

SOIL SERIES DESCRIPTION

Klaus gravelly loamy sand, 0 to 6% slopes
Klaus gravelly loamy sand, 6 to 15% slopes

Mapping Symbol: KsB
KsC

The Klaus series consists of somewhat excessively drained soils that formed under conifers in very gravelly glacial outwash. These soils are found on terraces in the vicinity of North Bend. The annual precipitation is 35 to 60 inches. The frost-free season is 150 to more than 200 days.

Typical Profile:

Depth from Surface:

0 to 1-1/2 Inches:	Gray loamy sand
1-1/2 to 24 Inches:	Dark reddish brown and dark brown gravelly loamy sand and very gravelly loamy sand
24 to 60 Inches:	Dark grayish brown and olive brown very gravelly loamy sand

Permeability:

Rapid to very rapid

Rooting Depth:

60 inches +

Depth to Seasonal High Water Table:

No seasonal water table within a depth of 5 feet

Available Water Holding Capacity:

Low

Runoff Potential:

Slow

Erosion and Slippage Hazard:

Slight

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Use and Management:

Primary uses of these soils are for pasture and timber.

Pasture forage yields are 1.5 tons/acre/year with good management.

Douglas-fir, Western Red Cedar, and Western Hemlock are important tree species on this soil. There are slight limitations on equipment use for site preparation and timber harvest.

This soil has moderate limitations to severe limitations on recreational and engineering uses because of its high gravel content and permeability.