

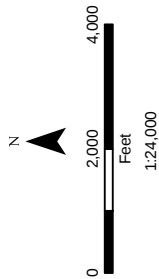
Section 4906-4-08: Figures

- **Figure 08-4: Floodplains (Sheets 5 - 11 of 11)**
- **Figure 08-5: Soils (11 Sheets)**
- **Figure 08-6: Location of Geotechnical Borings**
- **Figure 08-7: Wind Rose**
- **Figure 08-8: Expected Shadow Flicker Impact Areas**

**Figure 08-4
Floodplains**
Sheet 5 of 11

Seneca Wind
Seneca County, Ohio

-  Project Area
-  0.5-mile Buffer
- Proposed Turbines (Hub Height)
 -  GE 2.3-116 (80 m)
 -  GE 2.3-116 (90 m)
 -  GE 2.3-116 (94 m)
 -  GE 2.5-127 (134 m)
-  River/Stream
-  > 12% Slope
-  FEMA Flood Hazard Area
-  1% Annual Chance
-  Floodway
-  0.25% Annual Chance
-  Highway
-  County Boundary



Source: ESRI (2016), FEMA (2018)

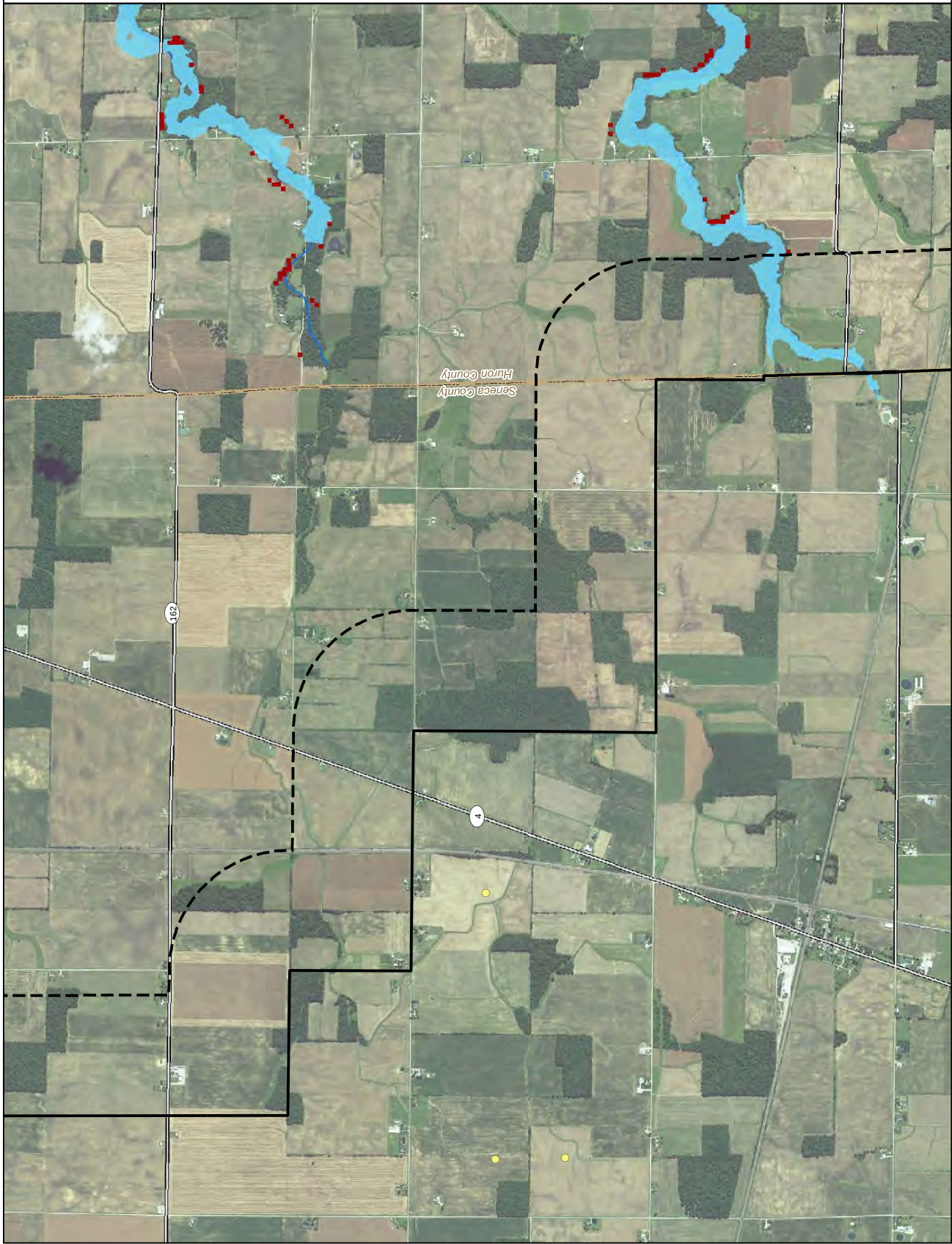
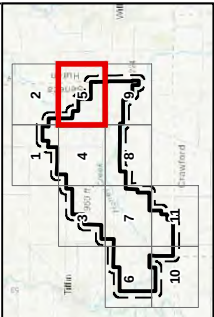


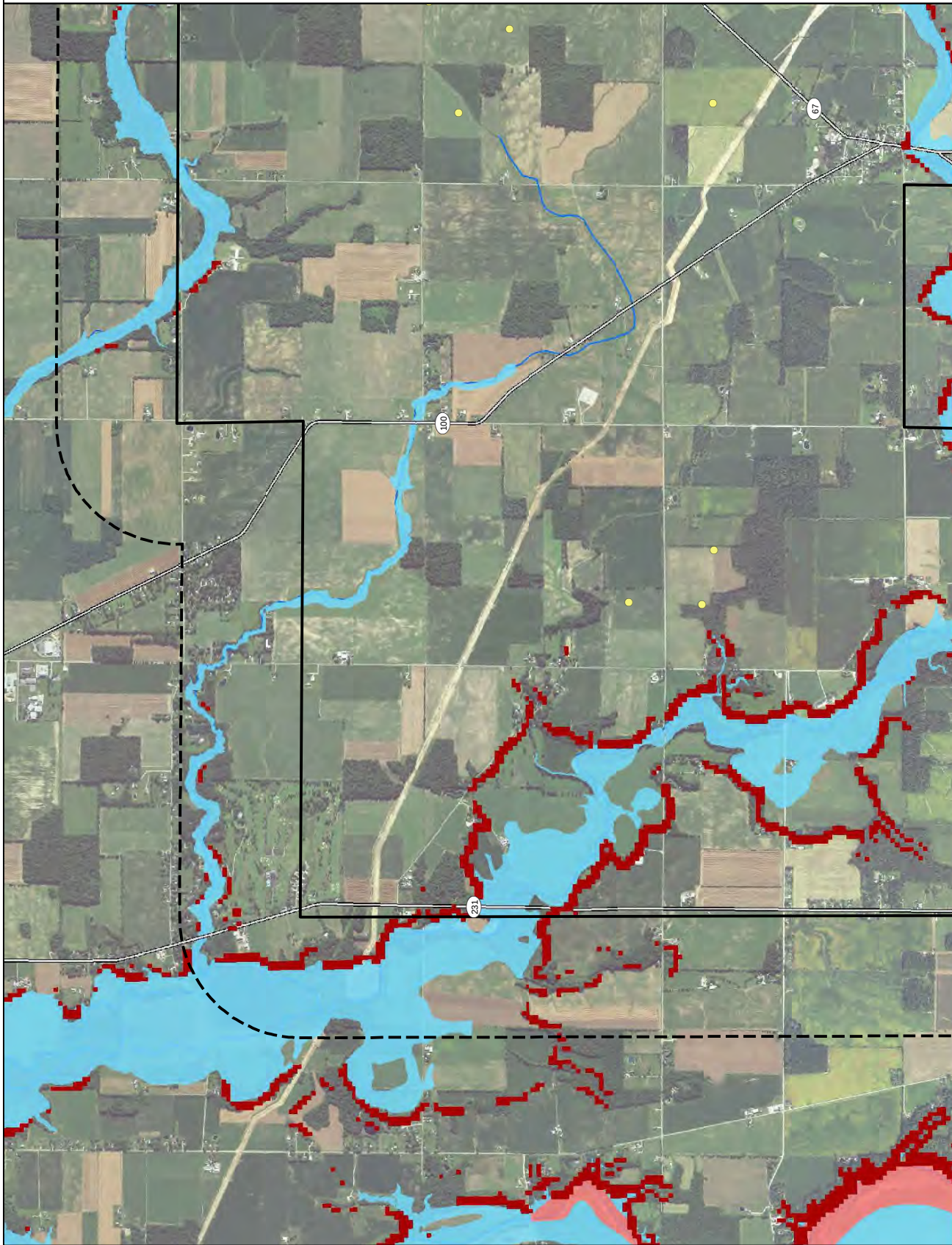
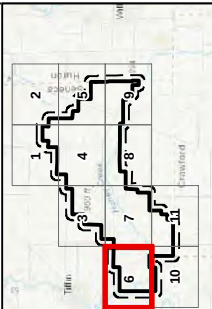
Figure 08-4
Floodplains
Sheet 6 of 11

Seneca Wind
Seneca County, Ohio

-  Project Area
-  0.5-mile Buffer
- Proposed Turbines (Hub Height)
 -  GE 2.3-116 (80 m)
 -  GE 2.3-116 (90 m)
 -  GE 2.3-116 (94 m)
 -  GE 2.5-127 (134 m)
-  River/Stream
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-  FEMA Flood Hazard Area
-  1% Annual Chance
-  Floodway
-  0.25% Annual Chance
-  Highway
-  County Boundary



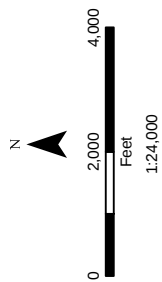
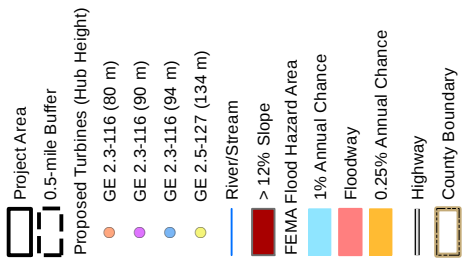
Source: ESRI (2016), FEMA (2018)



