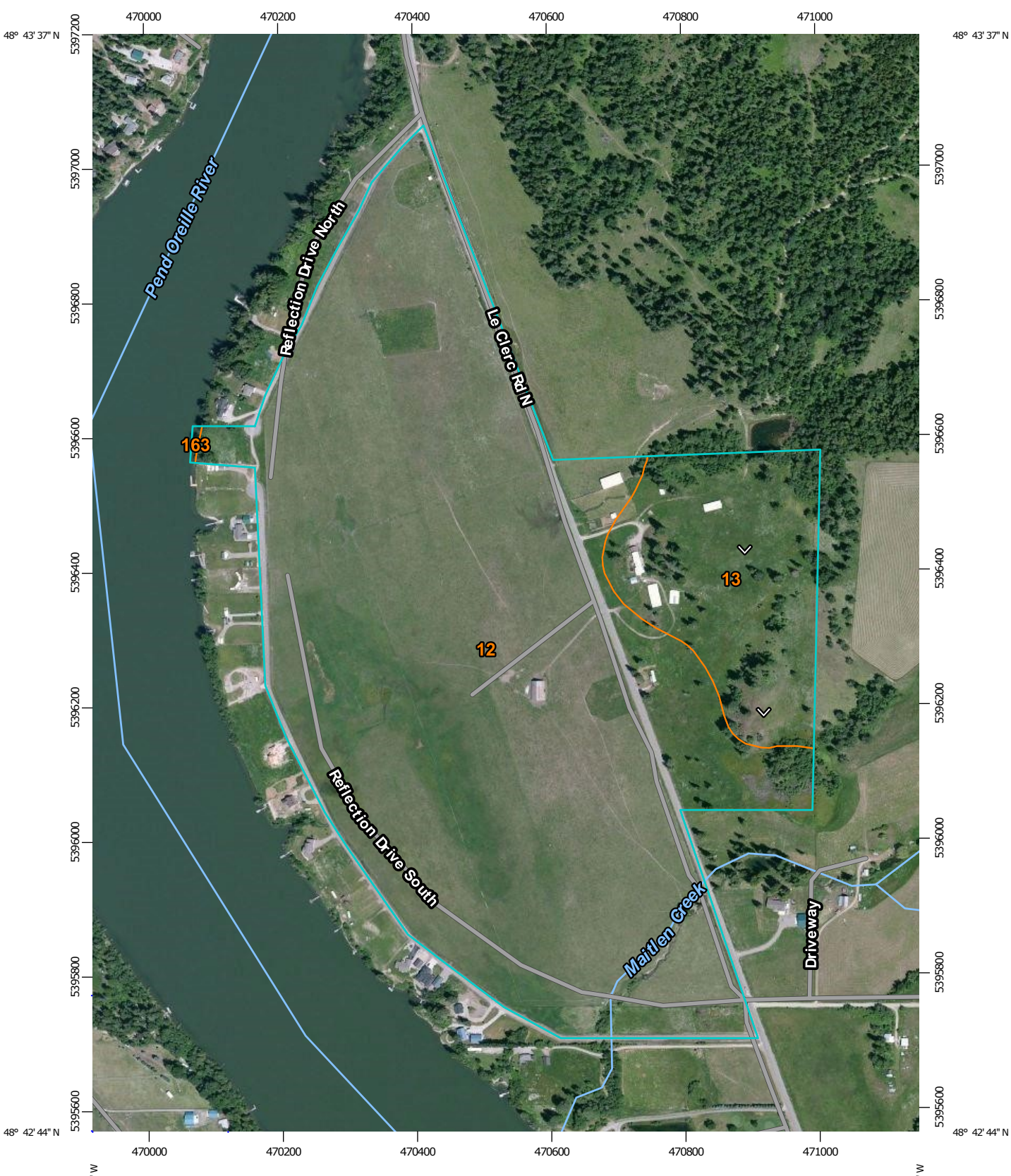
Soil Map—Pend Oreille County Area, Washington
(Wasatch Dedesignation 2016)



Map Scale: 1:7,930 if printed on A portrait (8.5" x 11") sheet.

