Soil Map—St. Croix County, Wisconsin
(04-02-093)


Map Scale: 1:3,560 if printed on A landscape (11" x 8.5") sheet.

N

0 50 100 200 300 Meters

0 150 300 600 900 Feet

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 15N 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 1:15,800.

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: St. Croix County, Wisconsin
Survey Area Data: Version 19, Sep 8, 2023

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

Date(s) aerial images were photographed: Aug 17, 2020—Sep 2, 2020

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 |
|---|---|---|---|
| AoB | Antigo silt loam, 2 to 6 percent slopes | 0.9 | 1.4% |
| BpA | Brill silt loam, 0 to 3 percent slopes | 11.3 | 17.2% |
| EmE | Emmert loamy sand, 12 to 35 percent slopes | 0.5 | 0.8% |
| Fe | Fluvaquents | 2.6 | 4.0% |
| NcC2 | Nickin silt loam, 6 to 12 percent slopes, eroded | 4.3 | 6.6% |
| OmB | Rosholt sandy loam, 2 to 6 percent slopes | 5.7 | 8.7% |
| OmC2 | Rosholt sandy loam, 6 to 15 percent slopes | 4.8 | 7.4% |
| SaB | Santiago silt loam, 2 to 6 percent slopes | 25.2 | 38.4% |
| SlA | Sattre silt loam, 0 to 2 percent slopes | 0.1 | 0.1% |
| SrA | Skyberg silt loam, 0 to 3 percent slopes | 0.2 | 0.3% |
| WhC2 | Whalan silt loam, 6 to 12 percent slopes, eroded | 9.9 | 15.1% |
| **Totals for Area of Interest** | | **65.7** | **100.0%** |

Soil Map—Pierce County, Wisconsin
(04-02-011)


Map Scale: 1:2,660 if printed on A portrait (8.5" x 11") sheet.

N

Meters
0 35 70 140 210

Feet
0 100 200 400 600

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 15N 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 1:12,000.

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: Pierce County, Wisconsin
Survey Area Data: Version 23, Sep 8, 2023

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

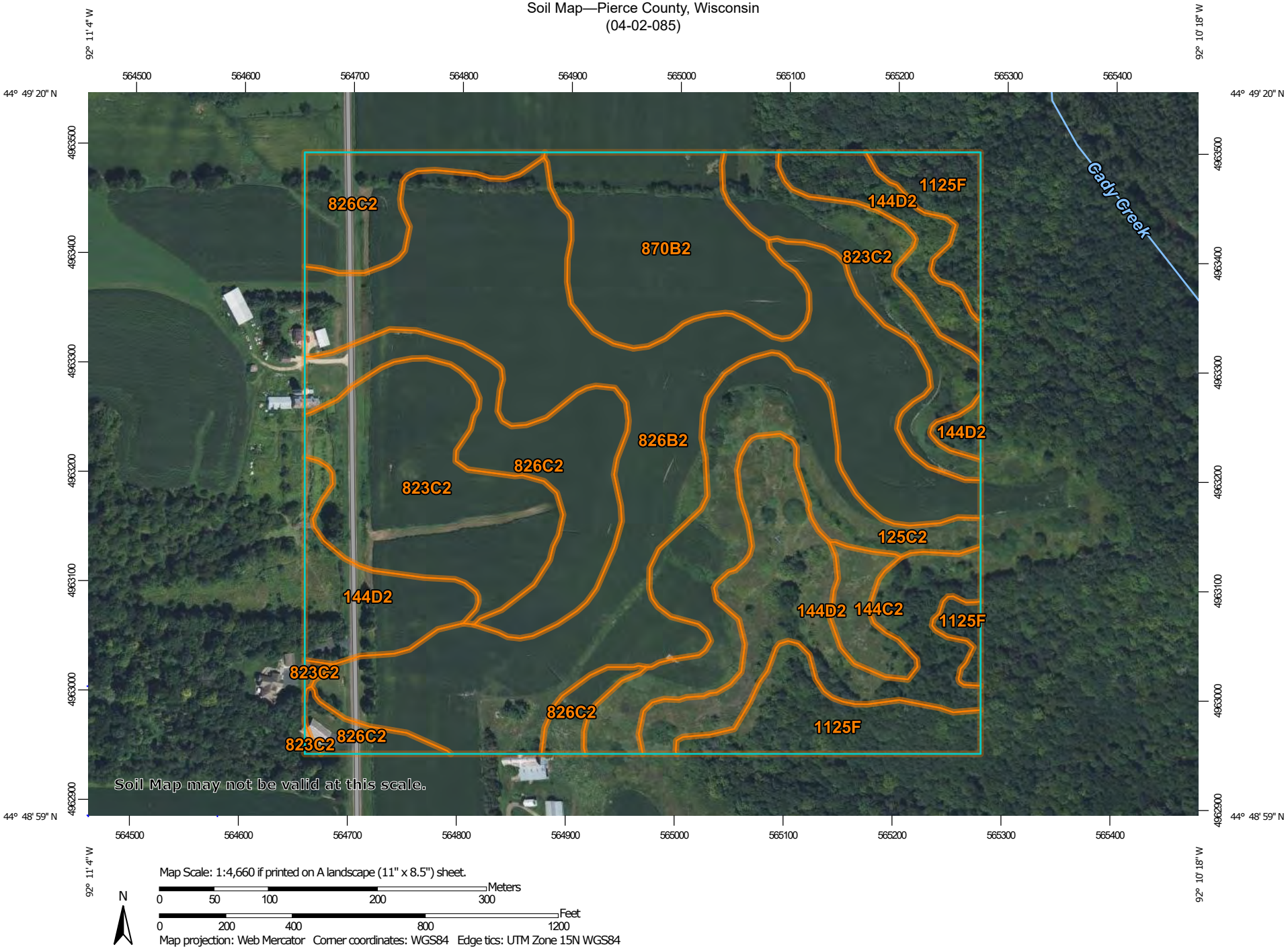
Date(s) aerial images were photographed: Aug 17, 2020—Sep 2, 2020