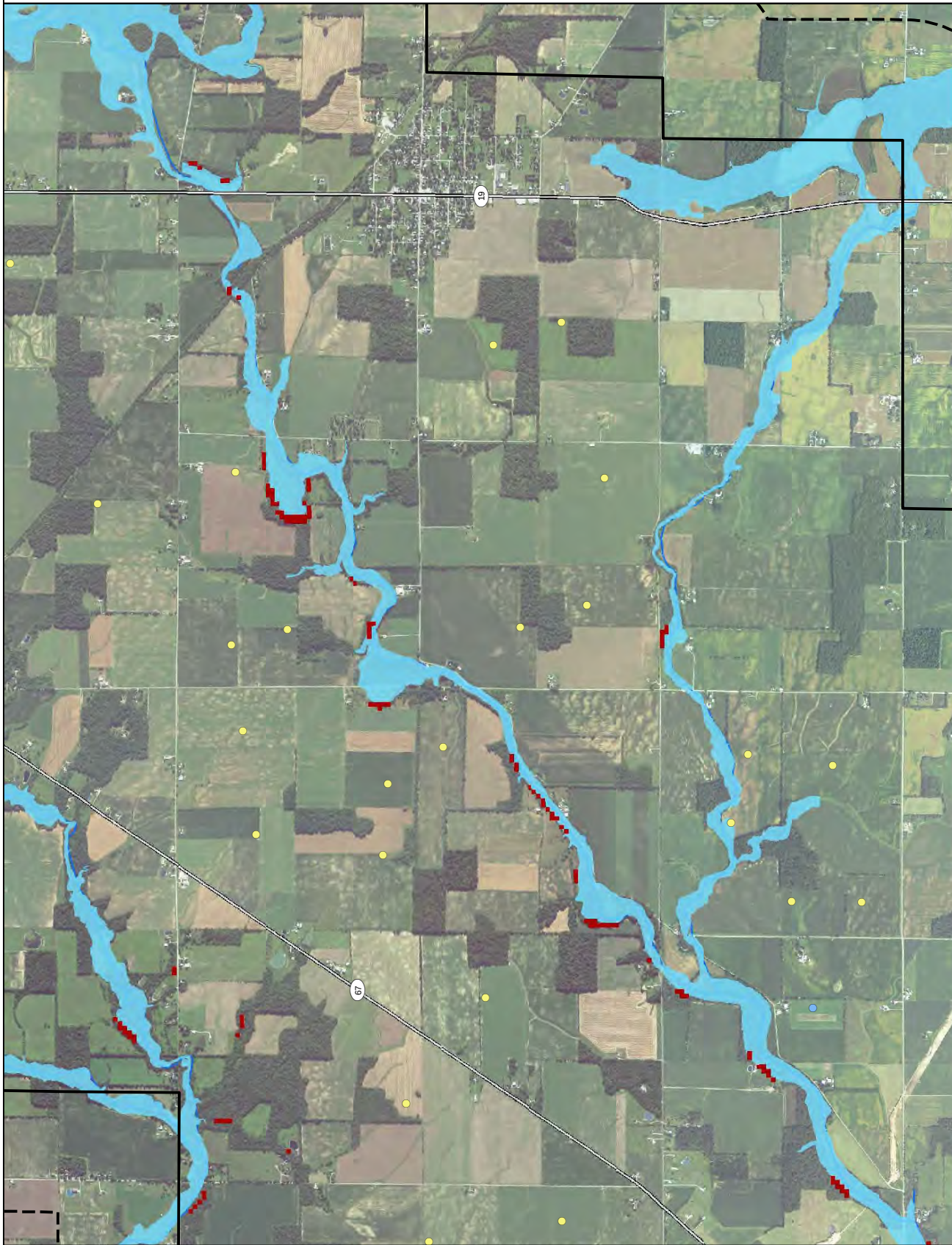
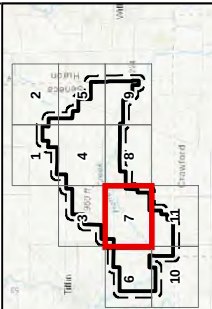
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Figure 08-4
Floodplains
Sheet 7 of 11

Seneca Wind
Seneca County, Ohio



Source: ESRI (2016), FEMA (2018)



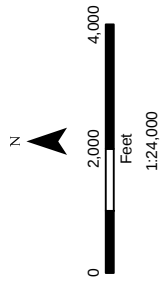
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**Figure 08-4
Floodplains**

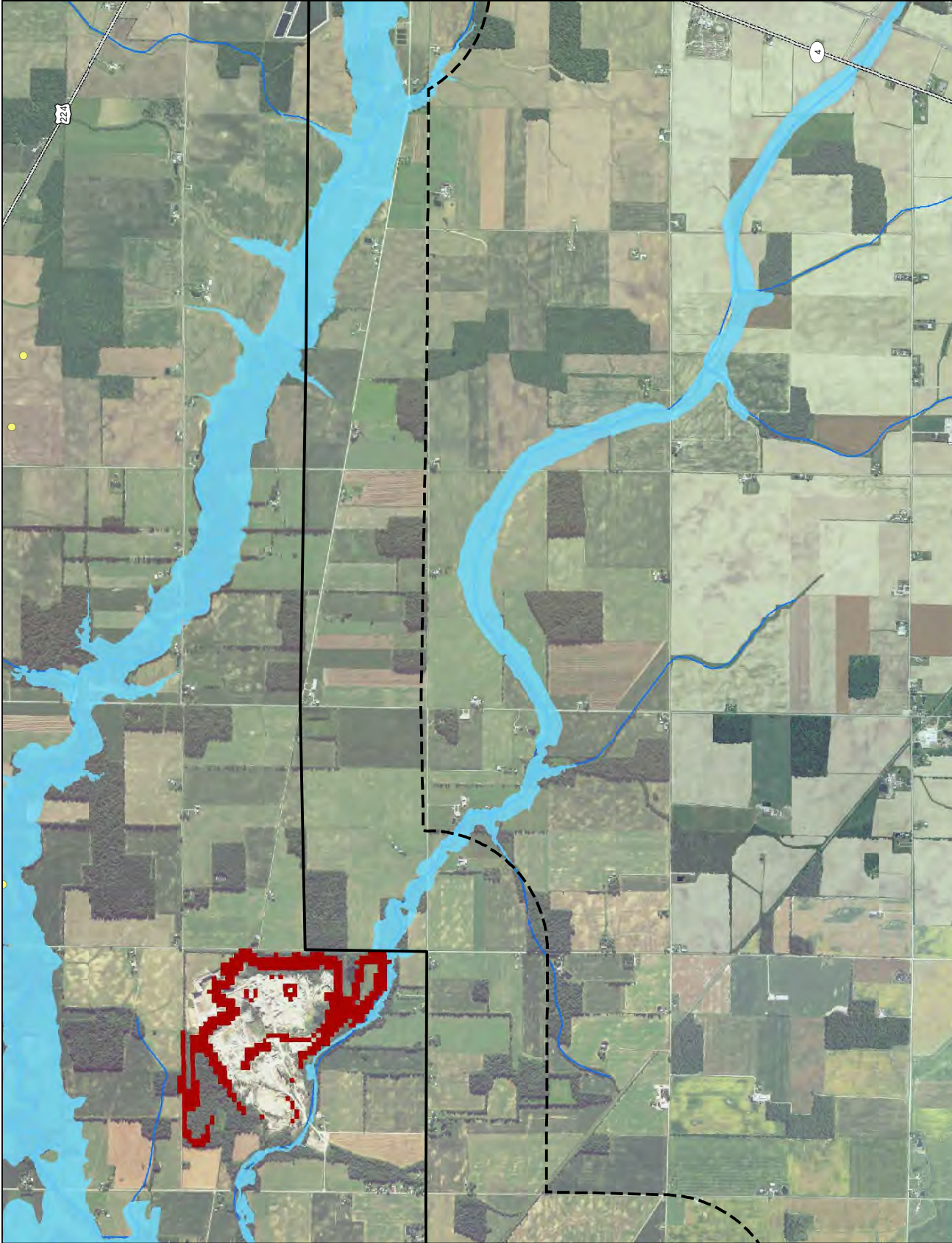
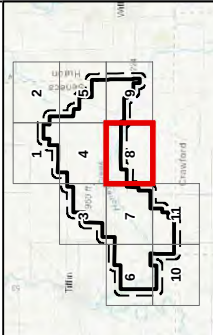
Sheet 8 of 11

Seneca Wind
Seneca County, Ohio

-  Project Area
-  0.5-mile Buffer
- Proposed Turbines (Hub Height)
 -  GE 2.3-116 (80 m)
 -  GE 2.3-116 (90 m)
 -  GE 2.3-116 (94 m)
 -  GE 2.5-127 (134 m)
-  River/Stream
-  > 12% Slope
-  FEMA Flood Hazard Area
-  1% Annual Chance
-  Floodway
-  0.25% Annual Chance
-  Highway
-  County Boundary



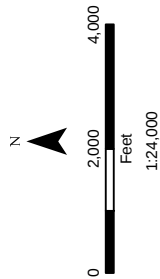
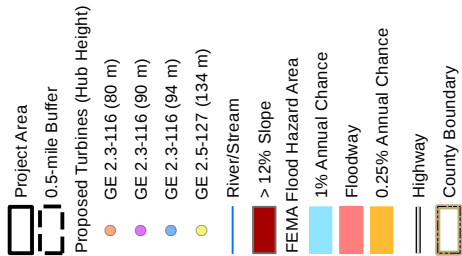
Source: ESRI (2016), FEMA (2018)



