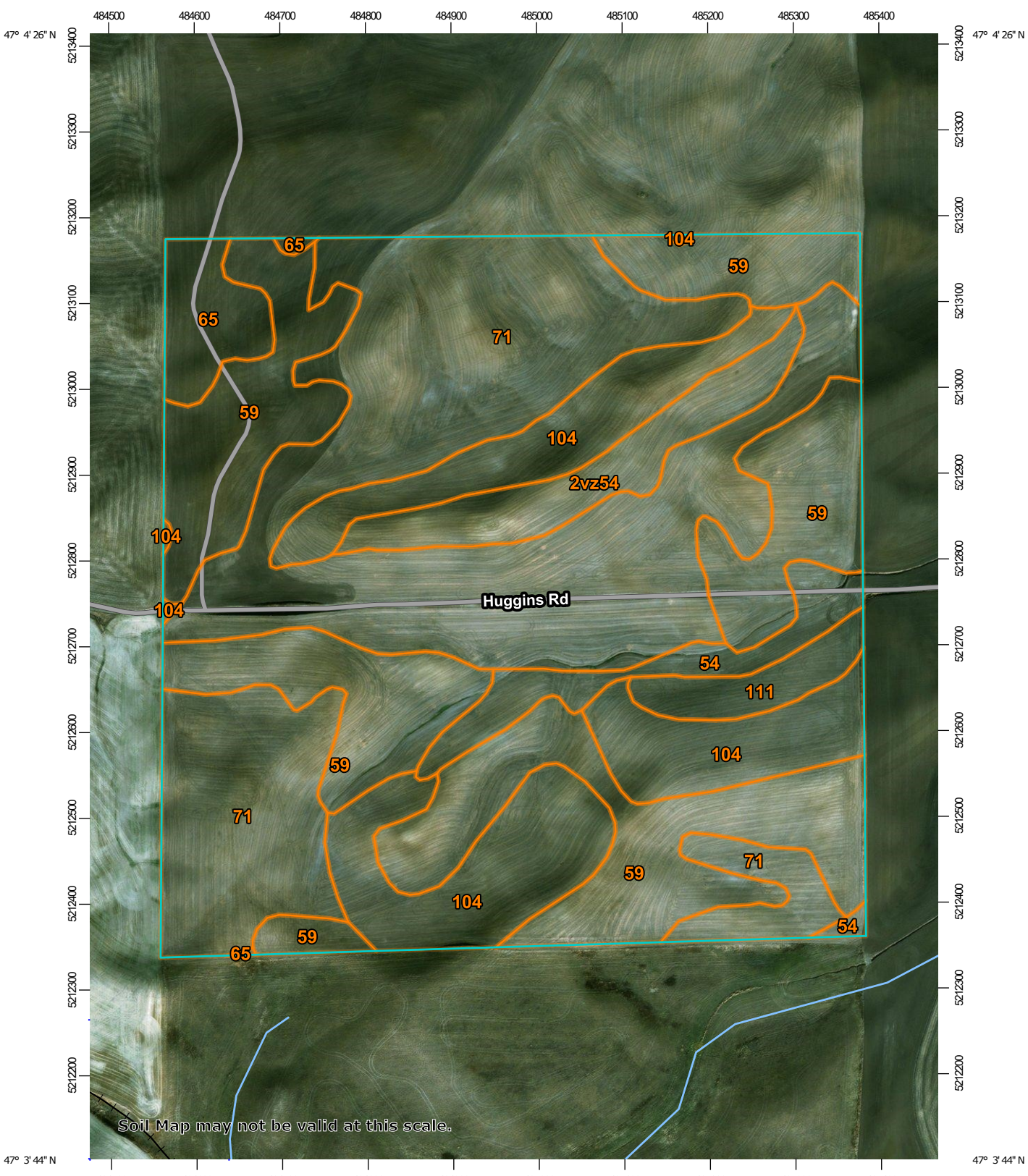
Soil Map—Whitman County, Washington
(Fisher Farmland)



Map Scale: 1:6,390 if printed on A portrait (8.5" x 11") sheet.

N

Meters
0 50 100 200 300

Feet
0 300 600 1200 1800

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

MAP LEGEND

Area of Interest (AOI)
- Area of Interest (AOI)

Soils
- Soil Map Unit Polygons
- Soil Map Unit Lines
- Soil Map Unit Points

Special Point Features
- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- Lava Flow
- Marsh or swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide or Slip
- Sodic Spot
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other
- Special Line Features

Water Features
- Streams and Canals

Transportation
- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

Background
- Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Whitman County, Washington
Survey Area Data: Version 17, Sep 16, 2019

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Aug 24, 2014—Sep 8, 2016

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
2vz54	Caldwell silt loam, 0 to 3 percent slopes	7.8	4.6%
54	Latah silt loam	5.8	3.5%
59	Naff silt loam, 7 to 25 percent slopes	51.8	30.8%
65	Palouse silt loam, 7 to 25 percent slopes	4.5	2.7%
71	Palouse-Thatuna silt loams, 7 to 25 percent slopes	67.7	40.3%
104	Thatuna silt loam, 7 to 25 percent slopes	27.0	16.1%
111	Tilma silt loam, 7 to 25 percent slopes	3.5	2.1%
Totals for Area of Interest		**168.1**	**100.0%**

The soils in the Donna Fisher farmland 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.

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.