

Map Unit Description

Rio Blanco County Area, Colorado

48 Kobar silty clay loam, 3 to 8 percent slopes

Setting

Elevation: 5800 to 7200 feet
Mean annual precipitation: 15 to 18 inches
Mean annual air temperature: 42 to 45 degrees F
Frost-free period: 85 to 105 days

Composition

Kobar and similar soils: 85 percent
Minor components: 15 percent

Description of Kobar

Setting

Landform: Fans, valley floors
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Calcareous alluvium derived from shale

Properties and Qualities

Slope: 3 to 8 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: 5 percent
Sodium adsorption ratio maximum: 13.0
Available water capacity: High (about 9.8 inches)

Interpretive Groups

Land capability classification (irrigated): 3e
Land capability (non irrigated): 3e
Ecological site: Deep Clay Loam (R048AY247CO)

Typical Profile

0 to 12 inches: silty clay loam
12 to 60 inches: silty clay loam, silty clay, clay

Minor Components

Other soils

Percent of map unit: 15 percent