

# EVREC Green Energy Hub

Shadow Flicker - Spatial Boundary



**Project Area**

- Industrial Project Area
- Solar Project Area
- Botwood Wind Project Area
- Leading Tickle Wind Project Area
- Seabrights Lake Wind Project Area
- Twin Lakes Wind Project Area
- Local Study Area

**Transportation**

- Trans-Canada Highway
- Highway
- Road
- Unpaved Road

**Water Features**

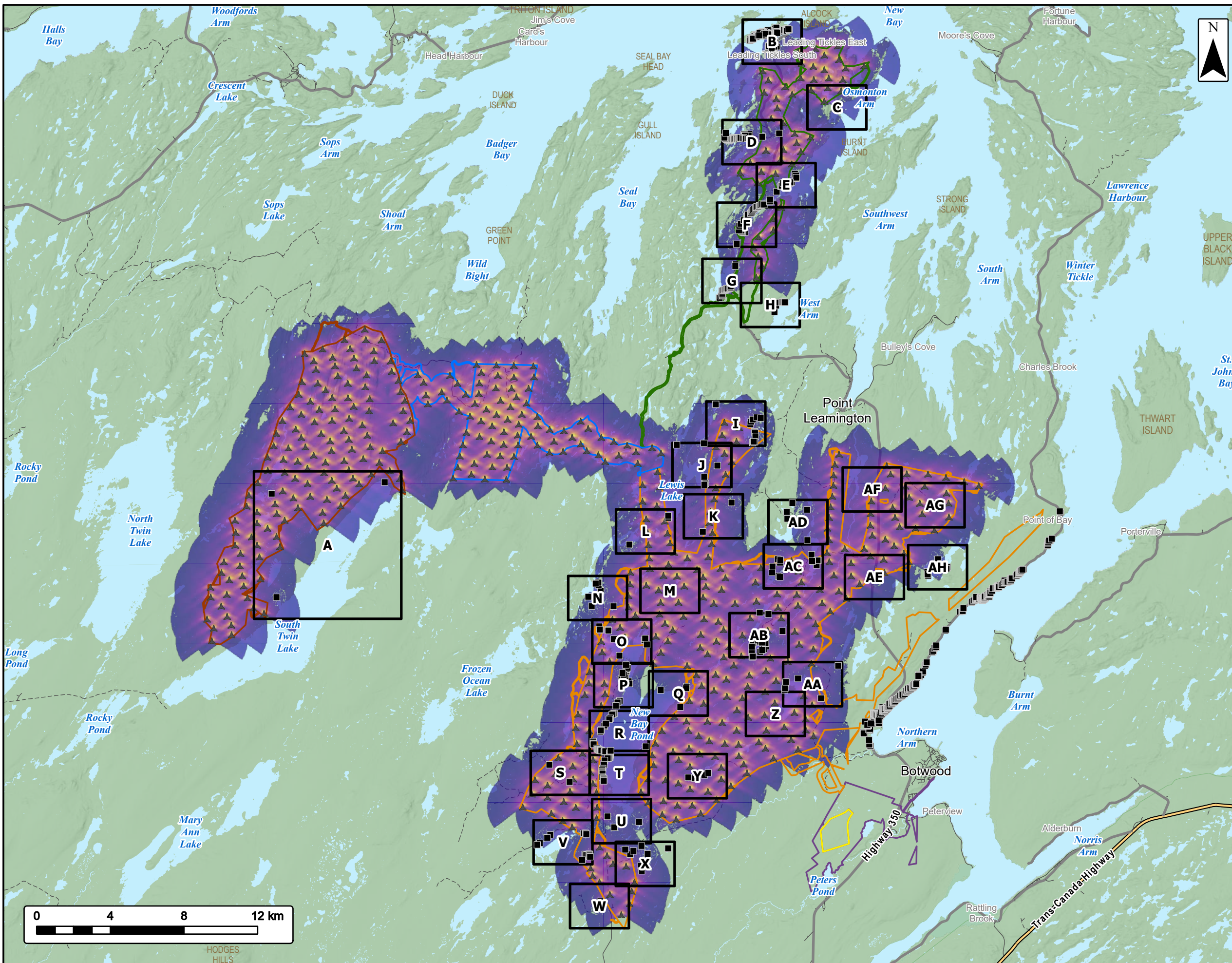
- Mapped Waterbodies



Coordinate System: NAD 1983 CSRS UTM Zone 21N  
 Sources: Esri, NASA, NGA, USGS, GeoNOVA, SNSIS, NSNRR, ACCDC, IBA Canada, CNWI, HERE, Garmin, USGS

Date:	2026-03-29	Project #:	24-10265
Scale:	1:200,000	Drawing #:	<b>6.5-1</b>
Drawn By:	B. Spencer		
Checked By:	L. Pominville		





# EVREC Green Energy Hub

Realistic Shadow Flicker Model & Index



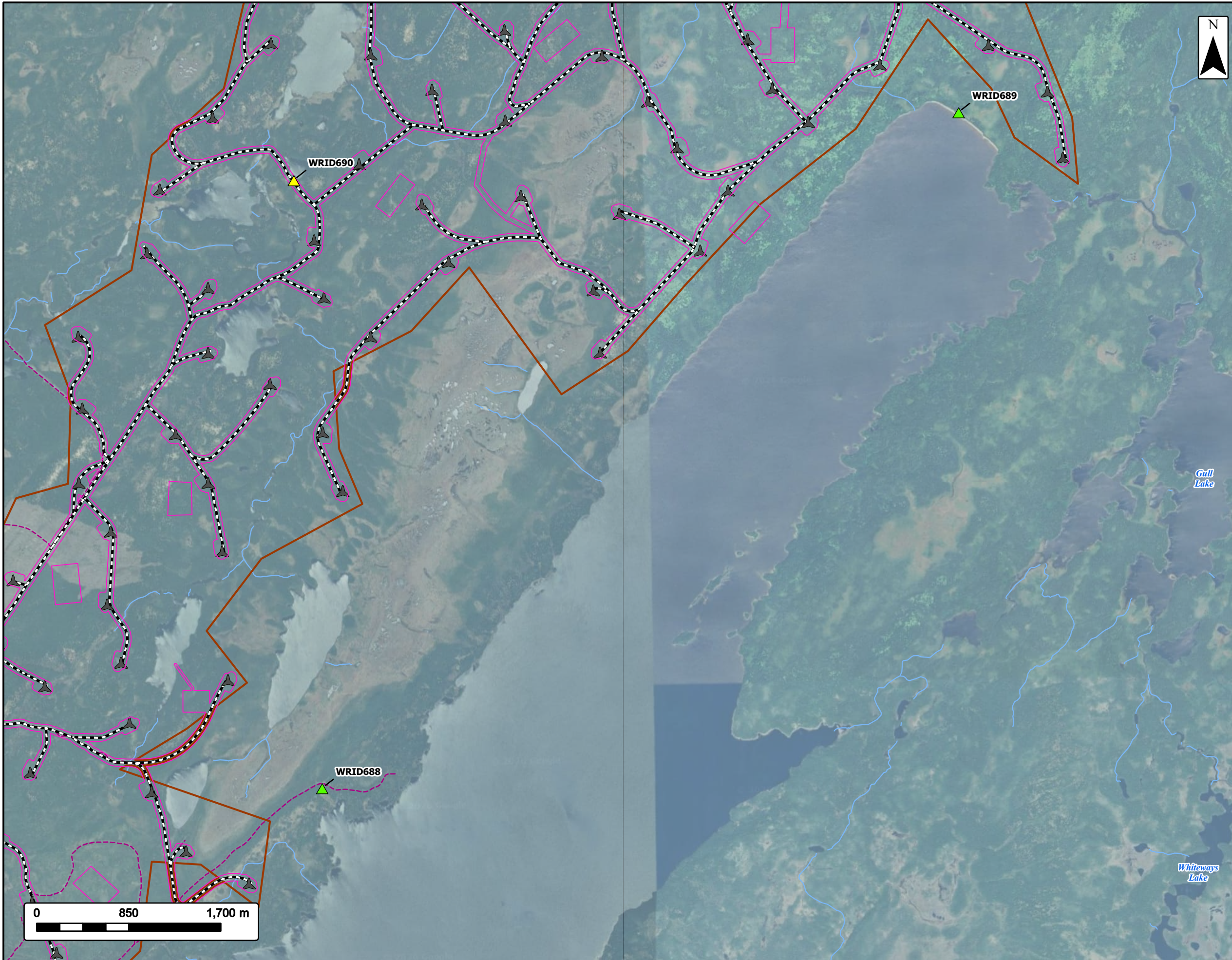
<b>Project Area</b>		<b>Realistic Shadow Flicker Model</b>	
Industrial Project Area		419 hours	
Solar Project Area		0 hours	
Botwood Wind Project Area		<b>Transportation</b>	
Leading Ticks Wind Project Area		Trans-Canada Highway	
Seabrights Lake Wind Project Area		Highway	
Twin Lakes Wind Project Area		Road	
<b>Project Infrastructure</b>		Unpaved Road	
Turbine		<b>Water Features</b>	
		Mapped Waterbodies	