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 |
|---|---|---|---|
| 816B2 | Vlasaty silt loam, dissected, 2 to 6 percent slopes, moderately eroded | 19.6 | 61.8% |
| 816C2 | Vlasaty silt loam, dissected, 6 to 12 percent slopes, moderately eroded | 3.9 | 12.3% |
| 818B | Sargeant silt loam, 1 to 6 percent slopes | 6.6 | 20.9% |
| 843C2 | Wykoff loam, 6 to 12 percent slopes, moderately eroded | 1.6 | 5.1% |
| **Totals for Area of Interest** | | **31.7** | **100.0%** |

Soil Map—Pierce County, Wisconsin
(04-02-085)




Map Scale: 1:4,660 if printed on A landscape (11" x 8.5") sheet.

N

Meters
0 50 100 200 300

Feet
0 200 400 800 1200

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 15N 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 1:12,000.

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: Pierce County, Wisconsin
Survey Area Data: Version 23, Sep 8, 2023

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

Date(s) aerial images were photographed: Aug 17, 2020—Sep 2, 2020

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 |
|---|---|---|---|
| 125C2 | Pepin silt loam, 6 to 12 percent slopes, moderately eroded | 7.6 | 9.0% |
| 144C2 | Newglarus silt loam, deep, 6 to 12 percent slopes, moderately eroded | 1.3 | 1.6% |
| 144D2 | Newglarus silt loam, deep, 12 to 20 percent slopes, moderately eroded | 13.6 | 16.1% |
| 823C2 | Whalan silt loam, 6 to 12 percent slopes, moderately eroded | 12.9 | 15.3% |
| 826B2 | Hersey silt loam, 2 to 6 percent slopes, moderately eroded | 25.5 | 30.1% |
| 826C2 | Hersey silt loam, 6 to 12 percent slopes, moderately eroded | 10.5 | 12.4% |
| 870B2 | Santiago silt loam, dissected, 2 to 6 percent slopes, moderately eroded | 7.5 | 8.8% |
| 1125F | Dorerton, very stony-Elbaville complex, 30 to 60 percent slopes | 5.7 | 6.7% |
| **Totals for Area of Interest** | | **84.7** | **100.0%** |

Soil Map—Pierce County, Wisconsin
(04-02-042/3)


Map Scale: 1:2,820 if printed on A landscape (11" x 8.5") sheet.

N

Meters: 0 40 80 160 240

Feet: 0 100 200 400 600

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 15N 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 1:12,000.

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: Pierce County, Wisconsin
Survey Area Data: Version 23, Sep 8, 2023

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

Date(s) aerial images were photographed: Aug 17, 2020—Sep 2, 2020

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 |
|---|---|---|---|
| 814D2 | Renova silt loam, dissected, 12 to 20 percent slopes, moderately eroded | 0.8 | 2.2% |
| 816B2 | Vlasaty silt loam, dissected, 2 to 6 percent slopes, moderately eroded | 1.6 | 4.4% |
| 816C2 | Vlasaty silt loam, dissected, 6 to 12 percent slopes, moderately eroded | 18.6 | 52.3% |
| 826B2 | Hersey silt loam, 2 to 6 percent slopes, moderately eroded | 3.8 | 10.7% |
| 826C2 | Hersey silt loam, 6 to 12 percent slopes, moderately eroded | 9.0 | 25.2% |
| 870C2 | Santiago silt loam, dissected, 6 to 12 percent slopes, moderately eroded | 1.9 | 5.2% |
| **Totals for Area of Interest** | | **35.7** | **100.0%** |


Map Scale: 1:3,910 if printed on A landscape (11" x 8.5") sheet.

N

Meters: 0 50 100 200 300

Feet: 0 150 300 600 900

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 15N 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 1:12,000.

