

SOIL SERIES DESCRIPTION

Pilchuck loamy fine sand Pilchuck fine sandy loam

Mapping Symbols: **Pc (loamy fine sand)**
Pk (fine sandy loam)

The Pilchuck series consists of excessively drained soils that formed in alluvium on low stream terraces under conifers and hardwoods. Slopes are 0 to 2%. The annual precipitation is 35 to 55 inches and the mean annual air temperature is about 50 degrees F.

Typical Profile:

Depth from Surface:

0 to 38 Inches: Dark grayish brown loamy fine sand (fine sandy loam in Pk)

38 to 60 Inches: Black gravelly sand

Permeability:

Rapid

Rooting Depth:

60 inches +

Depth to Seasonal High Water Table:

2 to 4 feet

Available Water Holding Capacity:

Low

Runoff Potential:

Slow

Erosion Hazard:

Moderate to severe from stream overflow

Flooding Potential:

Severe

Pilchuck Series

Use and Management:

Primary uses of this soil are for timber and pasture.

Pasture forage yields are 1.5 tons/acre/year with good management for both of the Pc and Pk phases.

Douglas-fir, Bigleaf Maple, and Black Cottonwood are important tree species on these soils. They have moderate to severe erosion limitations due to the flooding potential.

These soils have severe recreational and engineering limitations due to their flooding potential.