Coordinate System: NAD 1983 CSRS UTM Zone 21N  
 Sources: Esri, NASA, NGA, USGS, GeoNOVA, SNSIS, NSNRR, ACCDC, IBA Canada, CNWI, HERE, Garmin, USGS

Date:	2026-03-29	Project #:	24-10265
Scale:	1:200,000	Drawing #:	<b>6.5-2</b>
Drawn By:	B. Spencer		
Checked By:	L. Pominville		



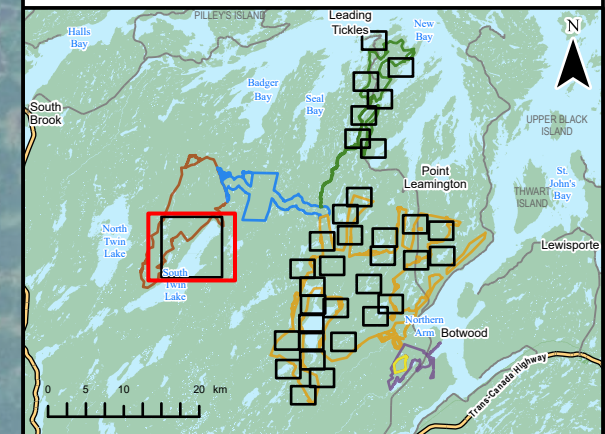


# EVREC Green Energy Hub

Twin Lakes Wind Project Area  
Shadow Flicker Hours Per Year - Realistic Case Scenario



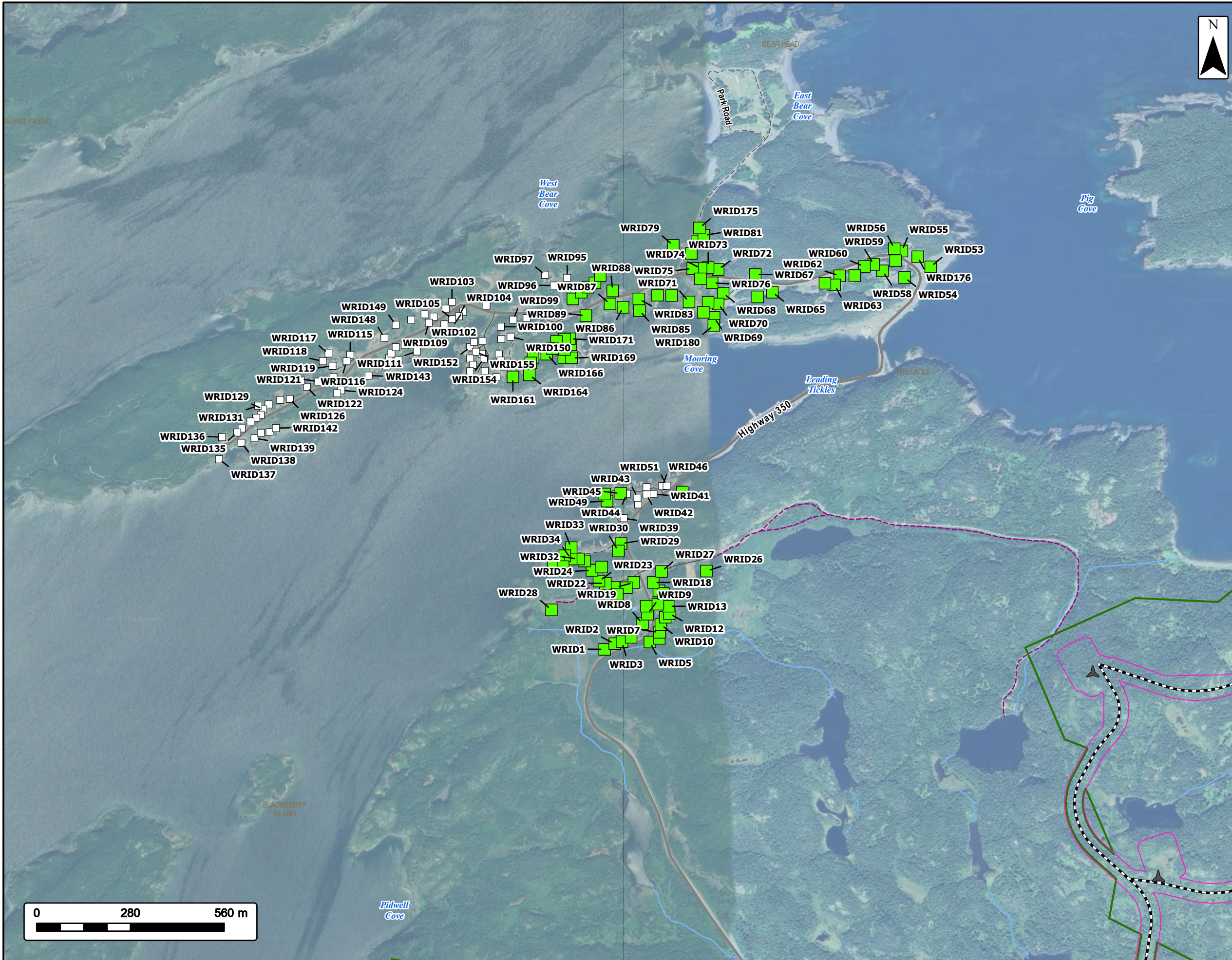
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Twin Lakes Wind Project Area	
Project Footprint	
<b>Project Infrastructure</b>	
Turbine	
Project Road	
<b>Remote Receptors</b>	
Crown Title - Some Exposure Within Guidelines	
Crown Title - Exposure Exceeding Guidelines	
<b>Transportation</b>	
Resource Road	
<b>Water Features</b>	
Mapped Watercourses	



Coordinate System: NAD 1983 CSRS UTM Zone 21N  
Sources: © OpenStreetMap (and) contributors, CC-BY-SA, GeoNOVA, SNSIS, NSNRR, ACCDC, IBA Canada, CNWI, HERE, Garmin, USGS

Date:	2026-03-29	Project #:	24-10265
Scale:	1:34,000	Drawing #:	<b>6.5-3A</b>
Drawn By:	B. Spencer		
Checked By:	L. Pominville		





# EVREC Green Energy Hub

Leading Ticks Wind Project Area  
Shadow Flicker Hours Per Year - Realistic Case Scenario