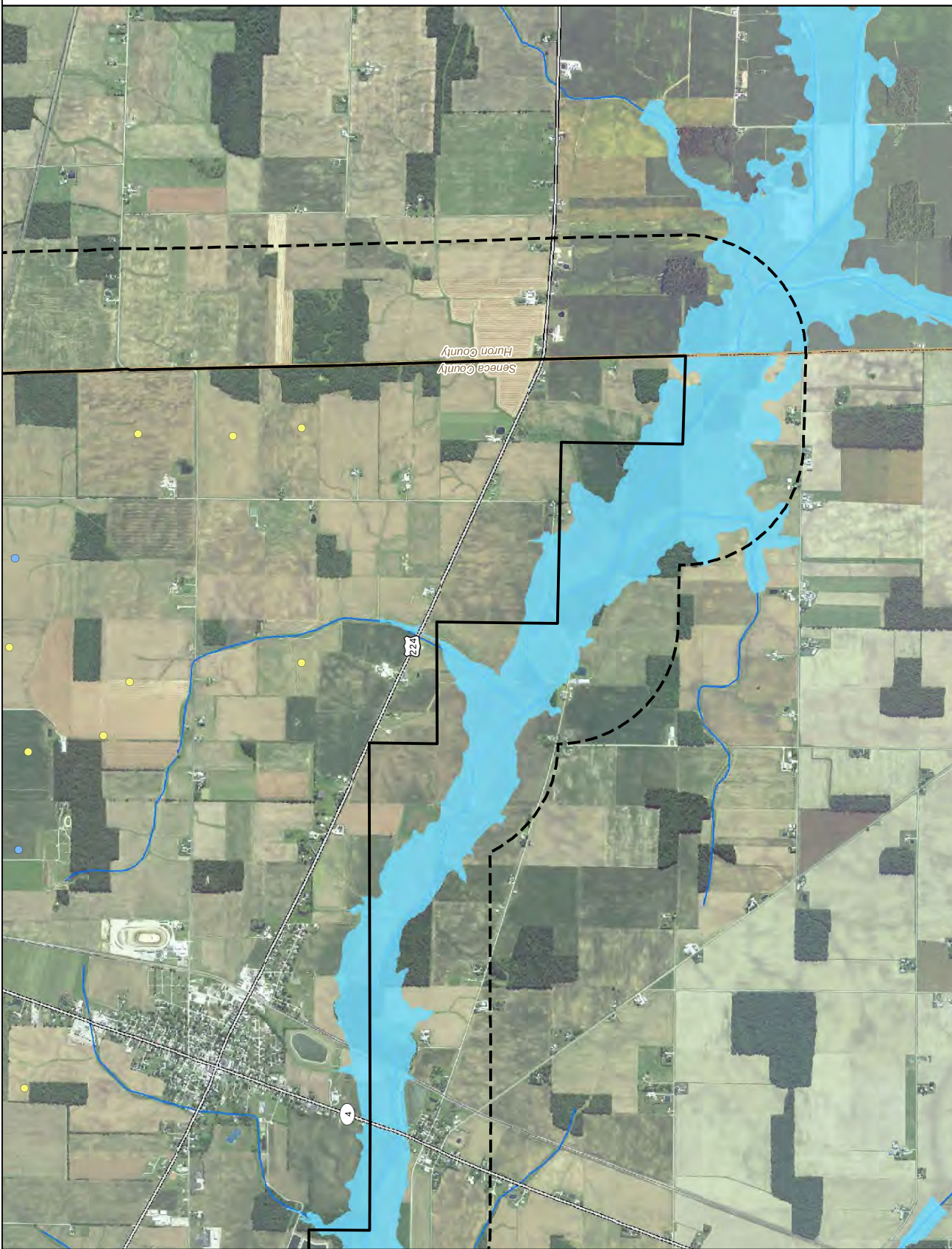
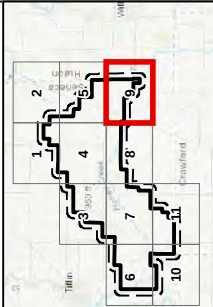
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Figure 08-4
Floodplains
Sheet 9 of 11

Seneca Wind
Seneca County, Ohio



Source: ESRI (2016), FEMA (2018)

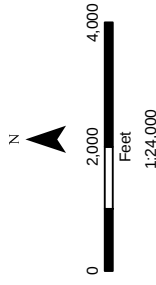


**Figure 08-4
Floodplains**

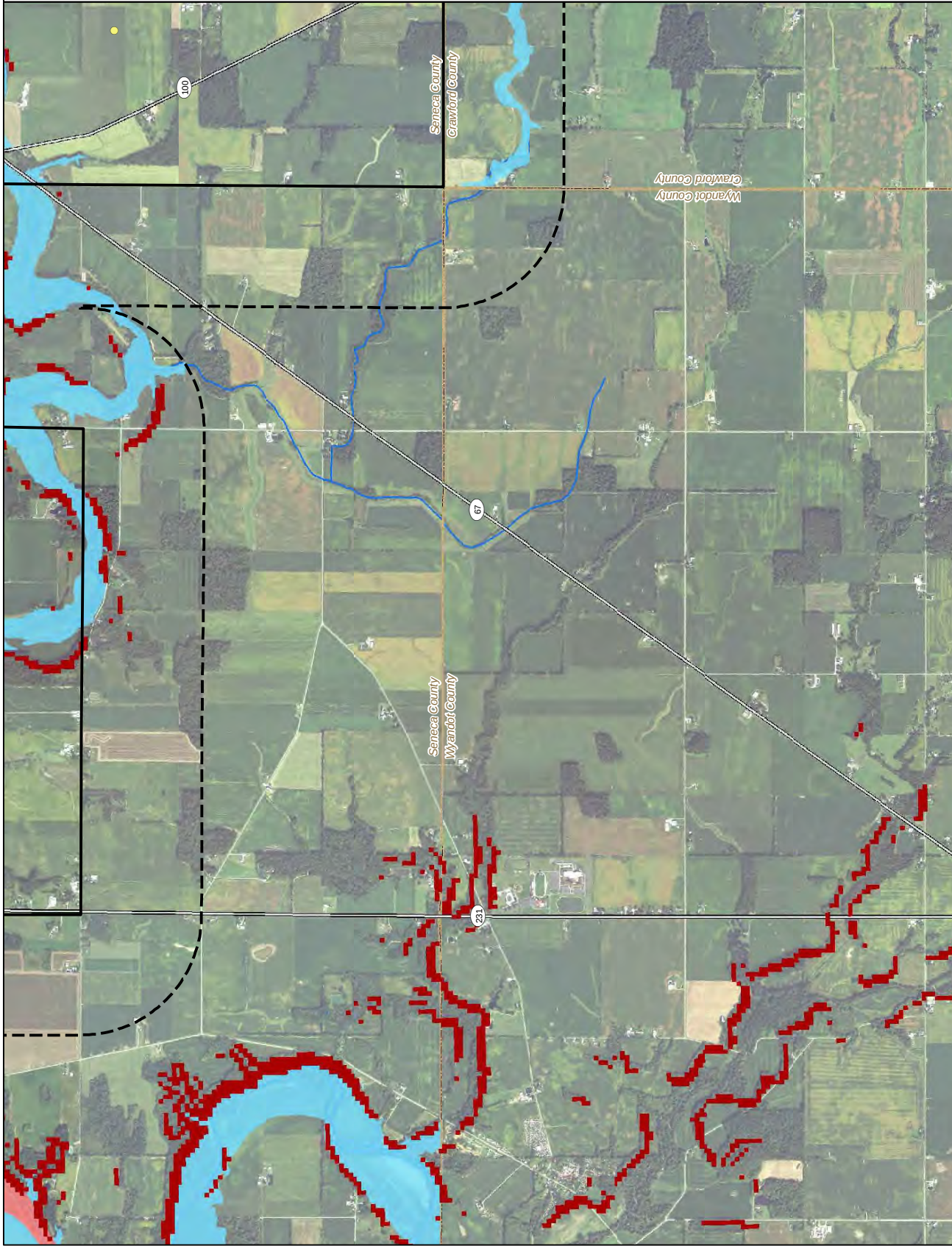
Sheet 10 of 11

Seneca Wind
Seneca County, Ohio

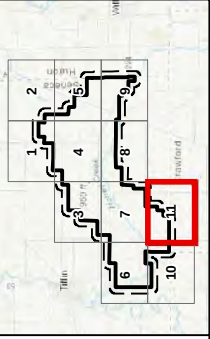
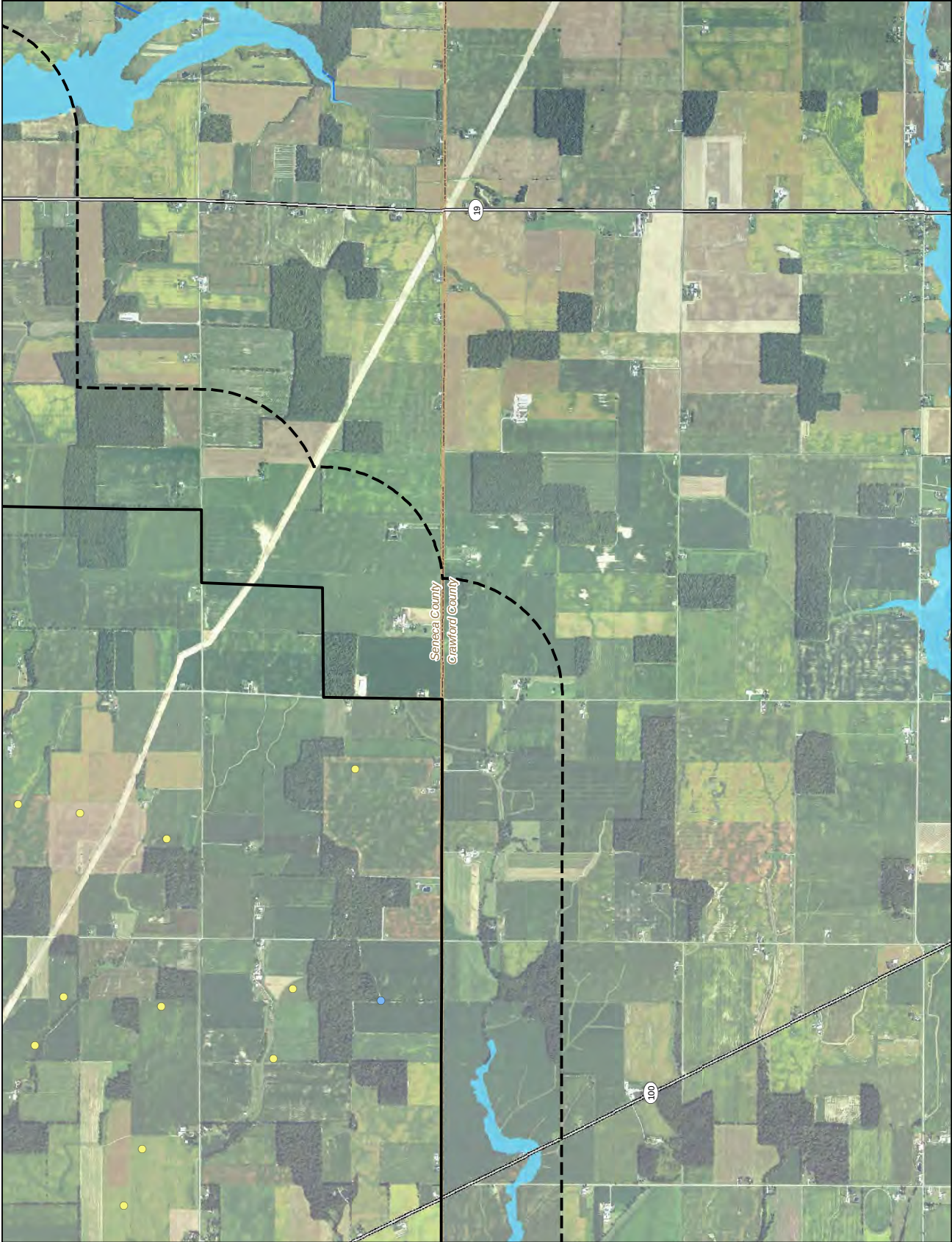
-  Project Area
-  0.5-mile Buffer
- Proposed Turbines (Hub Height)
 -  GE 2.3-116 (80 m)
 -  GE 2.3-116 (90 m)
 -  GE 2.3-116 (94 m)
 -  GE 2.5-127 (134 m)
-  River/Stream
-  > 12% Slope
-  FEMA Flood Hazard Area
-  1% Annual Chance
-  Floodway
-  0.25% Annual Chance
-  Highway
-  County Boundary