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: Pierce County, Wisconsin
Survey Area Data: Version 23, Sep 8, 2023

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

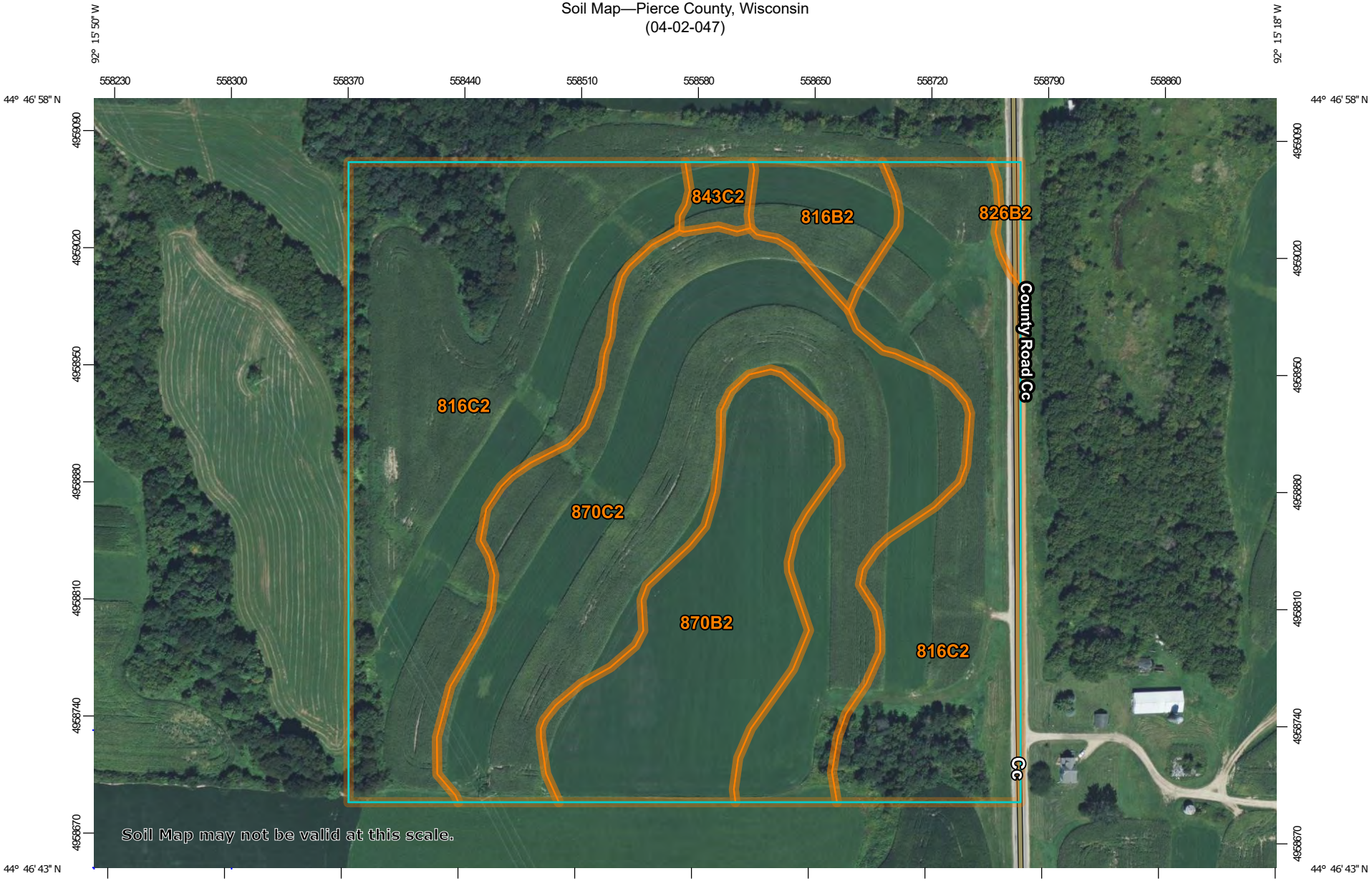
Date(s) aerial images were photographed: Aug 17, 2020—Sep 2, 2020

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 |
|---|---|---|---|
| 816B2 | Vlasaty silt loam, dissected, 2 to 6 percent slopes, moderately eroded | 3.2 | 5.3% |
| 816C2 | Vlasaty silt loam, dissected, 6 to 12 percent slopes, moderately eroded | 20.7 | 34.4% |
| 818B | Sargeant silt loam, 1 to 6 percent slopes | 0.5 | 0.9% |
| 819A | Clyde silt loam, 0 to 3 percent slopes | 0.3 | 0.6% |
| 870B2 | Santiago silt loam, dissected, 2 to 6 percent slopes, moderately eroded | 6.4 | 10.6% |
| 870C2 | Santiago silt loam, dissected, 6 to 12 percent slopes, moderately eroded | 29.0 | 48.2% |
| **Totals for Area of Interest** | | **60.1** | **100.0%** |

Soil Map—Pierce County, Wisconsin
(04-02-047)




Map Scale: 1:3,240 if printed on A landscape (11" x 8.5") sheet.

N

Meters
0 45 90 180 270

Feet
0 150 300 600 900

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 15N 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 1:12,000.