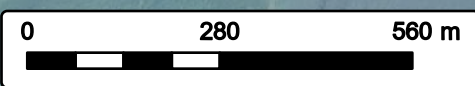


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Project Footprint	
<b>Project Infrastructure</b>	
Turbine	
Project Road	
<b>Residential Receptors</b>	
No Exposure	
Some Exposure Within Guidelines	
<b>Transportation</b>	
Highway	
Road	
Unpaved Road	
Resource Road	
<b>Water Features</b>	
Mapped Watercourses	



Coordinate System: NAD 1983 CSRS UTM Zone 21N  
Sources: © OpenStreetMap (and) contributors, CC-BY-SA, GeoNOVA, SNSIS, NSNRR, ACCDC, IBA Canada, CNWI, HERE, Garmin, USGS

Date:	2026-03-29	Project #:	24-10265
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Drawn By:	B. Spencer		
Checked By:	L. Pominville		



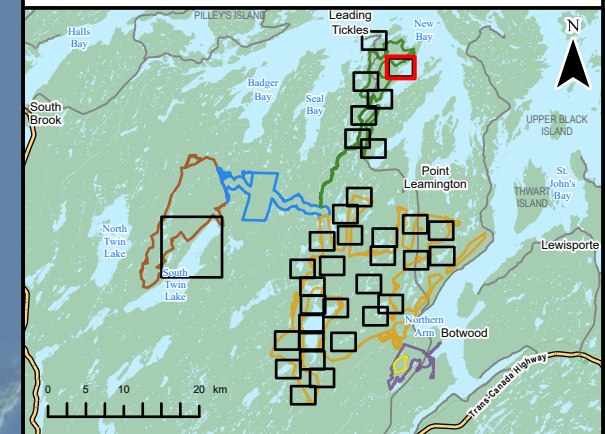


# EVREC Green Energy Hub

Leading Ticksles Wind Project Area  
Shadow Flicker Hours Per Year - Realistic Case Scenario



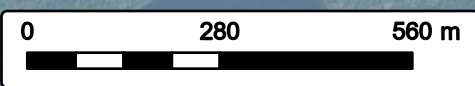
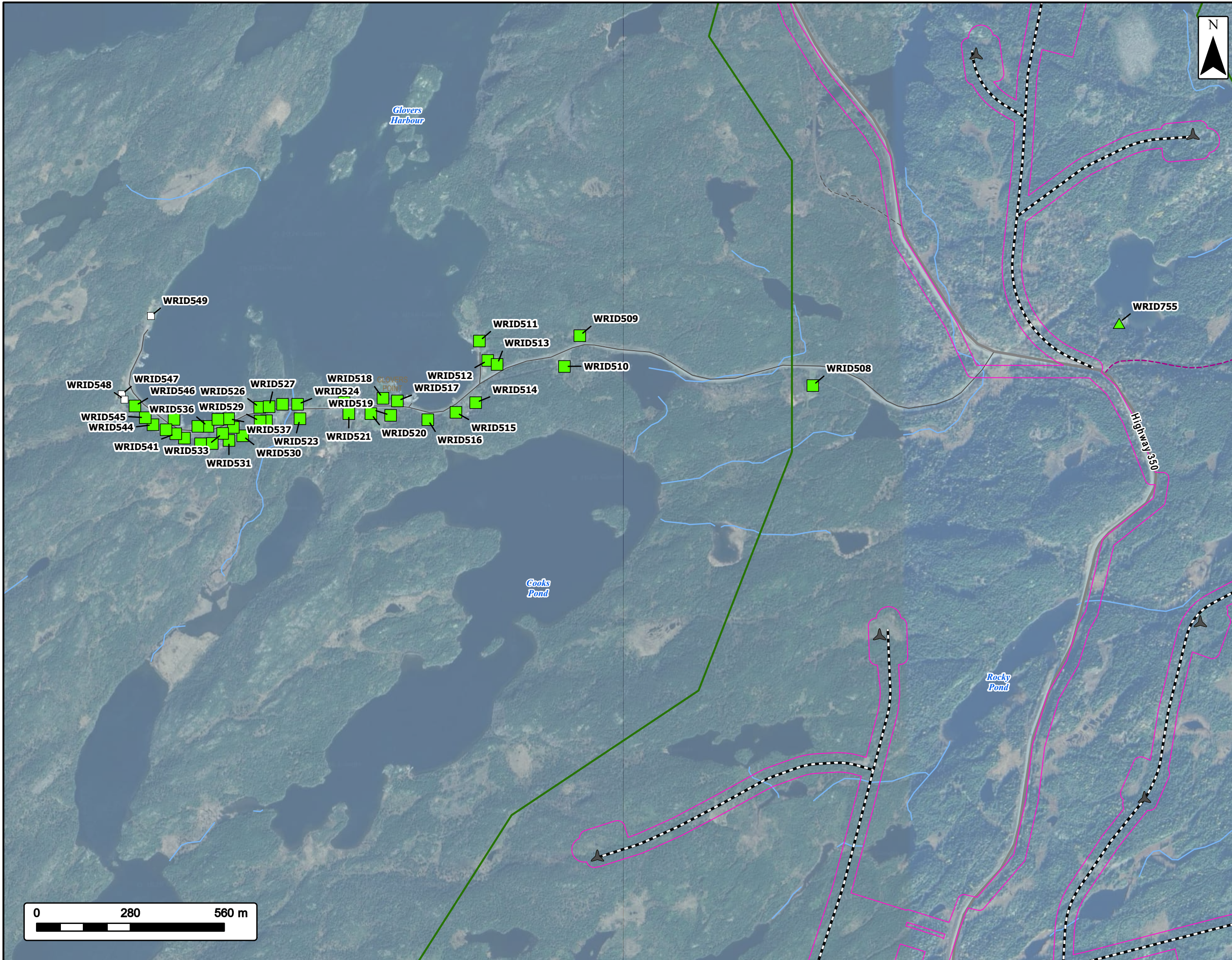
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Project Footprint	
<b>Project Infrastructure</b>	
Turbine	
Project Road	
<b>Remote Receptors</b>	
Crown Title - Some Exposure Within Guidelines	
<b>Transportation</b>	
Resource Road	
<b>Water Features</b>	
Mapped Watercourses	



Coordinate System: NAD 1983 CSRS UTM Zone 21N  
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Drawn By:	B. Spencer		
Checked By:	L. Pominville		



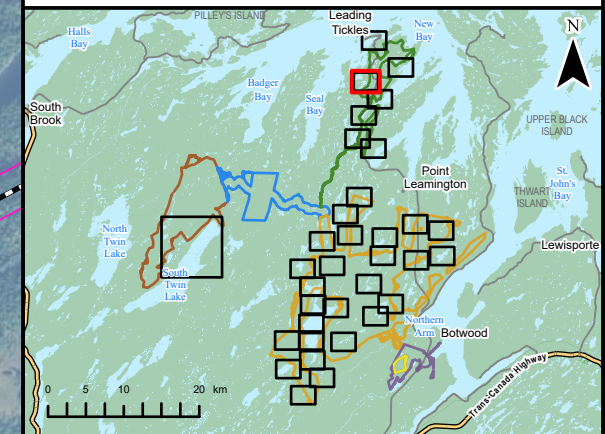


# EVREC Green Energy Hub

Leading Ticksles Wind Project Area  
Shadow Flicker Hours Per Year - Realistic Case Scenario



