

SOIL SERIES DESCRIPTION

Salal silt loam

Mapping Symbols: Sa

The Salal series consists of well drained soils that formed in alluvium under grasses on flood plains at elevations from 400 feet to 500 feet. Slopes are 0 to 2%. The annual precipitation is 70 to 80 inches. The frost-free season is about 150 days.

Typical Profile:

Depth from Surface:

0 to 60 Inches: Black very dark grayish brown silt loam

Permeability:

Moderate

Rooting Depth:

60 inches +

Depth to Seasonal High Water Table:

3 to 4 feet

Available Water Holding Capacity:

High

Runoff Potential:

Slow

Erosion and Slippage Hazard:

Slight

Flooding Potential:

Slight

Salal Series

Use and Management:

Primary uses of this soil are for row crops and pastures.

Pasture forage yields are 5.0 tons/acre/year with good management.

Douglas-fir, Western Red Cedar, Red Alder, and Bigleaf Maple are important tree species on all soil slope classes. This soil has severe limitations due to plant competition.

The Renton soil has moderate recreational and moderate to severe engineering limitations due to its flooding potential and potential high water table.