Source: ESRI (2016), FEMA (2018)



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Figure 08-5
Soils
 Sheet 1 of 11
 Seneca Wind
 Seneca County, Ohio

Project Area	Soil Unit	Soil Name
	Ble1A1	Blount silt loam, end moraine, 0 to 2 percent slopes
	Ble1B1	Blount silt loam, end moraine, 2 to 4 percent slopes
	Bgl1A1	Blount silt loam, ground moraine, 0 to 2 percent slopes
	Bgl1B1	Blount silt loam, ground moraine, 2 to 4 percent slopes
	Bp	Bono silty clay, loamy substratum
	Gw5C2	Glywood clay loam, ground moraine, 6 to 12 percent slopes, eroded
	Le	Lenawee silty clay loam
	Pa	Pandora silt loam
	Pm	Pewamo silty clay loam, 0 to 1 percent slopes

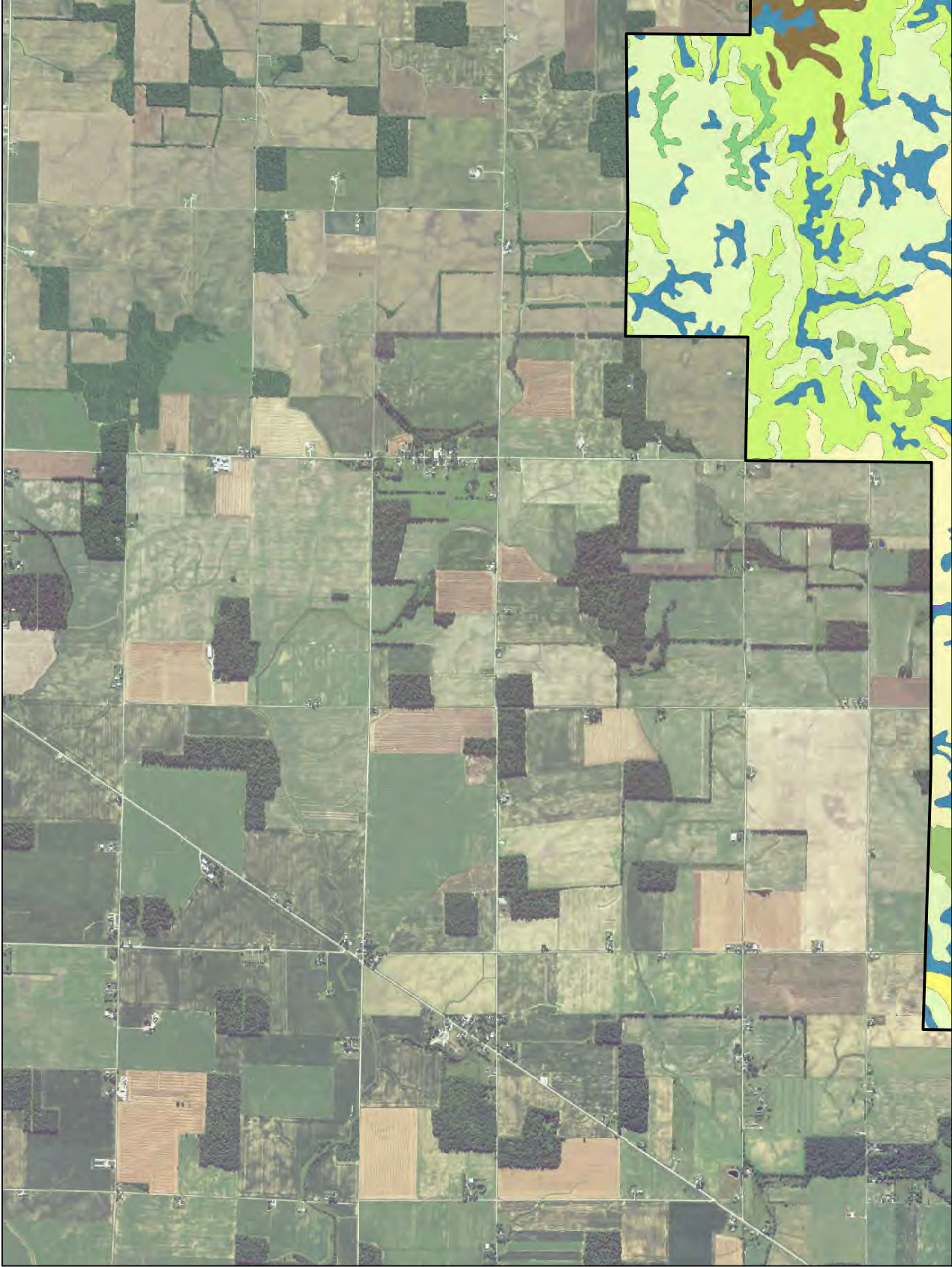


Figure 08-5
Soils
 Sheet 2 of 11
 Seneca Wind
 Seneca County, Ohio

- Project Area**
- Soil Unit: Soil Name**
- Blc1B1: Blount silt loam, end moraine, 2 to 4 percent slopes
 - Blg1A1: Blount silt loam, ground moraine, 0 to 2 percent slopes
 - Blg1B1: Blount silt loam, ground moraine, 2 to 4 percent slopes
 - Bp: Bono silty clay, loamy substratum
 - Sw6C2: Glywood clay loam, ground moraine, 6 to 12 percent slopes, eroded
 - Pa: Pandora silt loam



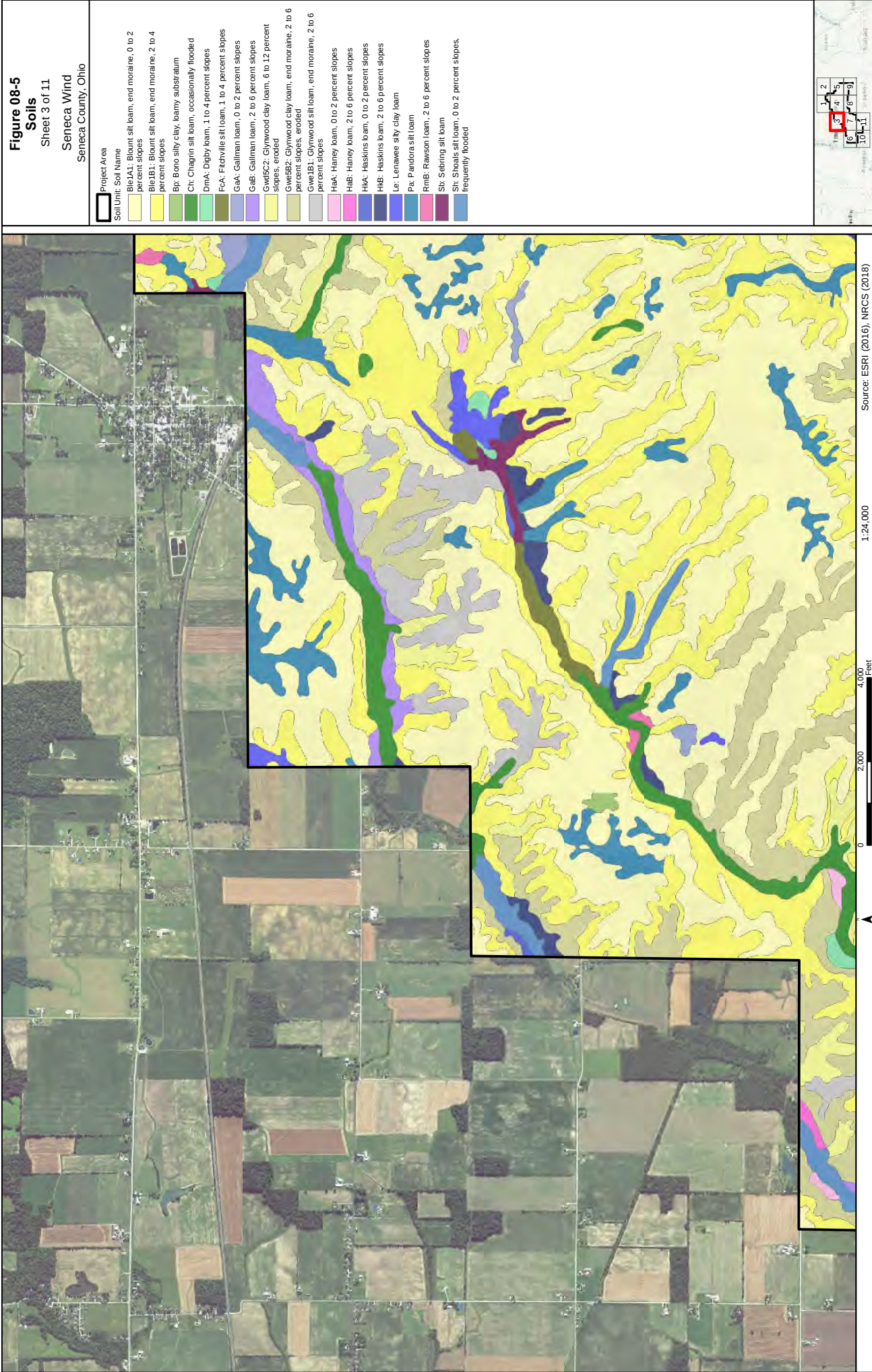
Source: ESRI (2016), NRCS (2018)

