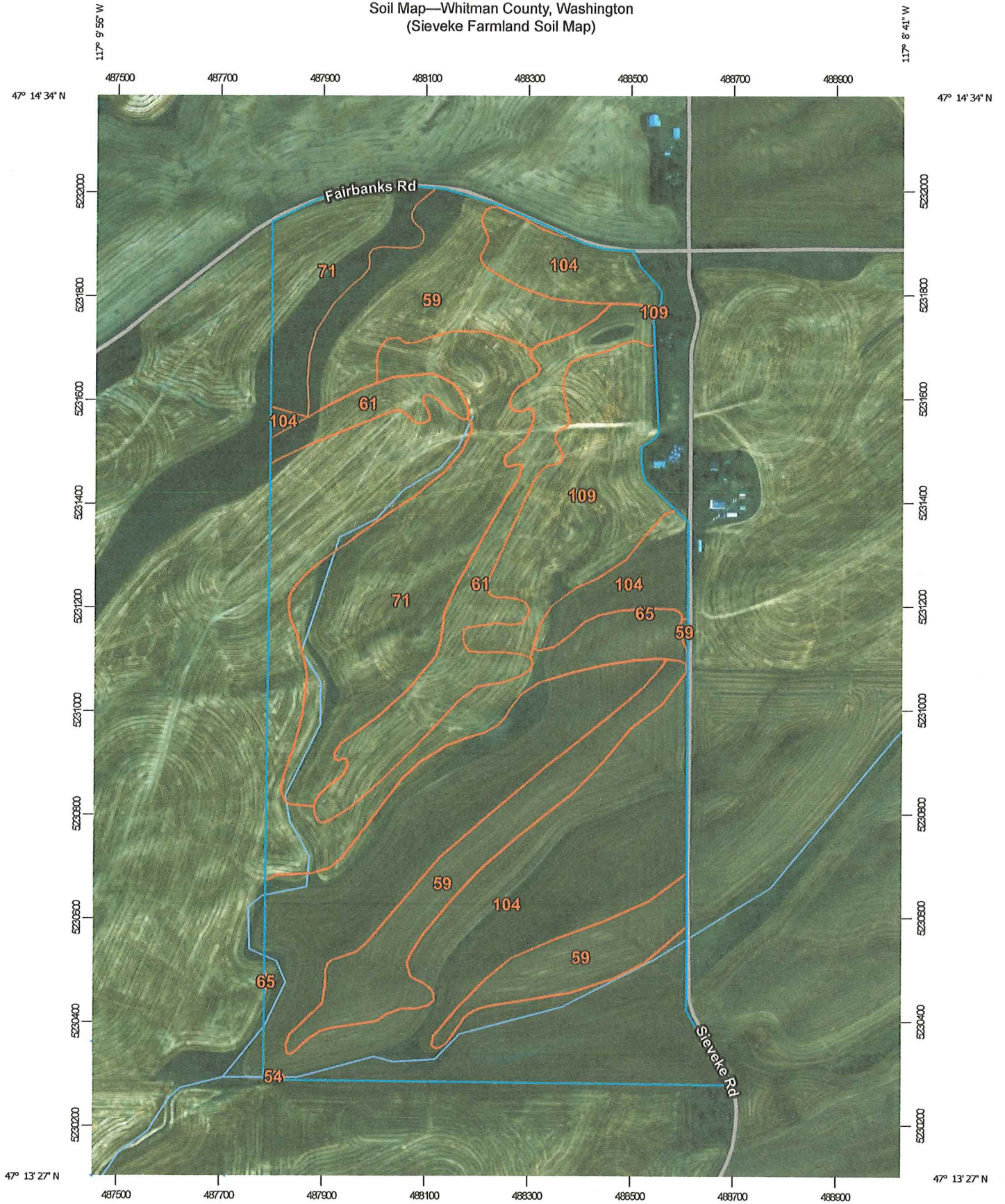


Soil Map—Whitman County, Washington
(Sieveke Farmland Soil Map)



Map Scale: 1:10,100 if printed on A portrait (8.5" x 11") sheet.



