

## Kittitas County Area, Washington

### 1441—Teanaway ashy loam, 10 to 25 percent slopes

#### Map Unit Setting

*National map unit symbol:* 2kqn  
*Elevation:* 1,800 to 3,600 feet  
*Mean annual precipitation:* 25 to 40 inches  
*Mean annual air temperature:* 46 to 48 degrees F  
*Frost-free period:* 80 to 120 days  
*Farmland classification:* Not prime farmland

#### Map Unit Composition

*Teanaway and similar soils:* 80 percent  
*Minor components:* 20 percent  
*Estimates are based on observations, descriptions, and transects of the mapunit.*

#### Description of Teanaway

##### Setting

*Landform:* Mountain slopes  
*Down-slope shape:* Linear  
*Across-slope shape:* Convex  
*Parent material:* Loess over glacial till or outwash with an influence of volcanic ash in the surface

##### Typical profile

*Oe - 0 to 3 inches:* moderately decomposed plant material  
*H1 - 3 to 7 inches:* ashy loam  
*H2 - 7 to 22 inches:* loam  
*H3 - 22 to 42 inches:* loam  
*H4 - 42 to 51 inches:* loam  
*H5 - 51 to 60 inches:* gravelly loam

##### Properties and qualities

*Slope:* 10 to 25 percent  
*Depth to restrictive feature:* More than 80 inches  
*Drainage class:* Moderately well drained  
*Capacity of the most limiting layer to transmit water (Ksat):* Moderately low to moderately high (0.06 to 0.20 in/hr)  
*Depth to water table:* About 39 to 51 inches  
*Frequency of flooding:* None  
*Frequency of ponding:* None  
*Available water supply, 0 to 60 inches:* High (about 10.3 inches)

##### Interpretive groups

*Land capability classification (irrigated):* 4e  
*Land capability classification (nonirrigated):* 3e  
*Hydrologic Soil Group:* C  
*Ecological site:* F006XB001WA - Frigid Xeric Mountain Slopes (Douglas-fir Moderately Dry Shrub/Herb)

*Other vegetative classification:* Douglas-fir/common snowberry/  
pinegrass (CDS638)  
*Hydric soil rating:* No

#### **Minor Components**

##### **Ampad**

*Percent of map unit:* 10 percent  
*Hydric soil rating:* No

##### **Nard**

*Percent of map unit:* 5 percent  
*Hydric soil rating:* No

##### **Swauk**

*Percent of map unit:* 5 percent  
*Hydric soil rating:* No

### **Data Source Information**

Soil Survey Area: Kittitas County Area, Washington  
Survey Area Data: Version 16, Aug 29, 2023