1:24,000

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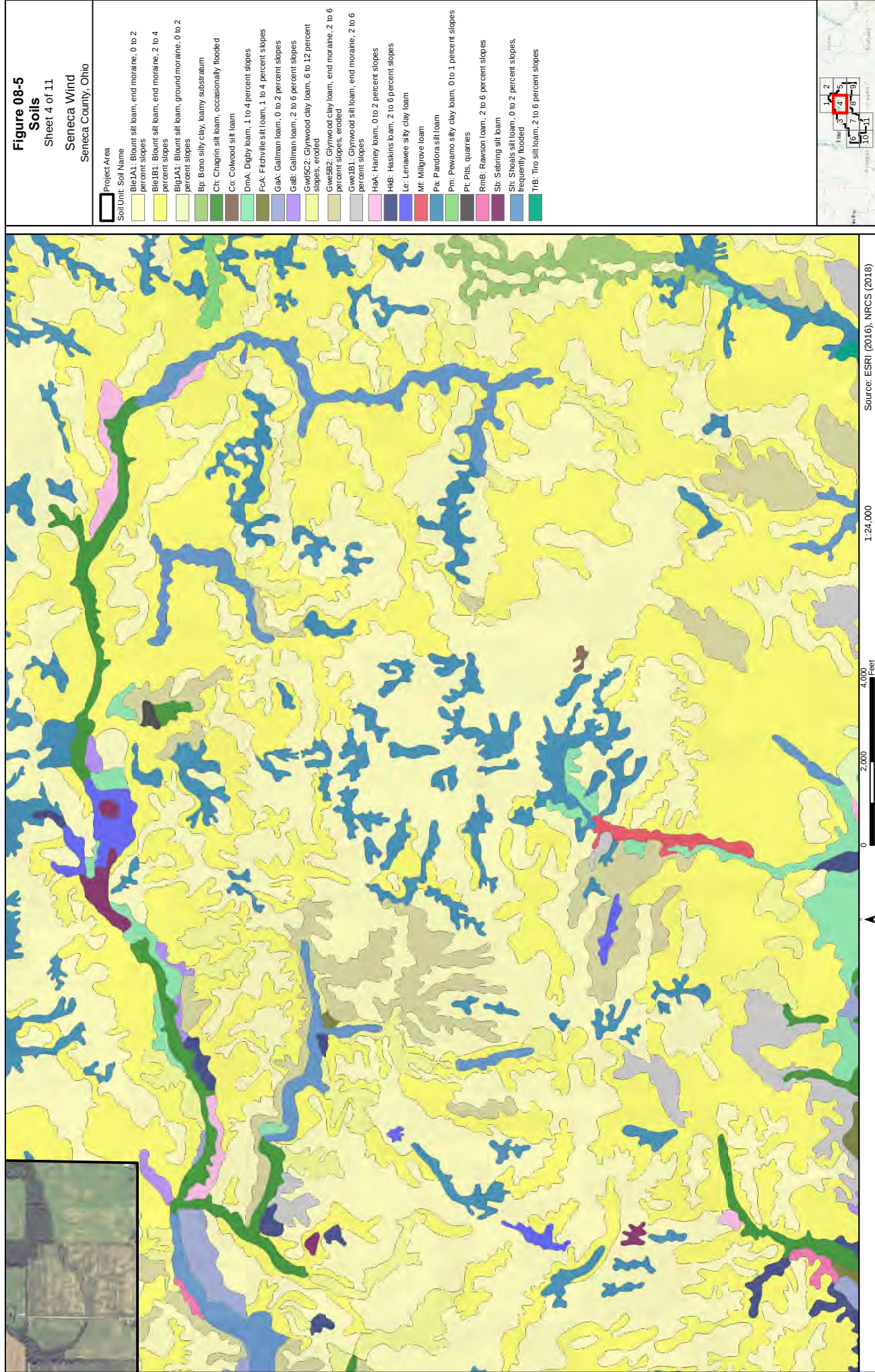
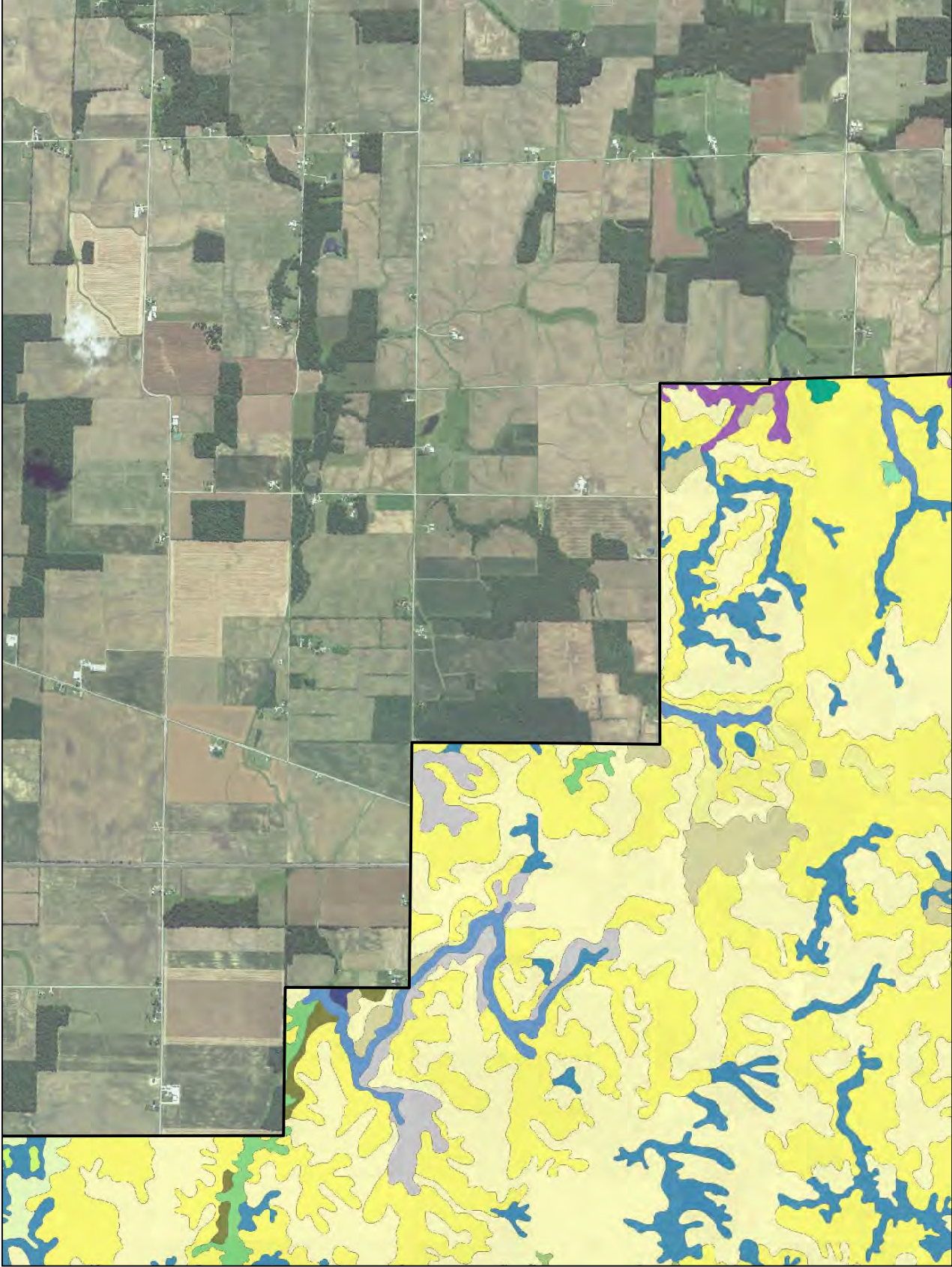
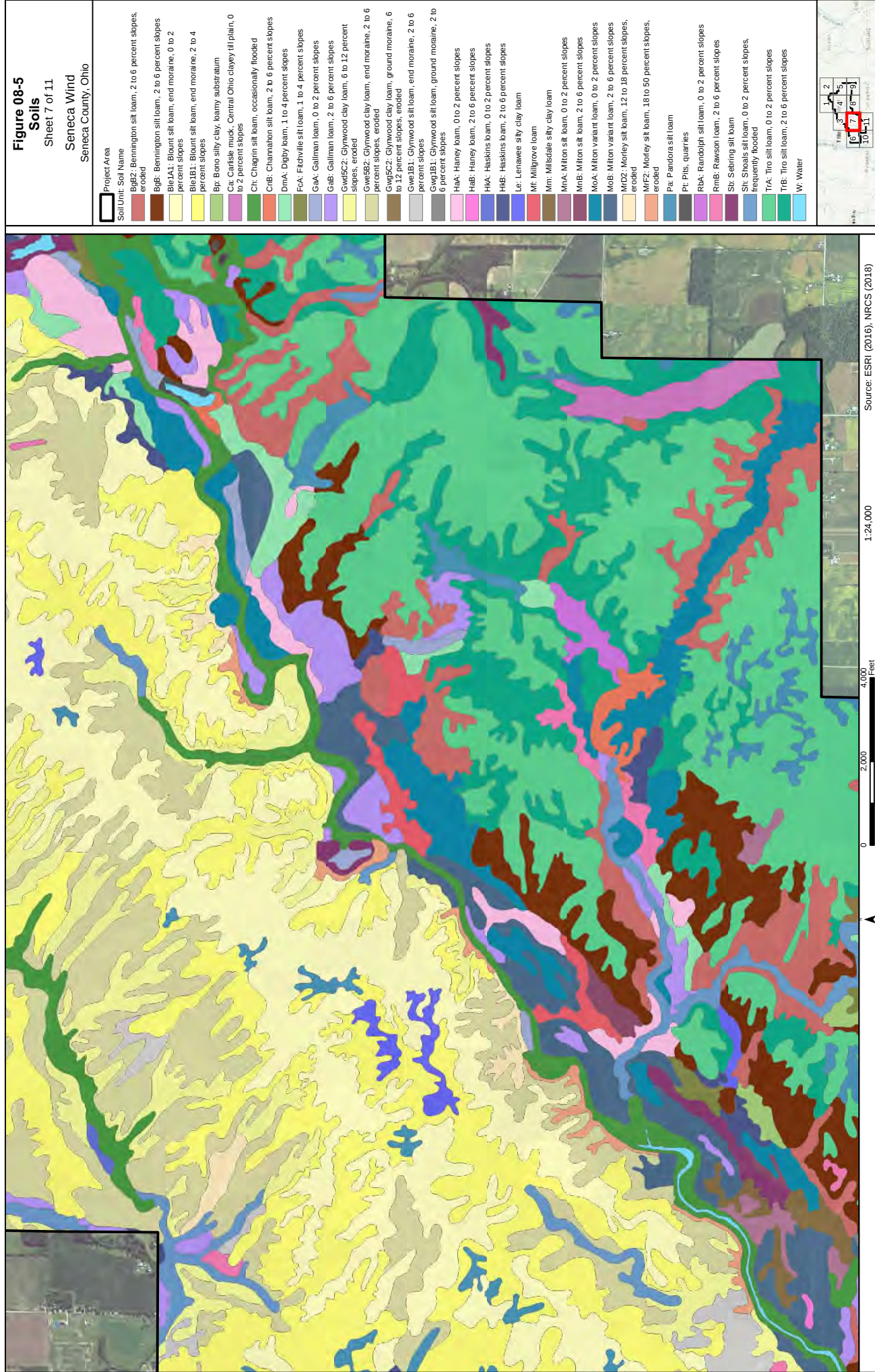
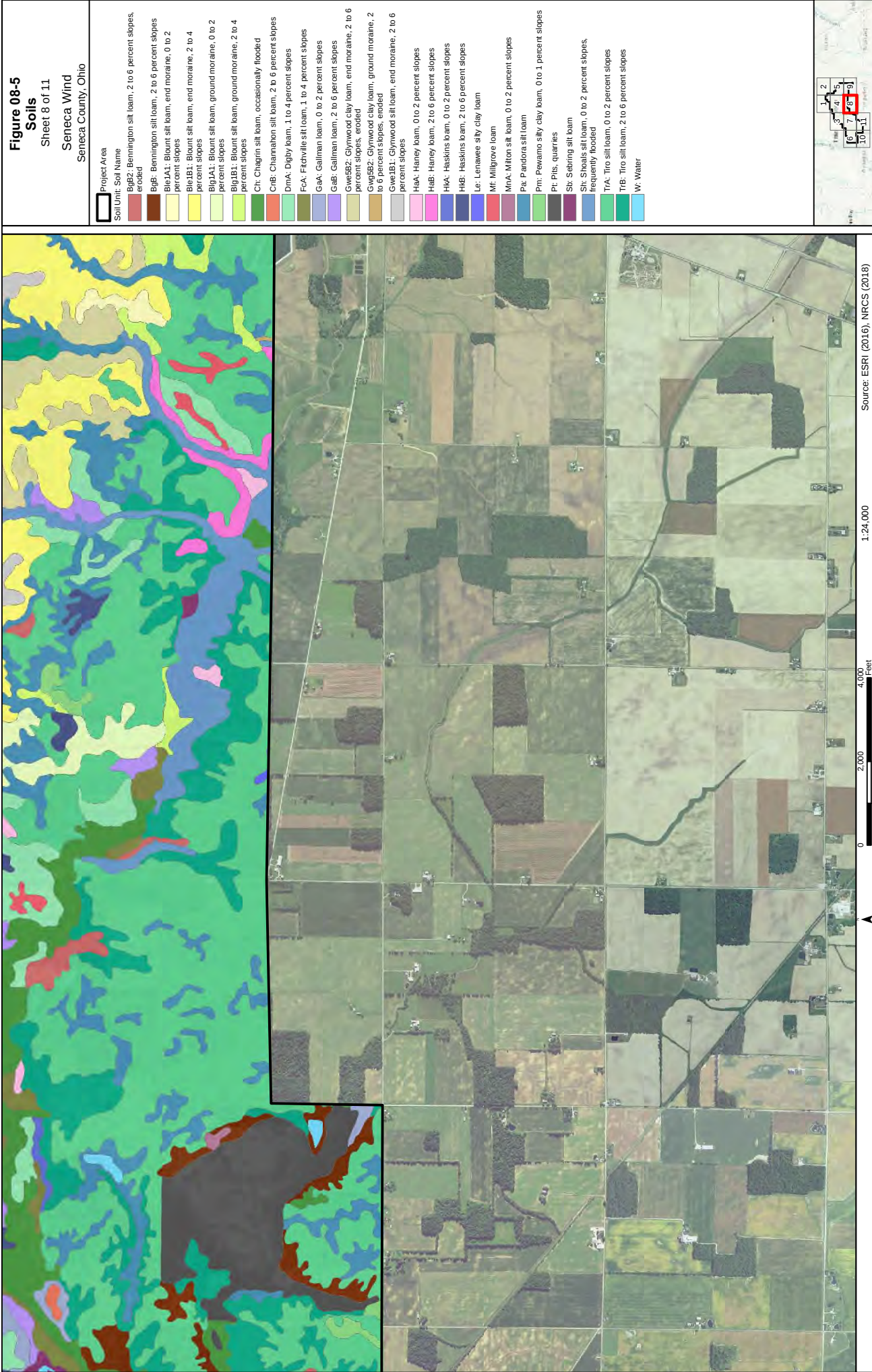