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: Pierce County, Wisconsin
Survey Area Data: Version 23, Sep 8, 2023

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

Date(s) aerial images were photographed: Aug 17, 2020—Sep 2, 2020

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 |
|---|---|---|---|
| 816B2 | Vlasaty silt loam, dissected, 2 to 6 percent slopes, moderately eroded | 1.3 | 3.4% |
| 816C2 | Vlasaty silt loam, dissected, 6 to 12 percent slopes, moderately eroded | 18.3 | 47.8% |
| 826B2 | Hersey silt loam, 2 to 6 percent slopes, moderately eroded | 0.2 | 0.6% |
| 843C2 | Wykoff loam, 6 to 12 percent slopes, moderately eroded | 0.4 | 1.0% |
| 870B2 | Santiago silt loam, dissected, 2 to 6 percent slopes, moderately eroded | 5.6 | 14.5% |
| 870C2 | Santiago silt loam, dissected, 6 to 12 percent slopes, moderately eroded | 12.5 | 32.7% |
| **Totals for Area of Interest** | | **38.3** | **100.0%** |

Soil Map—Pierce County, Wisconsin
(04-03-032/3)


Map Scale: 1:2,930 if printed on A landscape (11" x 8.5") sheet.

N

Meters: 0 40 80 160 240

Feet: 0 100 200 400 600

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 15N 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 1:12,000.

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: Pierce County, Wisconsin
Survey Area Data: Version 23, Sep 8, 2023

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

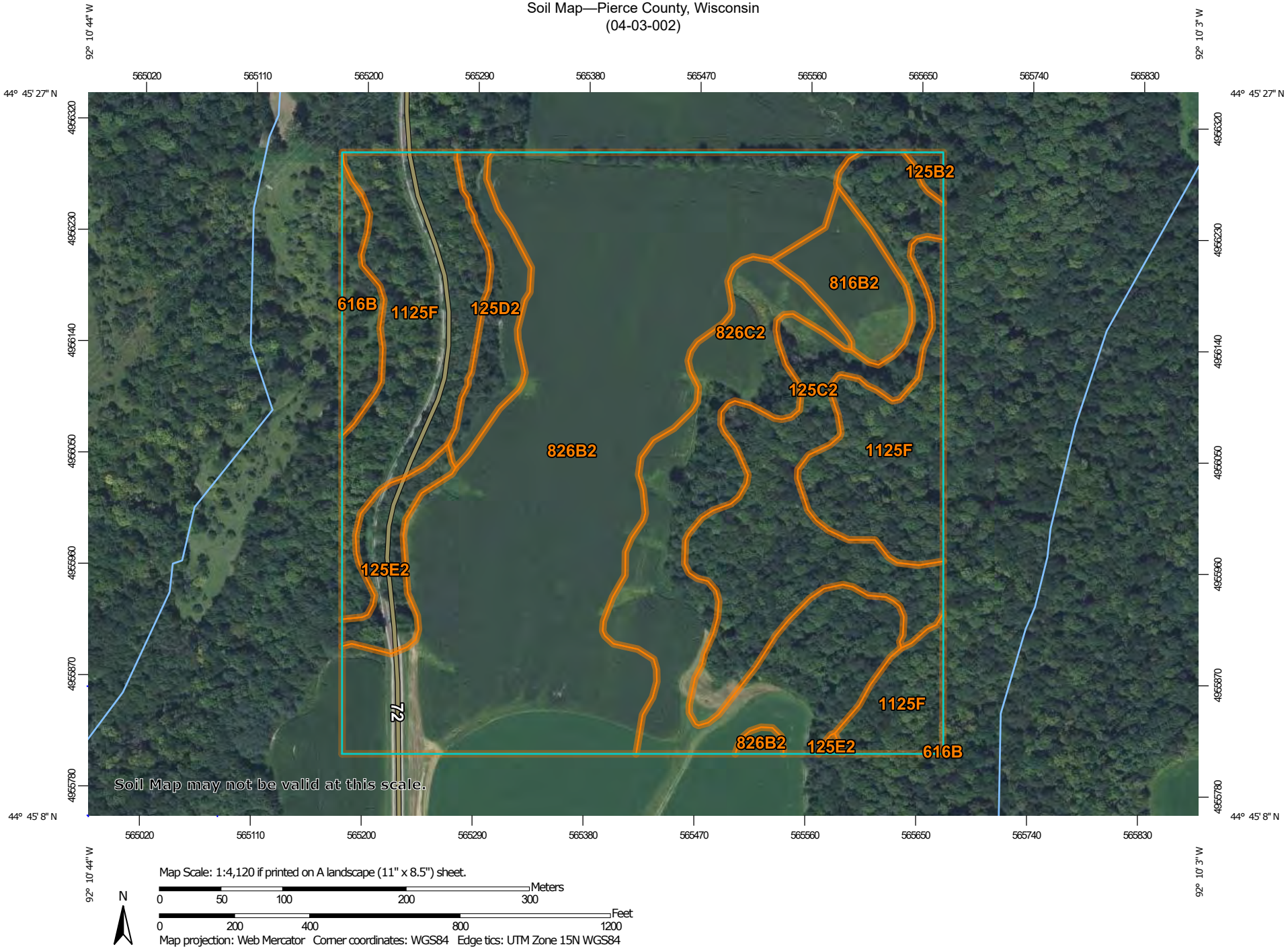
Date(s) aerial images were photographed: Aug 17, 2020—Sep 2, 2020