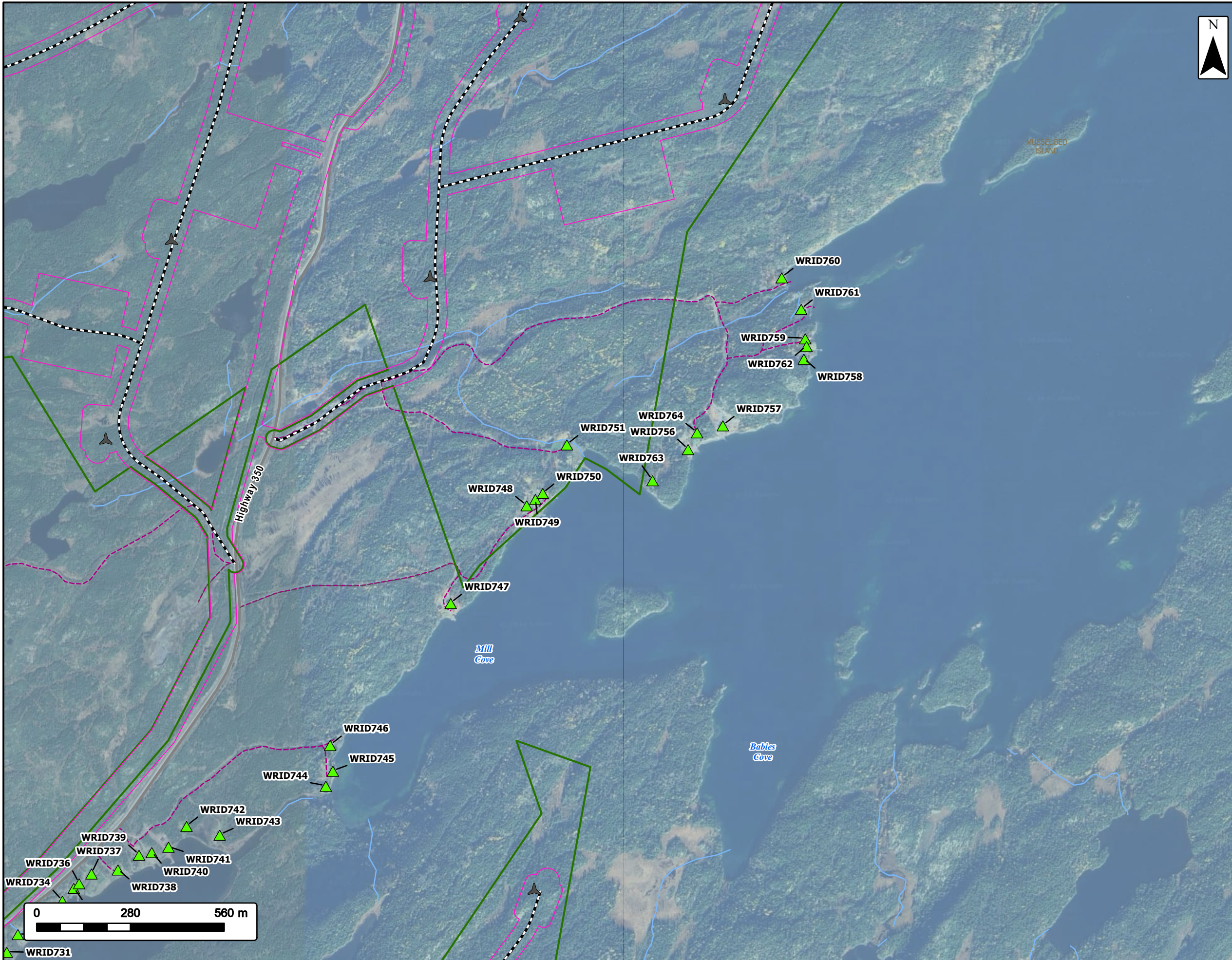
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Project Road	
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Some Exposure Within Guidelines	
<b>Remote Receptors</b>	
Crown Title - Some Exposure Within Guidelines	
<b>Transportation</b>	
Highway	
Road	
Unpaved Road	
Resource Road	
<b>Water Features</b>	
Mapped Watercourses	



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Drawn By:	B. Spencer		
Checked By:	L. Pominville		



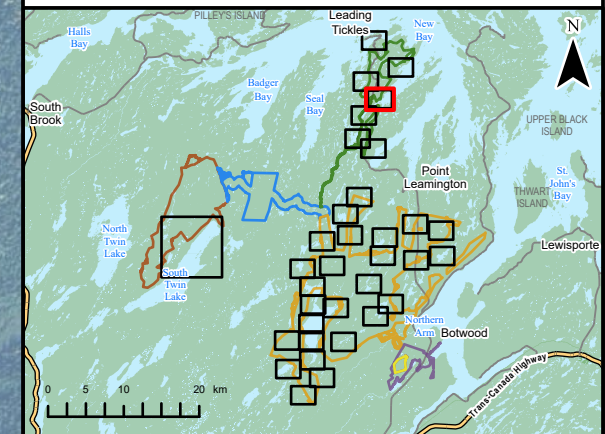


# EVREC Green Energy Hub

Leading Ticksles Wind Project Area  
Shadow Flicker Hours Per Year - Realistic Case Scenario

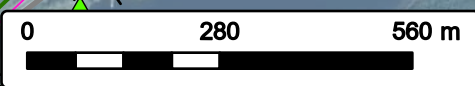


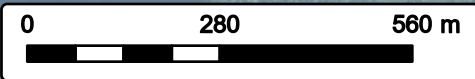
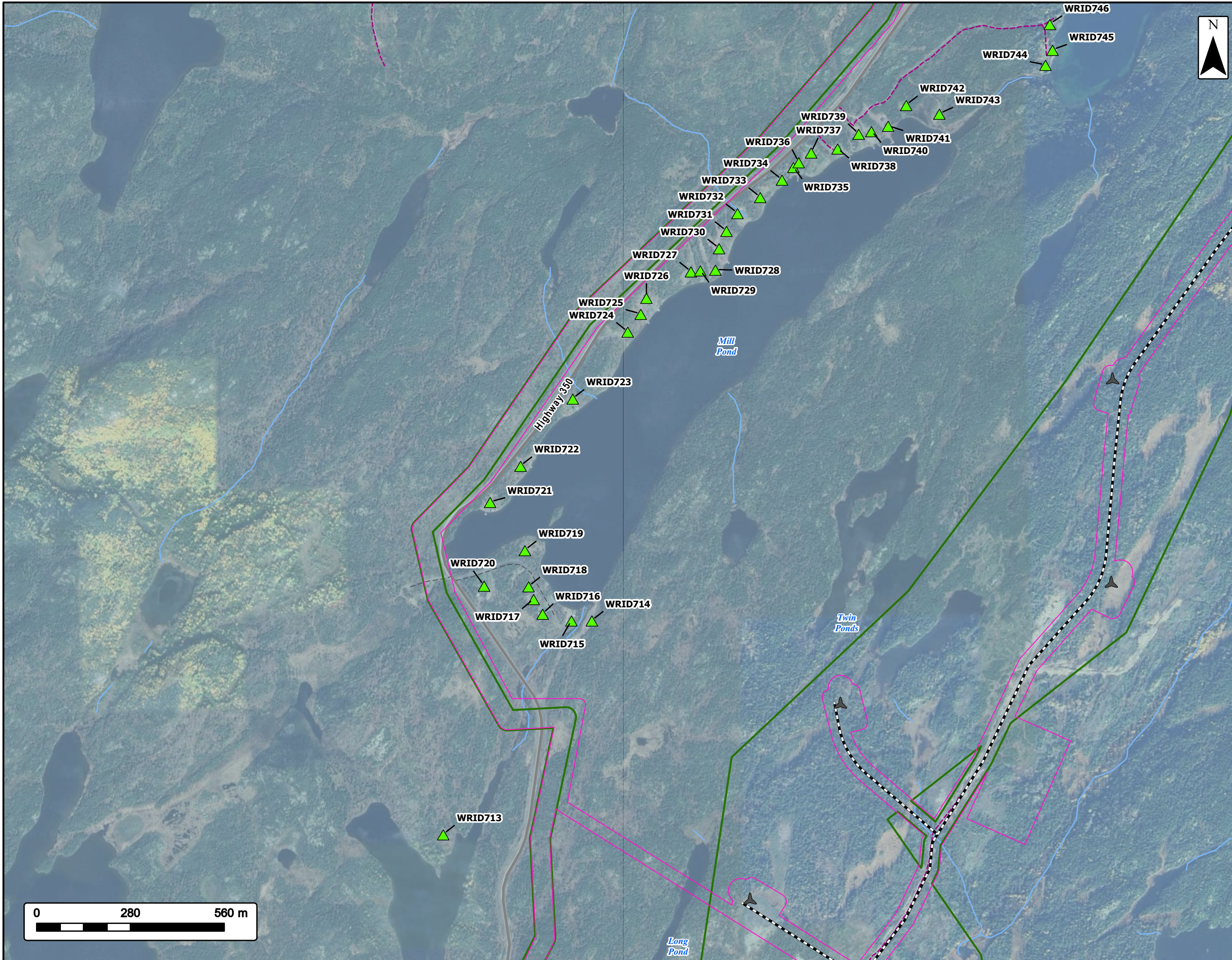
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Leading Ticksles Wind Project Area	
Project Footprint	
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Turbine	
Project Road	
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Crown Title - Some Exposure Within Guidelines	
<b>Transportation</b>	
Highway	
Unpaved Road	
Resource Road	
<b>Water Features</b>	
Mapped Watercourses	