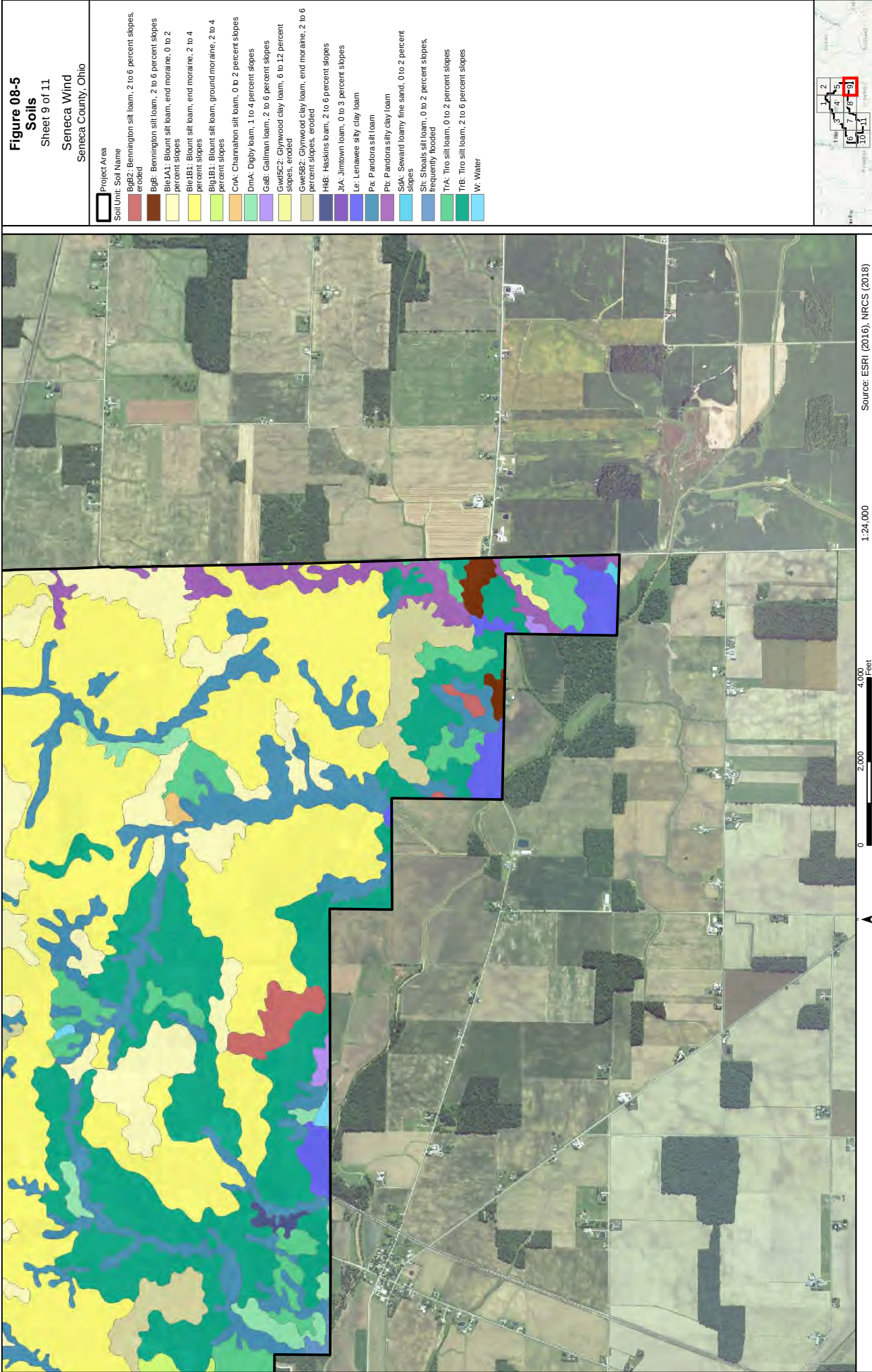
Figure 08-5
Soils
 Sheet 5 of 11
 Seneca Wind
 Seneca County, Ohio