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 |
|---|---|---|---|
| 125C2 | Pepin silt loam, 6 to 12 percent slopes, moderately eroded | 5.6 | 16.8% |
| 125D2 | Pepin silt loam, 12 to 20 percent slopes, moderately eroded | 1.0 | 2.9% |
| 144D2 | Newglarus silt loam, deep, 12 to 20 percent slopes, moderately eroded | 1.6 | 4.9% |
| 816C2 | Vlasaty silt loam, dissected, 6 to 12 percent slopes, moderately eroded | 4.7 | 13.9% |
| 826B2 | Hersey silt loam, 2 to 6 percent slopes, moderately eroded | 6.7 | 19.9% |
| 826C2 | Hersey silt loam, 6 to 12 percent slopes, moderately eroded | 14.0 | 41.7% |
| **Totals for Area of Interest** | | **33.5** | **100.0%** |

Soil Map—Pierce County, Wisconsin
(04-03-002)




Map Scale: 1:4,120 if printed on A landscape (11" x 8.5") sheet.

N

Meters
0 50 100 200 300

Feet
0 200 400 800 1200

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 15N 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 1:12,000.

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: Pierce County, Wisconsin
Survey Area Data: Version 23, Sep 8, 2023

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

Date(s) aerial images were photographed: Aug 17, 2020—Sep 2, 2020

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 |
|---|---|---|---|
| 125B2 | Pepin silt loam, 2 to 6 percent slopes, moderately eroded | 0.2 | 0.3% |
| 125C2 | Pepin silt loam, 6 to 12 percent slopes, moderately eroded | 8.0 | 13.5% |
| 125D2 | Pepin silt loam, 12 to 20 percent slopes, moderately eroded | 1.8 | 3.1% |
| 125E2 | Pepin silt loam, 20 to 30 percent slopes, moderately eroded | 1.6 | 2.6% |
| 616B | Chaseburg silt loam, 1 to 4 percent slopes, occasionally flooded | 1.2 | 2.1% |
| 816B2 | Vlasaty silt loam, dissected, 2 to 6 percent slopes, moderately eroded | 1.9 | 3.2% |
| 826B2 | Hersey silt loam, 2 to 6 percent slopes, moderately eroded | 23.7 | 40.2% |
| 826C2 | Hersey silt loam, 6 to 12 percent slopes, moderately eroded | 9.3 | 15.7% |
| 1125F | Dorerton, very stony-Elbaville complex, 30 to 60 percent slopes | 11.3 | 19.2% |
| **Totals for Area of Interest** | | **58.9** | **100.0%** |

Soil Map—Pierce County, Wisconsin
(04-03-009/10)

## 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 1:12,000.

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: Pierce County, Wisconsin
Survey Area Data: Version 23, Sep 8, 2023

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

Date(s) aerial images were photographed: Aug 17, 2020—Sep 2, 2020

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 |
|---|---|---|---|
| 125C2 | Pepin silt loam, 6 to 12 percent slopes, moderately eroded | 4.0 | 2.3% |
| 125D2 | Pepin silt loam, 12 to 20 percent slopes, moderately eroded | 2.5 | 1.4% |
| 125E2 | Pepin silt loam, 20 to 30 percent slopes, moderately eroded | 0.0 | 0.0% |
| 144D2 | Newglarus silt loam, deep, 12 to 20 percent slopes, moderately eroded | 1.4 | 0.8% |
| 823C2 | Whalan silt loam, 6 to 12 percent slopes, moderately eroded | 9.1 | 5.2% |
| 826B2 | Hersey silt loam, 2 to 6 percent slopes, moderately eroded | 101.1 | 58.4% |
| 826C2 | Hersey silt loam, 6 to 12 percent slopes, moderately eroded | 55.2 | 31.9% |
| **Totals for Area of Interest** | | **173.2** | **100.0%** |

Soil Map—Pierce County, Wisconsin
(04-03-028)


Map Scale: 1:3,100 if printed on A landscape (11" x 8.5") sheet.

N

Meters: 0 45 90 180 270

Feet: 0 150 300 600 900

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 15N 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 1:12,000.