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Drawn By:	B. Spencer		
Checked By:	L. Pominville		



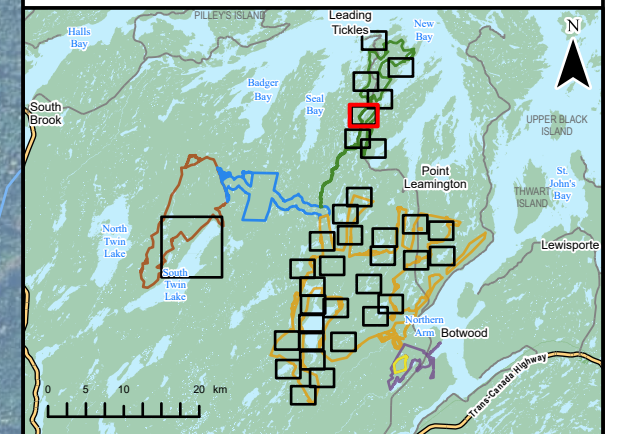


# EVREC Green Energy Hub

Leading Ticks Wind Project Area  
Shadow Flicker Hours Per Year - Realistic Case Scenario



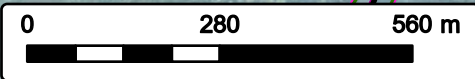
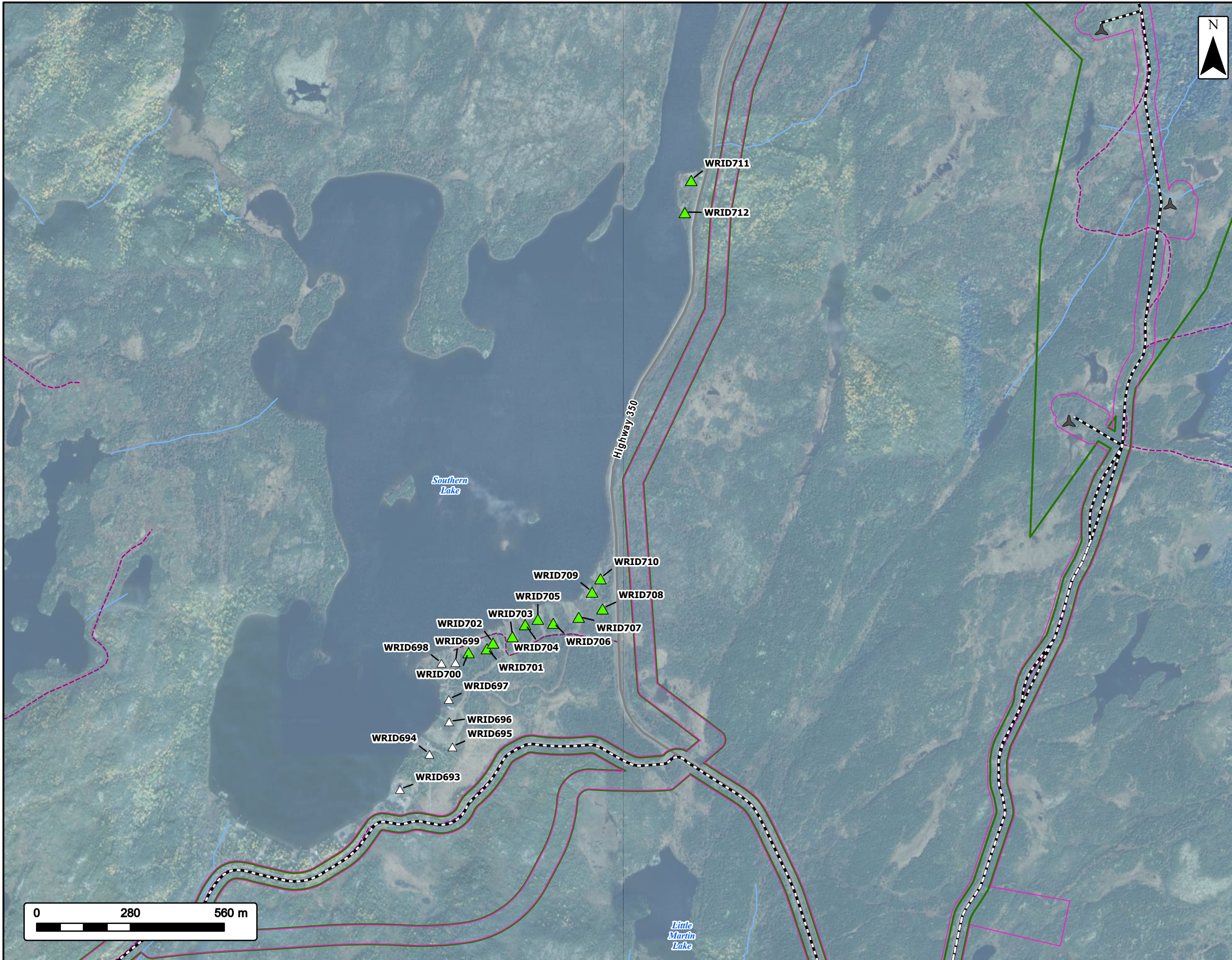
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Turbine	
Project Road	
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Crown Title - Some Exposure Within Guidelines	
<b>Transportation</b>	
Highway	
Unpaved Road	
Resource Road	
<b>Water Features</b>	
Mapped Watercourses	



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Drawn By:	B. Spencer		
Checked By:	L. Pominville		



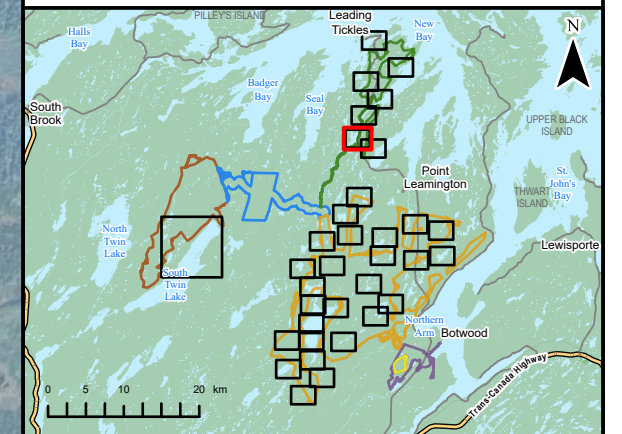


# EVREC Green Energy Hub

Leading Tickles Wind Project Area  
Shadow Flicker Hours Per Year - Realistic Case Scenario