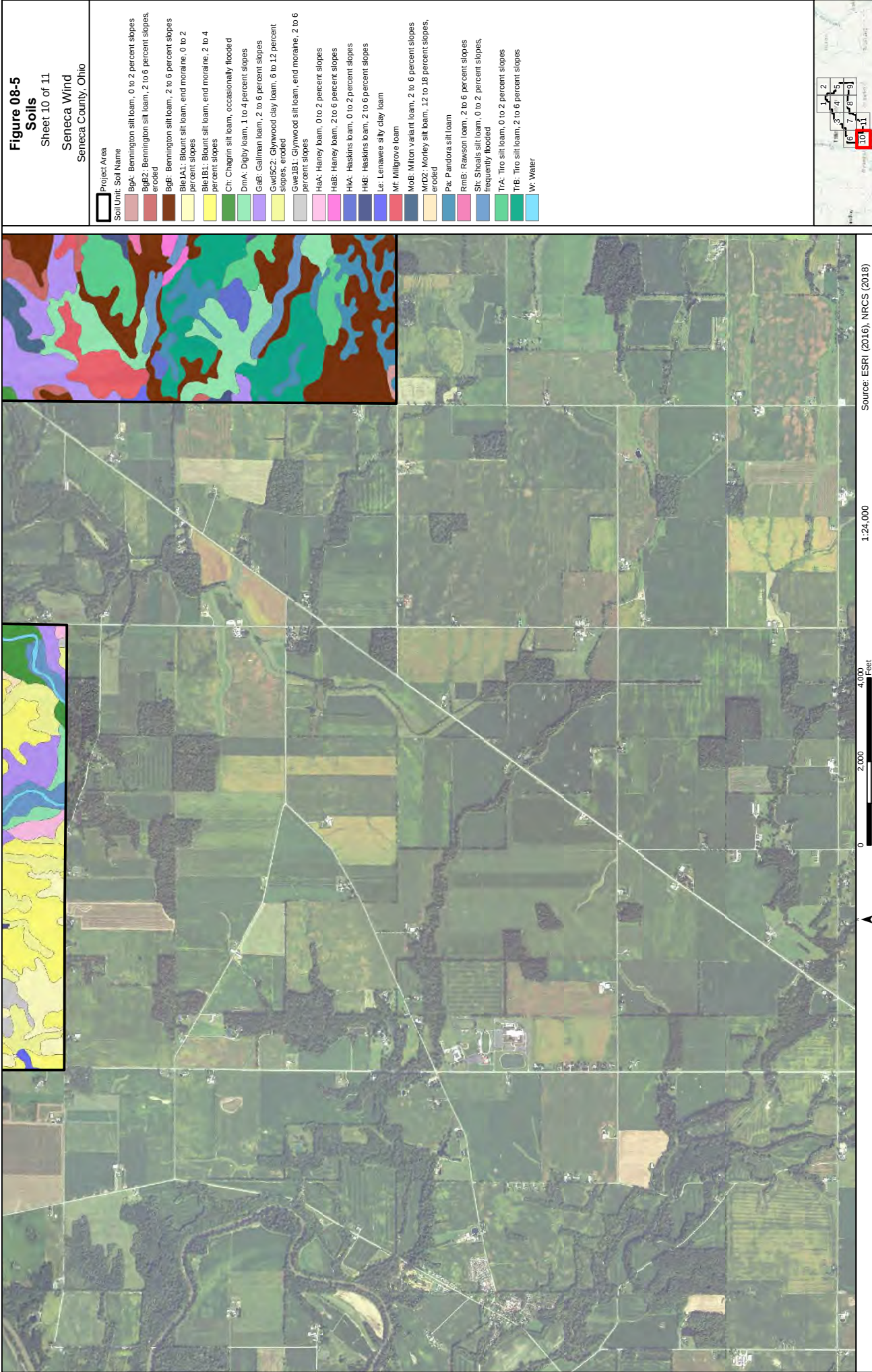
Project Area	Soil Unit	Soil Name
	Ble1A1	Blount silt loam, end moraine, 0 to 2 percent slopes
	Ble1B1	Blount silt loam, end moraine, 2 to 4 percent slopes
	Ble1A1	Blount silt loam, ground moraine, 0 to 2 percent slopes
	Ble1B1	Blount silt loam, ground moraine, 2 to 4 percent slopes
	Bp	Bono silty clay, loamy substratum
	Dm1A	Doby loam, 1 to 4 percent slopes
	FcA	Fitchville silt loam, 1 to 4 percent slopes
	Gw1C2	Glywood clay loam, 6 to 12 percent slopes, eroded
	Gw1S2	Glywood clay loam, end moraine, 2 to 6 percent slopes, eroded
	Gw1B1	Glywood silt loam, end moraine, 2 to 6 percent slopes
	Hb1	Haskins loam, 2 to 6 percent slopes
	Pc	Pandora silt loam
	Pb	Pandora silty clay loam
	Pm	Pewamo silty clay loam, 0 to 1 percent slopes
	Sh	Shoals silt loam, 0 to 2 percent slopes, frequently flooded
	Tb	Tiro silt loam, 2 to 6 percent slopes