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: Pierce County, Wisconsin
Survey Area Data: Version 23, Sep 8, 2023

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

Date(s) aerial images were photographed: Aug 17, 2020—Sep 2, 2020

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 |
|---|---|---|---|
| 125D2 | Pepin silt loam, 12 to 20 percent slopes, moderately eroded | 0.7 | 2.0% |
| 144D2 | Newglarus silt loam, deep, 12 to 20 percent slopes, moderately eroded | 0.1 | 0.4% |
| 816B2 | Vlasaty silt loam, dissected, 2 to 6 percent slopes, moderately eroded | 14.5 | 41.3% |
| 816C2 | Vlasaty silt loam, dissected, 6 to 12 percent slopes, moderately eroded | 0.1 | 0.2% |
| 826B2 | Hersey silt loam, 2 to 6 percent slopes, moderately eroded | 1.3 | 3.7% |
| 826C2 | Hersey silt loam, 6 to 12 percent slopes, moderately eroded | 18.4 | 52.5% |
| **Totals for Area of Interest** | | **35.1** | **100.0%** |

Soil Map—Pierce County, Wisconsin
(04-02-037)


Map Scale: 1:3,000 if printed on A portrait (8.5" x 11") sheet.

N

Meters: 0 40 80 160 240

Feet: 0 100 200 400 600

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 15N 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 1:12,000.

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: Pierce County, Wisconsin
Survey Area Data: Version 23, Sep 8, 2023

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

Date(s) aerial images were photographed: Aug 17, 2020—Sep 2, 2020

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 |
|---|---|---|---|
| 125B2 | Pepin silt loam, 2 to 6 percent slopes, moderately eroded | 8.6 | 18.8% |
| 125C2 | Pepin silt loam, 6 to 12 percent slopes, moderately eroded | 8.3 | 18.2% |
| 125D2 | Pepin silt loam, 12 to 20 percent slopes, moderately eroded | 2.7 | 5.9% |
| 826B2 | Hersey silt loam, 2 to 6 percent slopes, moderately eroded | 6.7 | 14.7% |
| 826C2 | Hersey silt loam, 6 to 12 percent slopes, moderately eroded | 19.4 | 42.4% |
| 892B | Chaseburg silt loam, till plain, 1 to 6 percent slopes, occasionally flooded | 0.0 | 0.0% |
| **Totals for Area of Interest** | | **45.7** | **100.0%** |

Soil Map—Pierce County, Wisconsin
(04-03-018/20)


Map Scale: 1:3,180 if printed on A portrait (8.5" x 11") sheet.

N

Meters: 0 45 90 180 270

Feet: 0 150 300 600 900

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 15N 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 1:12,000.

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: Pierce County, Wisconsin
Survey Area Data: Version 23, Sep 8, 2023

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

Date(s) aerial images were photographed: Aug 17, 2020—Sep 2, 2020

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 |
|---|---|---|---|
| 125D2 | Pepin silt loam, 12 to 20 percent slopes, moderately eroded | 0.2 | 0.4% |
| 826B2 | Hersey silt loam, 2 to 6 percent slopes, moderately eroded | 43.2 | 89.0% |
| 826C2 | Hersey silt loam, 6 to 12 percent slopes, moderately eroded | 5.1 | 10.6% |
| **Totals for Area of Interest** | | **48.5** | **100.0%** |

# St. Croix County, Wisconsin

## SaB—Santiago silt loam, 2 to 6 percent slopes

### Map Unit Setting

*National map unit symbol:* g5b3
*Elevation:* 700 to 1,900 feet
*Mean annual precipitation:* 28 to 36 inches
*Mean annual air temperature:* 39 to 48 degrees F
*Frost-free period:* 120 to 170 days
*Farmland classification:* All areas are prime farmland

### Map Unit Composition

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

### Description of Santiago

#### Setting

*Landform:* Ground moraines
*Landform position (two-dimensional):* Summit
*Down-slope shape:* Convex
*Across-slope shape:* Convex
*Parent material:* Loamy drift and/or loess over loamy till

#### Typical profile

*Ap - 0 to 7 inches:* silt loam
*A2 - 7 to 11 inches:* silt loam
*A&B,B&A - 11 to 20 inches:* silt loam
*2B21-22t,2B3 - 20 to 34 inches:* loam
*2C - 34 to 60 inches:* sandy loam

#### Properties and qualities

*Slope:* 2 to 6 percent
*Depth to restrictive feature:* More than 80 inches
*Drainage class:* Well drained
*Runoff class:* High
*Capacity of the most limiting layer to transmit water (Ksat):* Moderately high to high (0.57 to 1.98 in/hr)
*Depth to water table:* More than 80 inches
*Frequency of flooding:* None
*Frequency of ponding:* None
*Available water supply, 0 to 60 inches:* High (about 9.5 inches)

#### Interpretive groups

*Land capability classification (irrigated):* None specified
*Land capability classification (nonirrigated):* 2e
*Hydrologic Soil Group:* B
*Ecological site:* F090AY016WI - Loamy Upland
*Forage suitability group:* Mod AWC, adequately drained (G105XY005WI)

*Other vegetative classification:* Mod AWC, adequately drained (G105XY005WI)
*Hydric soil rating:* No

## Data Source Information

Soil Survey Area: St. Croix County, Wisconsin
Survey Area Data: Version 19, Sep 8, 2023

# Pierce County, Wisconsin

## 816B2—Vlasaty silt loam, dissected, 2 to 6 percent slopes, moderately eroded

### Map Unit Setting

*National map unit symbol:* 1ttvy
*Elevation:* 850 to 1,280 feet
*Mean annual precipitation:* 31 to 39 inches
*Mean annual air temperature:* 41 to 50 degrees F
*Frost-free period:* 120 to 190 days
*Farmland classification:* All areas are prime farmland