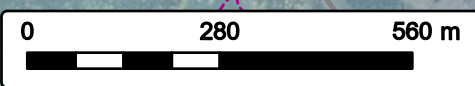
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Turbine	
Project Road	
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Crown Title - No Exposure	
Crown Title - Some Exposure Within Guidelines	
<b>Transportation</b>	
Highway	
Road	
Unpaved Road	
Resource Road	
<b>Water Features</b>	
Mapped Watercourses	



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Drawn By:	B. Spencer		
Checked By:	L. Pominville		



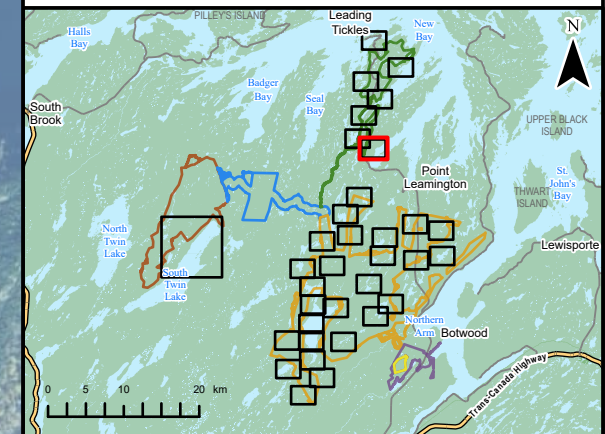


# EVREC Green Energy Hub

Leading Ticksles Wind Project Area  
Shadow Flicker Hours Per Year - Realistic Case Scenario



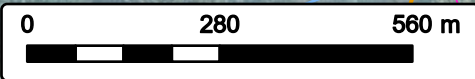
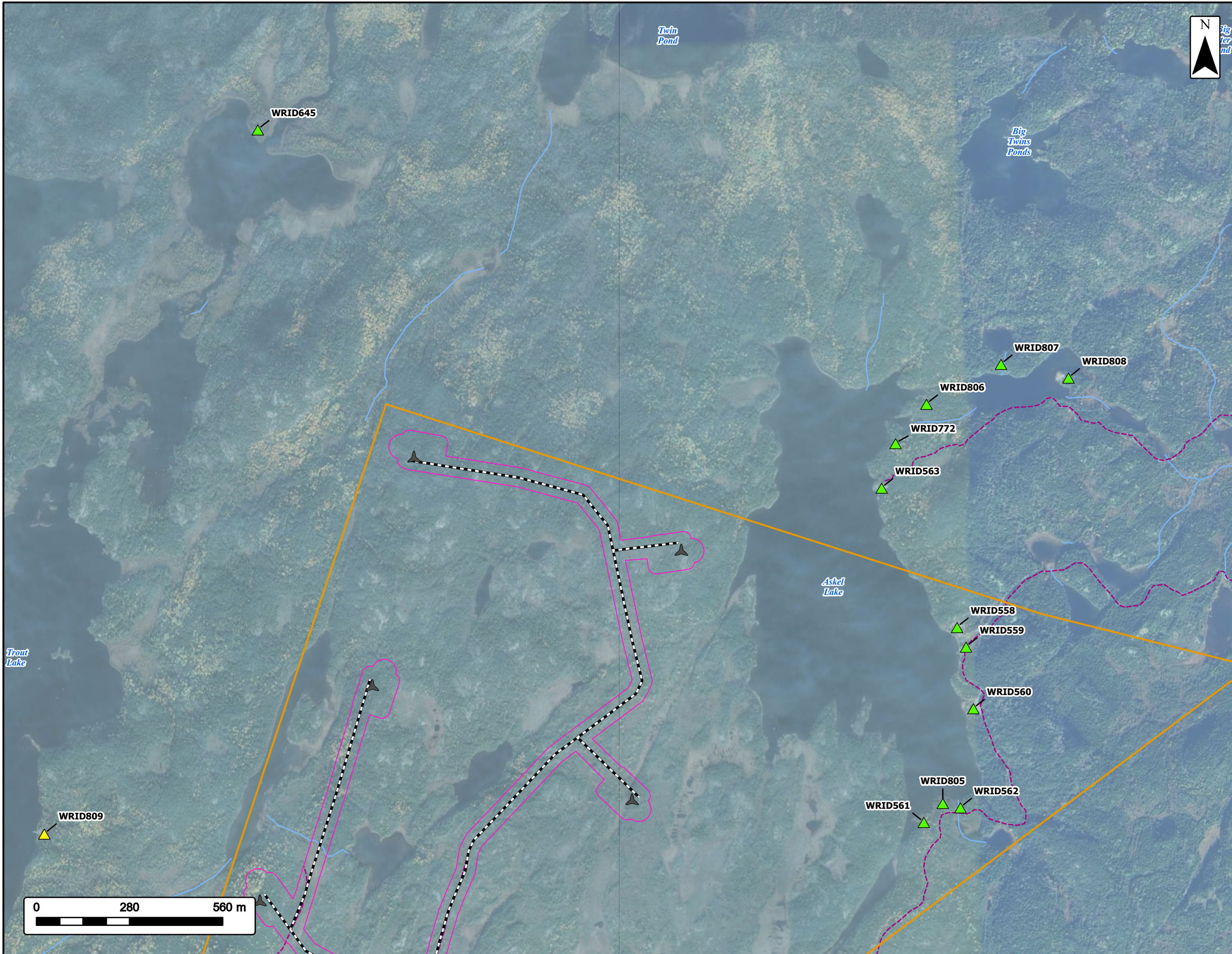
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Project Footprint	
Project Road	
<b>Remote Receptors</b>	
Crown Title - No Exposure	
<b>Transportation</b>	
Highway	
Unpaved Road	
Resource Road	
<b>Water Features</b>	
Mapped Watercourses	



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Drawn By:	B. Spencer		
Checked By:	L. Pominville		



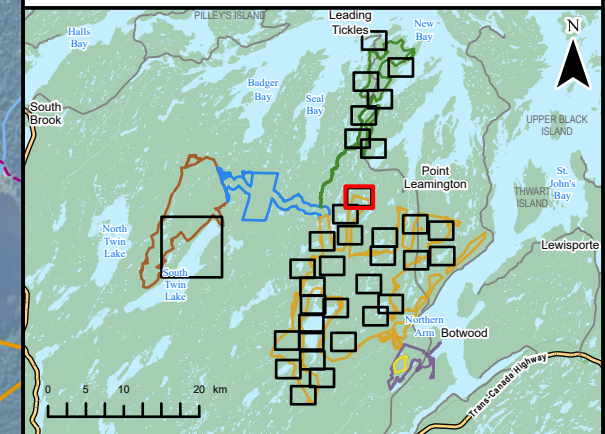


# EVREC Green Energy Hub

Botwood Wind Project Area  
Shadow Flicker Hours Per Year - Realistic Case Scenario



