8 to 44 inches: clay loam, cobbly clay loam, cobbly sandy clay loam
44 to 60 inches: extremely cobbly sandy loam, very cobbly loam