### Map Unit Composition

*Vlasaty, dissected, and similar soils:* 90 percent
*Minor components:* 10 percent
*Estimates are based on observations, descriptions, and transects of the mapunit.*

### Description of Vlasaty, Dissected

#### Setting

*Landform:* Till plains
*Landform position (two-dimensional):* Summit, shoulder
*Down-slope shape:* Convex
*Across-slope shape:* Convex
*Parent material:* Loess over loamy till

#### Typical profile

*Ap - 0 to 8 inches:* silt loam
*E - 8 to 12 inches:* silt loam
*Bt1 - 12 to 16 inches:* silt loam
*2Bt - 16 to 42 inches:* clay loam
*2C - 42 to 80 inches:* loam

#### Properties and qualities

*Slope:* 2 to 6 percent
*Depth to restrictive feature:* More than 80 inches
*Drainage class:* Moderately well drained
*Runoff class:* Low
*Capacity of the most limiting layer to transmit water (Ksat):* Moderately high (0.20 to 0.60 in/hr)
*Depth to water table:* About 18 to 30 inches
*Frequency of flooding:* None
*Frequency of ponding:* None
*Calcium carbonate, maximum content:* 15 percent
*Available water supply, 0 to 60 inches:* High (about 10.5 inches)

#### Interpretive groups

*Land capability classification (irrigated):* None specified
*Land capability classification (nonirrigated):* 2e
*Hydrologic Soil Group:* C

*Ecological site:* F090BY015WI - Loamy Upland with Carbonates
*Forage suitability group:* High AWC, adequately drained (G105XY008WI)
*Other vegetative classification:* High AWC, adequately drained (G105XY008WI)
*Hydric soil rating:* No

**Minor Components**

**Sargeant**
*Percent of map unit:* 3 percent
*Ecological site:* F090BY010WI - Moist Loamy Lowland with Carbonates
*Hydric soil rating:* No

**Hersey**
*Percent of map unit:* 3 percent
*Ecological site:* F104XY009IA - Loamy Upland Woodland
*Hydric soil rating:* No

**Whalan**
*Percent of map unit:* 2 percent
*Ecological site:* F090BY014WI - Loamy Bedrock Upland
*Hydric soil rating:* No

**Wykoff**
*Percent of map unit:* 2 percent
*Ecological site:* F090BY016WI - Loamy Upland
*Hydric soil rating:* No

# Data Source Information

Soil Survey Area: Pierce County, Wisconsin
Survey Area Data: Version 23, Sep 8, 2023

# Pierce County, Wisconsin

## 826B2—Hersey silt loam, 2 to 6 percent slopes, moderately eroded

### Map Unit Setting

*National map unit symbol:* 2yvb3
*Elevation:* 800 to 1,400 feet
*Mean annual precipitation:* 31 to 39 inches
*Mean annual air temperature:* 41 to 50 degrees F
*Frost-free period:* 120 to 190 days
*Farmland classification:* All areas are prime farmland

### Map Unit Composition

*Hersey and similar soils:* 92 percent
*Minor components:* 8 percent
*Estimates are based on observations, descriptions, and transects of the mapunit.*

### Description of Hersey

#### Setting

*Landform:* Ground moraines
*Landform position (two-dimensional):* Summit
*Landform position (three-dimensional):* Interfluve
*Down-slope shape:* Convex
*Across-slope shape:* Linear
*Parent material:* Loess over loamy till

#### Typical profile

*Ap - 0 to 8 inches:* silt loam
*Bt1 - 8 to 15 inches:* silt loam
*Bt2 - 15 to 22 inches:* silt loam
*Bt3 - 22 to 36 inches:* silt loam
*Bt4 - 36 to 58 inches:* silt loam
*2Bt5 - 58 to 79 inches:* clay loam

#### Properties and qualities

*Slope:* 2 to 6 percent
*Depth to restrictive feature:* More than 80 inches
*Drainage class:* Moderately well drained
*Capacity of the most limiting layer to transmit water (Ksat):* Very low to moderately high (0.00 to 0.20 in/hr)
*Depth to water table:* About 42 to 48 inches
*Frequency of flooding:* None
*Frequency of ponding:* None
*Maximum salinity:* Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
*Available water supply, 0 to 60 inches:* Very high (about 12.6 inches)

**Interpretive groups**

*Land capability classification (irrigated):* None specified
*Land capability classification (nonirrigated):* 2e
*Hydrologic Soil Group:* B
*Ecological site:* F105XY013WI - Loamy-Silty Upland
*Forage suitability group:* High AWC, adequately drained (G105XY008WI)
*Other vegetative classification:* High AWC, adequately drained (G105XY008WI), Acer/Tilia/Caulophyllum-Laportea (ATiCa-La)
*Hydric soil rating:* No