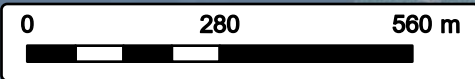
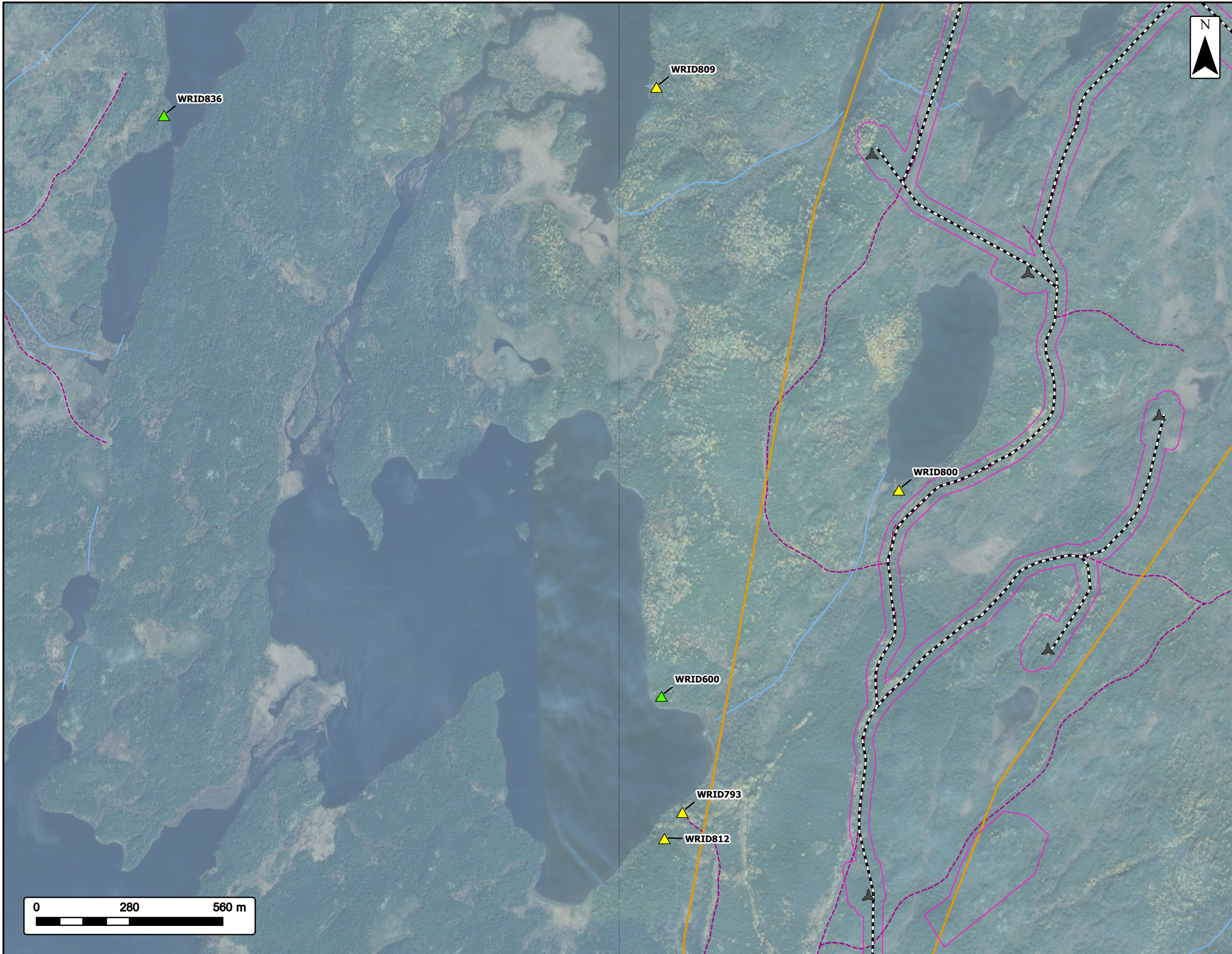
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Project Footprint	
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Turbine	
Project Road	
<b>Remote Receptors</b>	
Crown Title - Some Exposure Within Guidelines	
Crown Title - Exposure Exceeding Guidelines	
<b>Transportation</b>	
Resource Road	
<b>Water Features</b>	
Mapped Watercourses	



Coordinate System: NAD 1983 CSRS UTM Zone 21N  
Sources: © OpenStreetMap (and) contributors, CC-BY-SA, GeoNOVA, SNSIS, NSNRR, ACCDC, IBA Canada, CNWI, HERE, Garmin, USGS

Date:	2026-03-29	Project #:	24-10265
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Checked By:	L. Pominville		

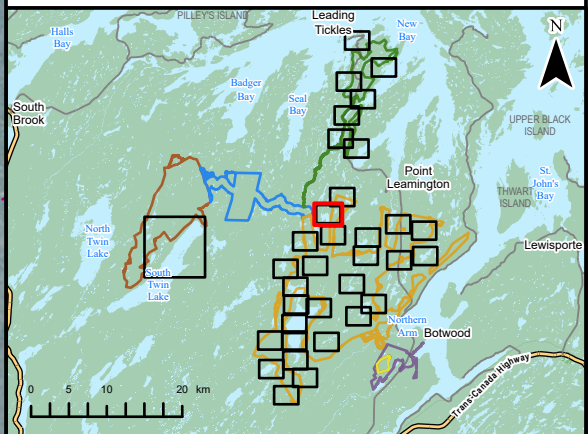




**EVREC Green Energy Hub**  
 Botwood Wind Project Area  
 Shadow Flicker Hours Per Year - Realistic Case Scenario



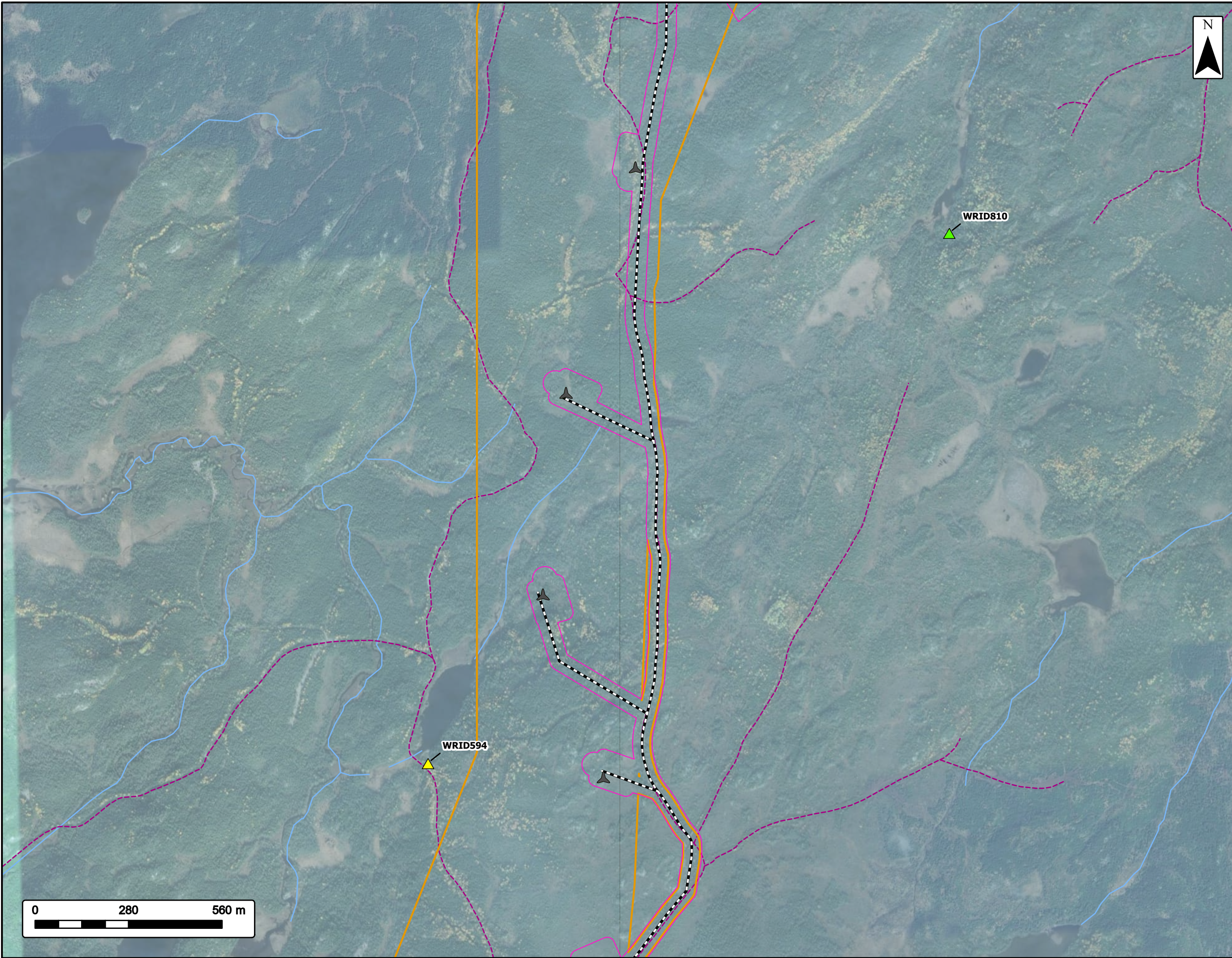
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Botwood Wind Project Area	
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Turbine	
Project Road	
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Crown Title - Some Exposure Within Guidelines	
Crown Title - Exposure Exceeding Guidelines	
<b>Transportation</b>	
Resource Road	
<b>Water Features</b>	
Mapped Watercourses	