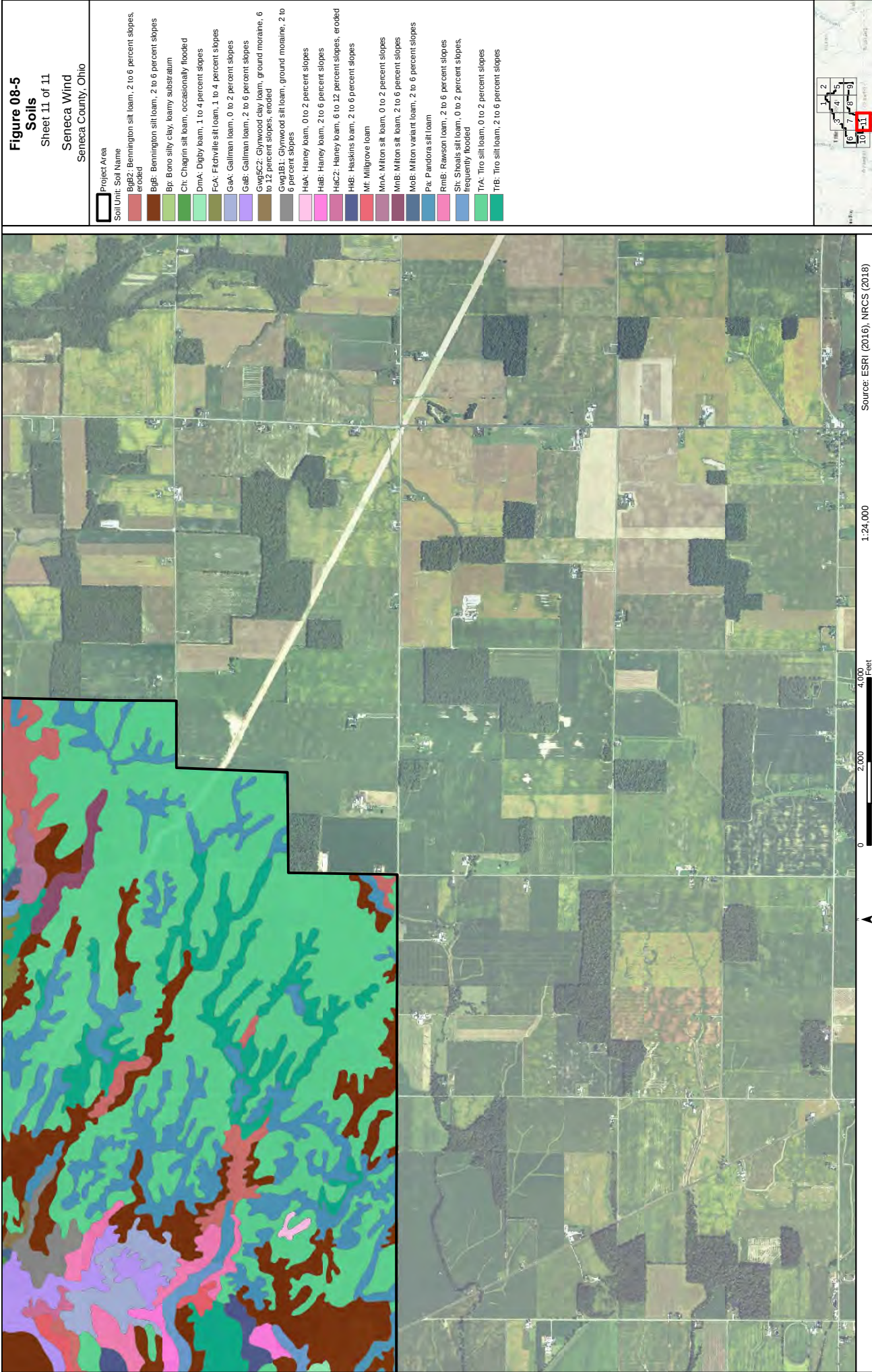










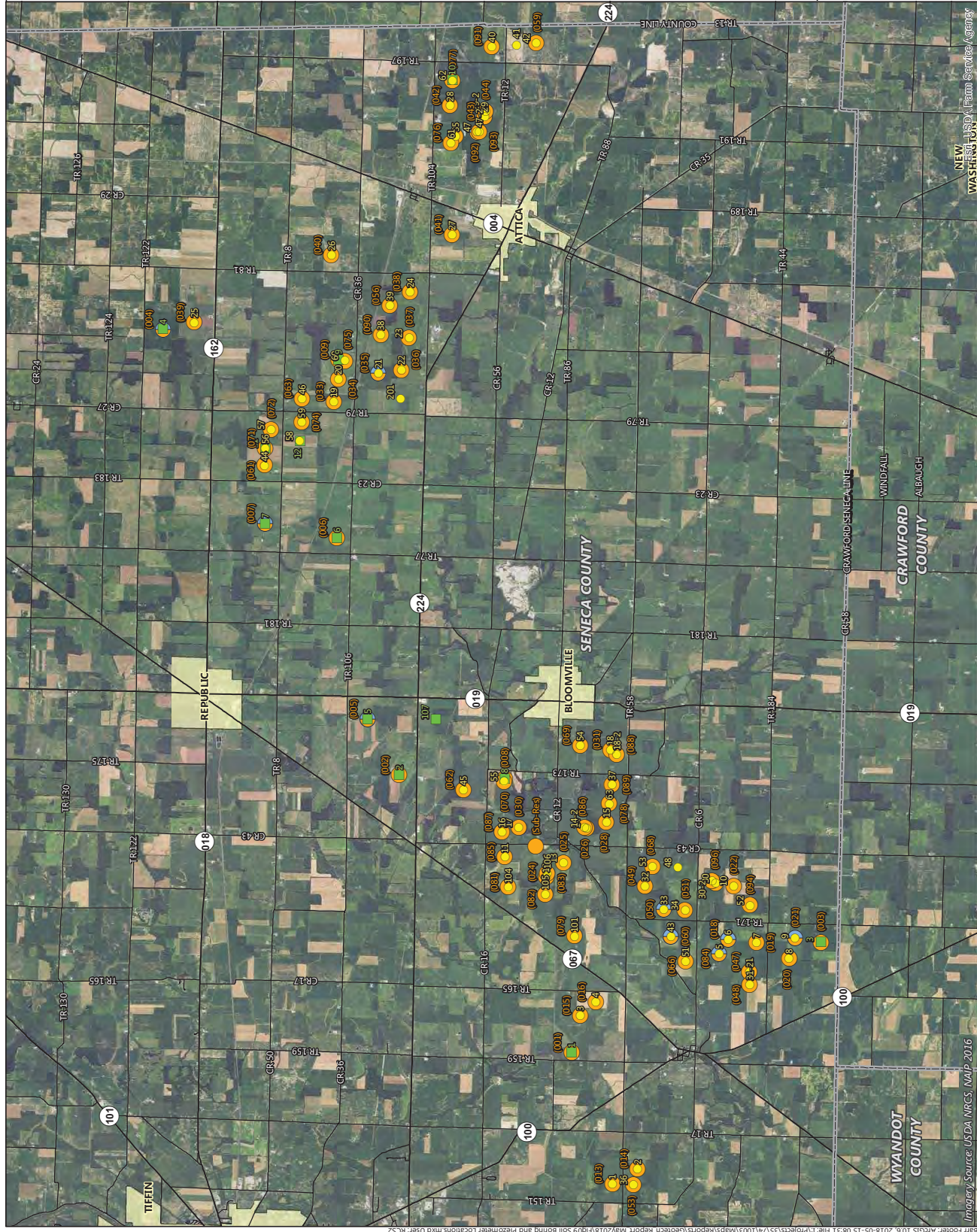


- Turbine Location - 3.8 (4/4/2018)
 - Turbine Location - 2.3 (4/4/2018)
 - City Boundary
 - County Boundary
 - Soil Boring Location
 - Soil Boring and Piezometer Location
- *Note: Labeled with GEO- ID in parentheses.



Figure 08-6
Location of Geotechnical
Borings

Seneca Wind
Seneca County, Ohio



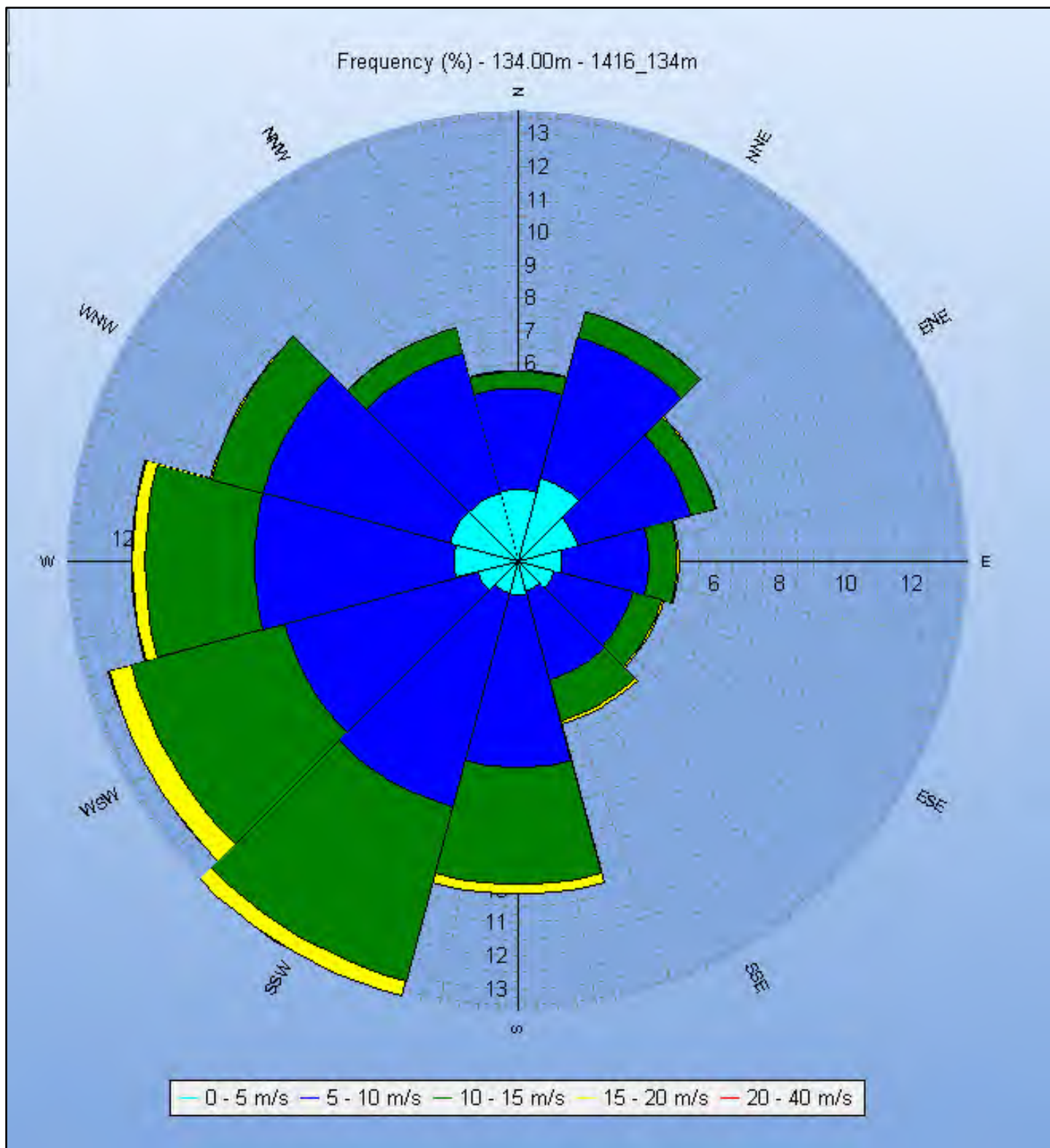
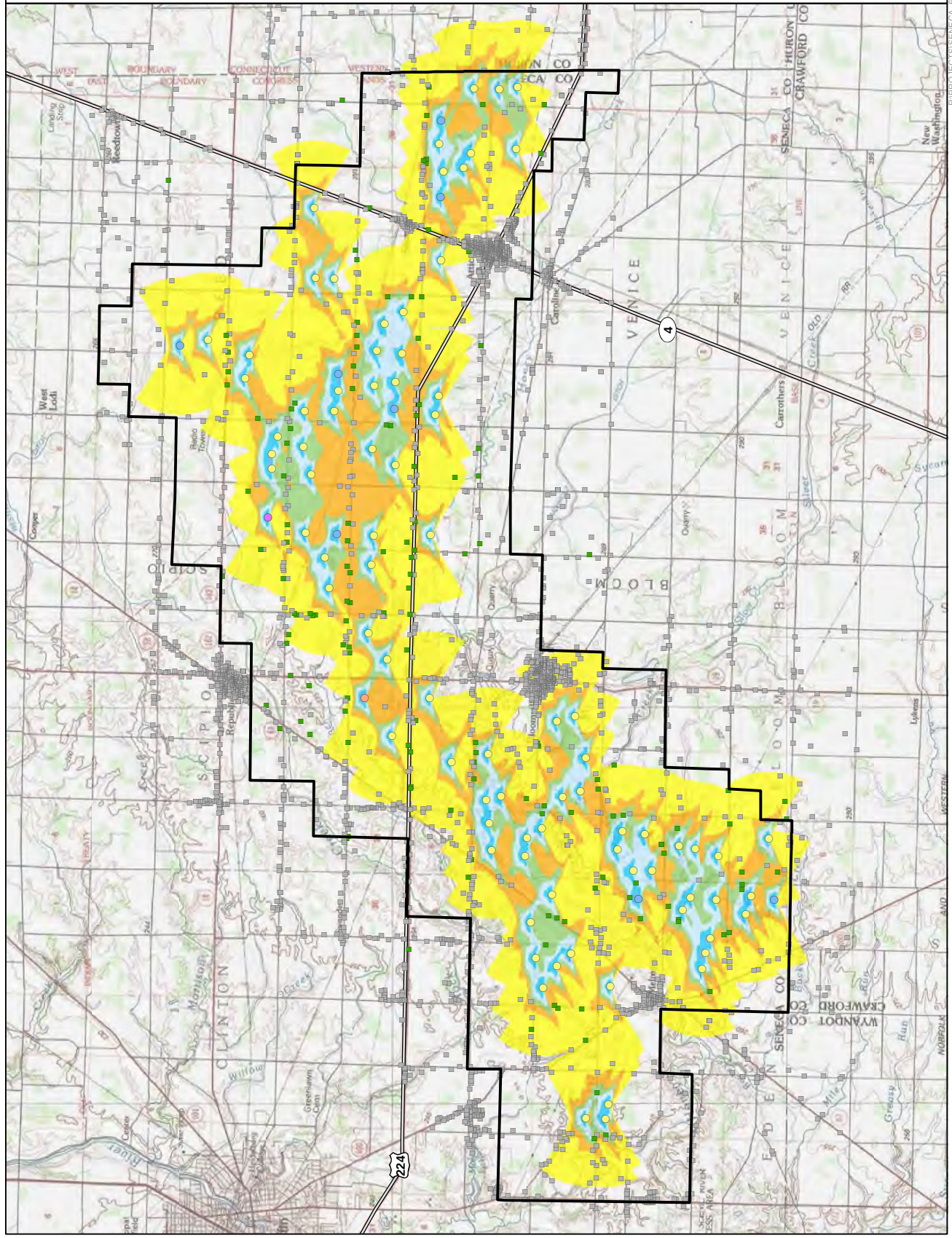
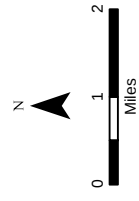
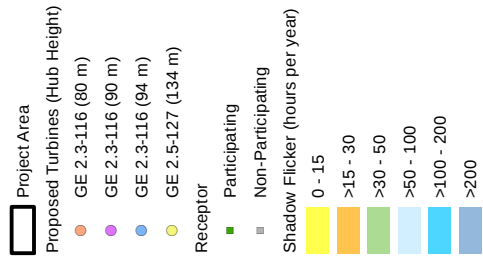


Figure 08-7
Wind Rose

Seneca Wind
Seneca County, Ohio

Figure 08-8
Expected Shadow Flicker
Impact Areas

Seneca Wind
 Seneca County, Ohio



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in

Case No(s). 18-0488-EL-BGN

Summary: Application Figures Section 08 Part 2 electronically filed by Teresa Orahood on behalf of Dylan F. Borchers