Map projection: Web Mercator Corner coordinates: WGS84 Edge ticks: UTM Zone 11N WGS84



Natural Resources
Conservation Service

Web Soil Survey
National Cooperative Soil Survey

4/24/2019

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI *	Percent of AOI *
54	Latah silt loam	0.1	0.0%
59	Naff silt loam, 7 to 25 percent slopes	54.6	16.4%
61	Naff-Garfield complex, 3 to 25 percent slopes	29.1	8.8%
65	Palouse silt loam, 7 to 25 percent slopes	40.5	12.2%
71	Palouse-Thatuna silt loams, 7 to 25 percent slopes	59.6	18.0%
104	Thatuna silt loam, 7 to 25 percent slopes	120.8	36.4%
109	Thatuna-Naff silt loams, 7 to 25 percent slopes	27.3	8.2%
Totals for Area of Interest		332.0	100.0%

*Acres and percentages are approximate

SOIL DESCRIPTIONS

The soils in the Sieveke Farmland near Tekoa, WA are predominately composed of:

59 - Naff silt loam, 7 to 25 percent slopes. This strongly sloping to moderately steep soil is on ridgetops and south-facing side slopes. It has the profile described as representative of the series. Included with this soil in mapping are areas of soils that are silt loam to a depth of 60 inches, areas of soils that have a silty clay loam surface layer, and small areas of Naff soils that have slopes of less than 7 percent. Runoff is medium, and the erosion hazard is moderate. This soil is used mainly for wheat, barley, peas, lentils, grass, and alfalfa. Capability unit IIIe-5.

65 - Palouse Silt Loam, 7 to 25 percent slopes

Strongly sloping and moderately steep soil on uplands. Landscape is mainly smooth and rolling and hilly in places. Numerous ridges that have rounded tops and short side slopes. Soil has the profile described as representative of the series. Included with this soil in mapping are spots of severely eroded soils that are calcareous; areas of soils that have a thin surface layer, on tops of ridges and knobs; areas on north-facing slopes and concave areas of soils that have a surface layer more than 2 feet thick; areas of soils that have a subsoil of silty clay loam or calcareous silt loam; and areas less than 150 feet wide where the soils are steep and very steep. Runoff is medium, and the hazard of erosion is moderate. Soil is used mainly for wheat, barley, peas, lentils, grass, and alfalfa. Capability unity IIIe-4.

71 - Palouse-Thatuna Silt Loams, 7 to 25 percent slopes

Strongly sloping and moderately steep soils on north- and east-facing slopes and on some south-facing slopes. Fifty percent Palouse silt loam, 7 to 25 percent slopes; and 45 percent Thatuna silt loam, 7 to 25 percent slopes. Mapped as a complex because they are so intermingled. Palouse soil is in convex areas, and Thatuna soil is in concave areas. Some areas of soils are calcareous; some have a thin surface layer on tops of ridges or knobs; some have a silty clay loam subsoil or calcareous silt loam; some have a surface layer and subsoil of silty clay loam; and some areas less than 150 feet wide have steep and very steep soils. Runoff is medium, and the hazard of erosion is moderate. Soil is used mainly for wheat, barley, peas, lentils, grass, and alfalfa. Capability unity IIIe-4.

104 - Thatuna Silt Loam, 7 to 25 percent slopes

Strongly sloping to moderately steep soil on north- and east-facing side slopes and south-facing foot slopes. It has the profile described as representative of the series. Included with this soil in mapping are areas of soils that are silt loam to a depth of 60 inches; spots of severely eroded soils, some of which are calcareous, areas of soils that have a silt loam or silty clay loam surface layer; areas of soils with a silty clay subsoil; and areas of soils that have slopes of more than 25 percent runoff. Runoff is medium, and the erosion hazard is moderate. This soil is saturated with water for short periods at a depth of 29 to 40 inches. Soil used mainly for wheat, barley, peas, lentils, grass, and alfalfa. Capability unit IIIe-4.

For more information, visit the USDA NRCS Soil Survey website at
http://www.or.nrcs.usda.gov/pnw_soil/wa_reports.html