Custom Soil Resource Report
Soil Map

Map Scale: 1:2,300 if printed on A landscape (11" x 8.5") sheet.

N

Meters: 0 30 60 120 180

Feet: 0 100 200 400 600

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 10N WGS84

Thurston County Area, Washington

2—Alderwood gravelly sandy loam, 3 to 15 percent slopes

Map Unit Setting

Elevation: 50 to 800 feet
Mean annual precipitation: 25 to 60 inches
Mean annual air temperature: 48 to 52 degrees F
Frost-free period: 180 to 220 days

Map Unit Composition

Alderwood and similar soils: 95 percent
Minor components: 5 percent

Description of Alderwood

Setting

Landform: Till plains
Parent material: Basal till

Properties and qualities

Slope: 3 to 15 percent
Depth to restrictive feature: 20 to 40 inches to densic material
Drainage class: Moderately well drained
Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.06 in/hr)
Depth to water table: About 18 to 36 inches
Frequency of flooding: None
Frequency of ponding: None
Available water capacity: Very low (about 2.8 inches)

Interpretive groups

Farmland classification: Farmland of statewide importance
Land capability (nonirrigated): 4s
Hydrologic Soil Group: B

Typical profile

0 to 15 inches: Gravelly sandy loam
15 to 30 inches: Very gravelly sandy loam
30 to 34 inches: Very gravelly loamy sand

Minor Components

Norma

Percent of map unit: 5 percent
Landform: Drainageways

3—Alderwood gravelly sandy loam, 15 to 30 percent slopes

Map Unit Setting

Elevation: 50 to 800 feet

Mean annual precipitation: 25 to 60 inches
Mean annual air temperature: 48 to 52 degrees F
Frost-free period: 180 to 220 days

Map Unit Composition
Alderwood and similar soils: 100 percent

Description of Alderwood

Setting
Landform: Till plains
Parent material: Basal till

Properties and qualities
Slope: 15 to 30 percent
Depth to restrictive feature: 20 to 40 inches to densic material
Drainage class: Moderately well drained
Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.06 in/hr)
Depth to water table: About 18 to 36 inches
Frequency of flooding: None
Frequency of ponding: None
Available water capacity: Very low (about 2.8 inches)

Interpretive groups
Farmland classification: Farmland of statewide importance
Land capability (nonirrigated): 4e
Hydrologic Soil Group: B

Typical profile
0 to 15 inches: Gravelly sandy loam
15 to 30 inches: Very gravelly sandy loam
30 to 34 inches: Very gravelly loamy sand

110—Spanaway gravelly sandy loam, 0 to 3 percent slopes

Map Unit Setting
Mean annual precipitation: 35 to 65 inches
Mean annual air temperature: 50 degrees F

Map Unit Composition
Spanaway and similar soils: 100 percent

Description of Spanaway

Setting
Landform: Terraces, outwash plains
Parent material: Volcanic ash over gravelly outwash

Properties and qualities
Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Somewhat excessively drained

Capacity of the most limiting layer to transmit water (Ksat): High (1.98 to 5.95 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Available water capacity: Low (about 3.8 inches)

Interpretive groups

Farmland classification: Prime farmland if irrigated
Land capability classification (irrigated): 3s
Land capability (nonirrigated): 3s
Hydrologic Soil Group: A

Typical profile

0 to 15 inches: Gravelly sandy loam
15 to 20 inches: Very gravelly loam
20 to 60 inches: Extremely gravelly sand