N

Meters
0 100 200 400 600

Feet
0 350 700 1400 2100

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 1:24,000.

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: http://websoilsurvey.nrcs.usda.gov
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: Pend Oreille County Area, Washington
Survey Area Data: Version 12, Sep 11, 2015

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

Date(s) aerial images were photographed: Jul 7, 2011—Aug 3, 2011

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

Pend Oreille County Area, Washington (WA651)			
Map Unit Symbol	**Map Unit Name**	**Acres in AOI**	**Percent of AOI**
12	Anglen silt loam, 0 to 7 percent slopes	150.0	85.4%
13	Anglen silt loam, 7 to 15 percent slopes	25.6	14.6%
163	Water	0.1	0.1%
Totals for Area of Interest		**175.8**	**100.0%**

Pend Oreille County Area, Washington

12—Anglen silt loam, 0 to 7 percent slopes

Map Unit Setting

National map unit symbol: 59rc
Elevation: 2,100 to 3,000 feet
Mean annual precipitation: 27 inches
Mean annual air temperature: 45 degrees F
Frost-free period: 100 days
Farmland classification: All areas are prime farmland

Map Unit Composition

Anglen and similar soils: 100 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Anglen

Setting

Landform: Terraces
Parent material: Mantle of volcanic ash and loess over silty glacial lake sediments

Typical profile

H1 - 0 to 11 inches: ashy silt loam
H2 - 11 to 21 inches: very fine sandy loam
H3 - 21 to 30 inches: silty clay loam
H4 - 30 to 60 inches: stratified silt loam to clay

Properties and qualities

Slope: 0 to 7 percent
Depth to restrictive feature: More than 80 inches
Natural drainage class: Moderately well drained
Capacity of the most limiting layer to transmit water (Ksat): Moderately low to moderately high (0.14 to 0.57 in/hr)
Depth to water table: About 30 to 42 inches
Frequency of flooding: None
Frequency of ponding: None
Available water storage in profile: High (about 11.0 inches)

Interpretive groups

Land capability classification (irrigated): 3e
Land capability classification (nonirrigated): 3e
Hydrologic Soil Group: C
Other vegetative classification: grand fir/ninebark (CWS421)

Data Source Information

Soil Survey Area: Pend Oreille County Area, Washington
Survey Area Data: Version 12, Sep 11, 2015

Pend Oreille County Area, Washington

13—Anglen silt loam, 7 to 15 percent slopes

Map Unit Setting

National map unit symbol: 59rq
Elevation: 2,100 to 3,000 feet
Mean annual precipitation: 27 inches
Mean annual air temperature: 45 degrees F
Frost-free period: 100 days
Farmland classification: Farmland of statewide importance

Map Unit Composition

Anglen and similar soils: 100 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Anglen

Setting

Landform: Terraces
Parent material: Mantle of volcanic ash and loess over silty glacial lake sediments

Typical profile

H1 - 0 to 11 inches: ashy silt loam
H2 - 11 to 21 inches: very fine sandy loam
H3 - 21 to 30 inches: silty clay loam
H4 - 30 to 60 inches: stratified silt loam to clay

Properties and qualities

Slope: 7 to 15 percent
Depth to restrictive feature: More than 80 inches
Natural drainage class: Moderately well drained
Capacity of the most limiting layer to transmit water (Ksat): Moderately low to moderately high (0.14 to 0.57 in/hr)
Depth to water table: About 30 to 42 inches
Frequency of flooding: None
Frequency of ponding: None
Available water storage in profile: High (about 11.0 inches)

Interpretive groups

Land capability classification (irrigated): 4e
Land capability classification (nonirrigated): 3e
Hydrologic Soil Group: C
Other vegetative classification: grand fir/ninebark (CWS421)

Data Source Information

Soil Survey Area: Pend Oreille County Area, Washington
Survey Area Data: Version 12, Sep 11, 2015