**Minor Components**

**Vasa, somewhat poorly**

*Percent of map unit:* 4 percent
*Landform:* Ground moraines
*Landform position (two-dimensional):* Summit
*Landform position (three-dimensional):* Interfluve
*Down-slope shape:* Concave
*Across-slope shape:* Linear
*Ecological site:* F105XY008WI - Moist Loamy-Clayey Lowland
*Other vegetative classification:* High AWC, high water table (G105XY007WI), Acer saccharum/Vaccinium-Desmodium (AVDe)
*Hydric soil rating:* No

**Seaton, ridge**

*Percent of map unit:* 2 percent
*Landform:* Ridges
*Landform position (two-dimensional):* Summit
*Landform position (three-dimensional):* Interfluve
*Down-slope shape:* Convex
*Across-slope shape:* Linear
*Ecological site:* F105XY013WI - Loamy-Silty Upland
*Other vegetative classification:* High AWC, adequately drained (G105XY008WI), Acer/Tilia/Caulophyllum-Laportea (ATiCa-La)
*Hydric soil rating:* No

**Vlasaty, dissected**

*Percent of map unit:* 1 percent
*Landform:* Ground moraines
*Landform position (two-dimensional):* Shoulder, summit
*Landform position (three-dimensional):* Interfluve
*Down-slope shape:* Convex
*Across-slope shape:* Convex
*Ecological site:* F105XY013WI - Loamy-Silty Upland
*Other vegetative classification:* High AWC, adequately drained (G105XY008WI), Acer rubrum-Circaea (ArCi)
*Hydric soil rating:* No

**Pepin**

*Percent of map unit:* 1 percent
*Landform:* Ridges

*Landform position (two-dimensional):* Summit
*Landform position (three-dimensional):* Interfluve
*Down-slope shape:* Convex
*Across-slope shape:* Linear
*Ecological site:* F105XY013WI - Loamy-Silty Upland
*Other vegetative classification:* High AWC, adequately drained (G105XY008WI), Acer/Tilia/Caulophyllum-Laportea (ATiCa-La)
*Hydric soil rating:* No

## Data Source Information

Soil Survey Area: Pierce County, Wisconsin
Survey Area Data: Version 23, Sep 8, 2023

# Pierce County, Wisconsin

## 870B2—Santiago silt loam, dissected, 2 to 6 percent slopes, moderately eroded

### Map Unit Setting

*National map unit symbol:* 1ttvn
*Elevation:* 780 to 1,950 feet
*Mean annual precipitation:* 31 to 35 inches
*Mean annual air temperature:* 41 to 46 degrees F
*Frost-free period:* 120 to 150 days
*Farmland classification:* All areas are prime farmland

### Map Unit Composition

*Santiago, dissected, and similar soils:* 85 percent
*Minor components:* 15 percent
*Estimates are based on observations, descriptions, and transects of the mapunit.*

### Description of Santiago, Dissected

#### Setting

*Landform:* Till plains
*Landform position (two-dimensional):* Summit, shoulder
*Down-slope shape:* Convex
*Across-slope shape:* Convex
*Parent material:* Loess over loamy till

#### Typical profile

*Ap - 0 to 10 inches:* silt loam
*E/B - 10 to 15 inches:* silt loam
*B/E - 15 to 23 inches:* silt loam
*2Bt - 23 to 87 inches:* gravelly sandy loam
*2Cd - 87 to 102 inches:* sandy loam

#### Properties and qualities

*Slope:* 2 to 6 percent
*Depth to restrictive feature:* More than 80 inches
*Drainage class:* Well drained
*Runoff class:* Low
*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:* More than 80 inches
*Frequency of flooding:* None
*Frequency of ponding:* None
*Available water supply, 0 to 60 inches:* High (about 9.3 inches)

#### Interpretive groups

*Land capability classification (irrigated):* None specified
*Land capability classification (nonirrigated):* 2e
*Hydrologic Soil Group:* C
*Ecological site:* F090BY016WI - Loamy Upland

*Forage suitability group:* Mod AWC, adequately drained (G105XY005WI)
*Other vegetative classification:* Mod AWC, adequately drained (G105XY005WI)
*Hydric soil rating:* No

**Minor Components**

**Freeon**
*Percent of map unit:* 4 percent
*Ecological site:* F090BY016WI - Loamy Upland
*Hydric soil rating:* No

**Dobie**
*Percent of map unit:* 3 percent
*Ecological site:* F105XY012WI - Shallow Loamy-Silty Upland
*Hydric soil rating:* No

**Arland**
*Percent of map unit:* 3 percent
*Ecological site:* F090BY014WI - Loamy Bedrock Upland
*Hydric soil rating:* No

**Amery**
*Percent of map unit:* 3 percent
*Ecological site:* F090BY016WI - Loamy Upland
*Hydric soil rating:* No

**Santiago, stony loam**
*Percent of map unit:* 2 percent
*Ecological site:* F090BY016WI - Loamy Upland
*Hydric soil rating:* No

# Data Source Information

Soil Survey Area: Pierce County, Wisconsin
Survey Area Data: Version 23, Sep 8, 2023