Coordinate System: NAD 1983 CSRS UTM Zone 21N  
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Date: 2026-03-29	Project #: 24-10265
Scale: 1:11,000	Drawing #: <b>6.5-3J</b>
Drawn By: B. Spencer	
Checked By: L. Pominville	





# EVREC Green Energy Hub

Botwood Wind Project Area  
Shadow Flicker Hours Per Year - Realistic Case Scenario



### Project Area

Botwood Wind Project Area



Project Footprint



### Project Infrastructure

Turbine



Project Road



### Remote Receptors

Crown Title - Some Exposure Within Guidelines



Crown Title - Exposure Exceeding Guidelines



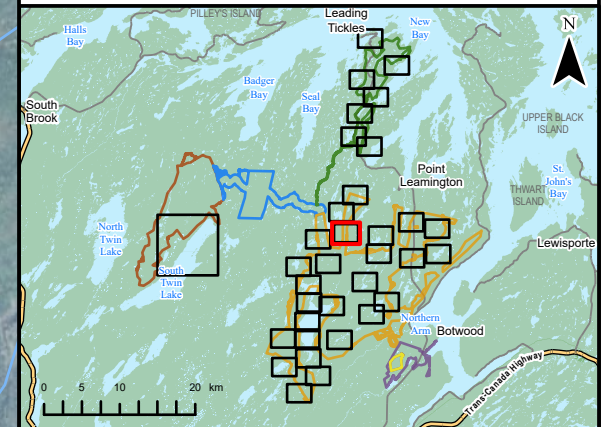
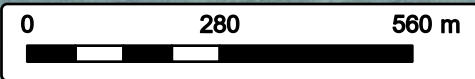
### Transportation

Resource Road



### Water Features

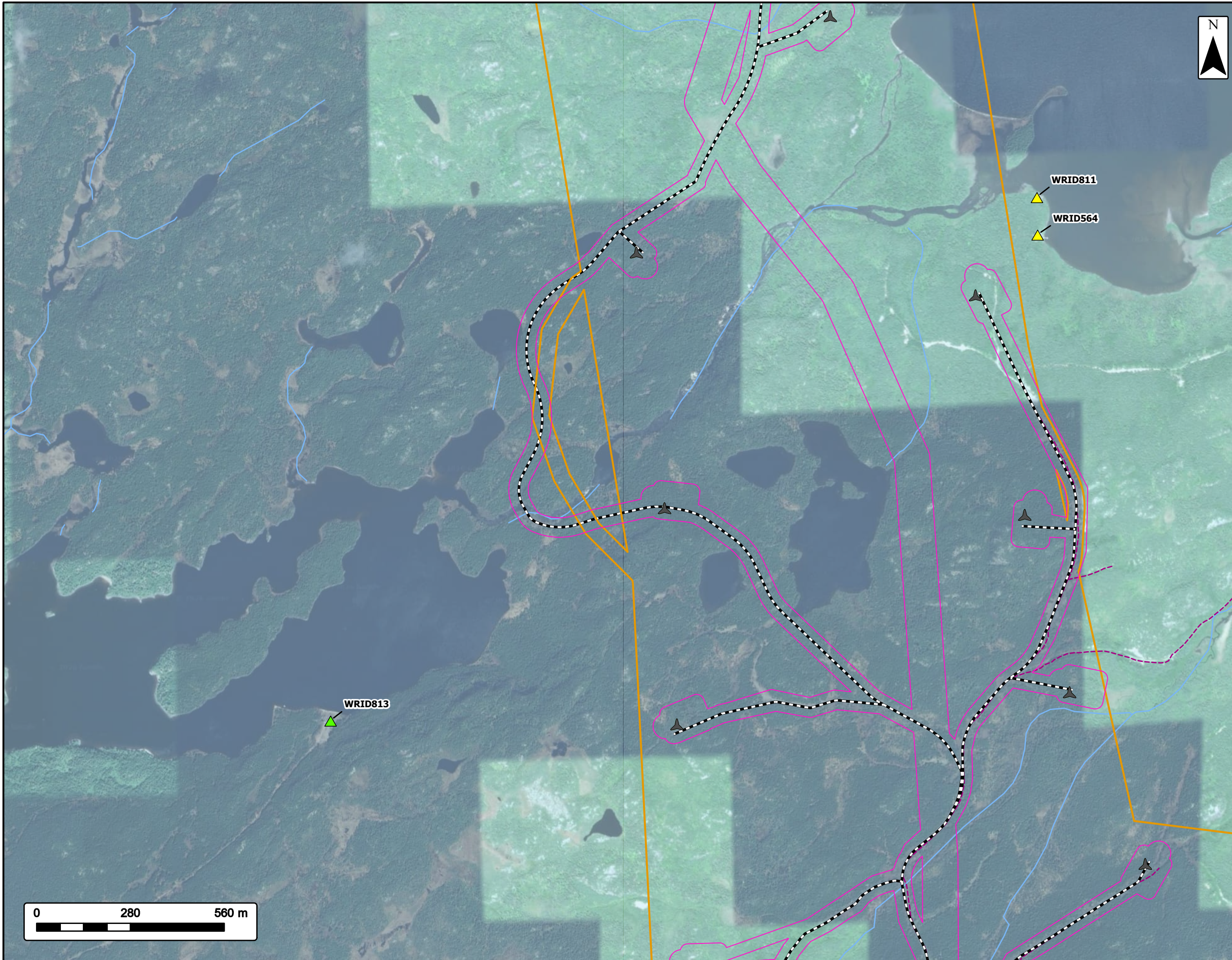
Mapped Watercourses



**Coordinate System:** NAD 1983 CSRS UTM Zone 21N  
**Sources:** © OpenStreetMap (and) contributors, CC-BY-SA, GeoNOVA, SNSIS, NSNRR, ACCDC, IBA Canada, CNWI, HERE, Garmin, USGS

Date: 2026-03-29	Project #: 24-10265
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Drawn By: B. Spencer	
Checked By: L. Pominville	

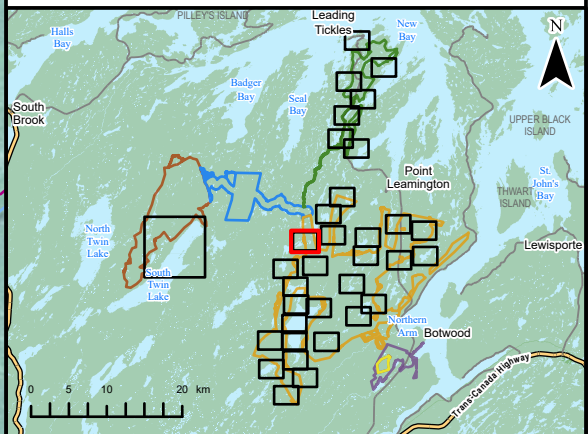
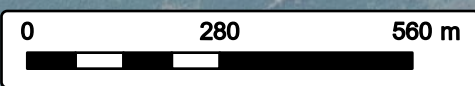




**EVREC Green Energy Hub**  
 Botwood Wind Project Area  
 Shadow Flicker Hours Per Year - Realistic Case Scenario



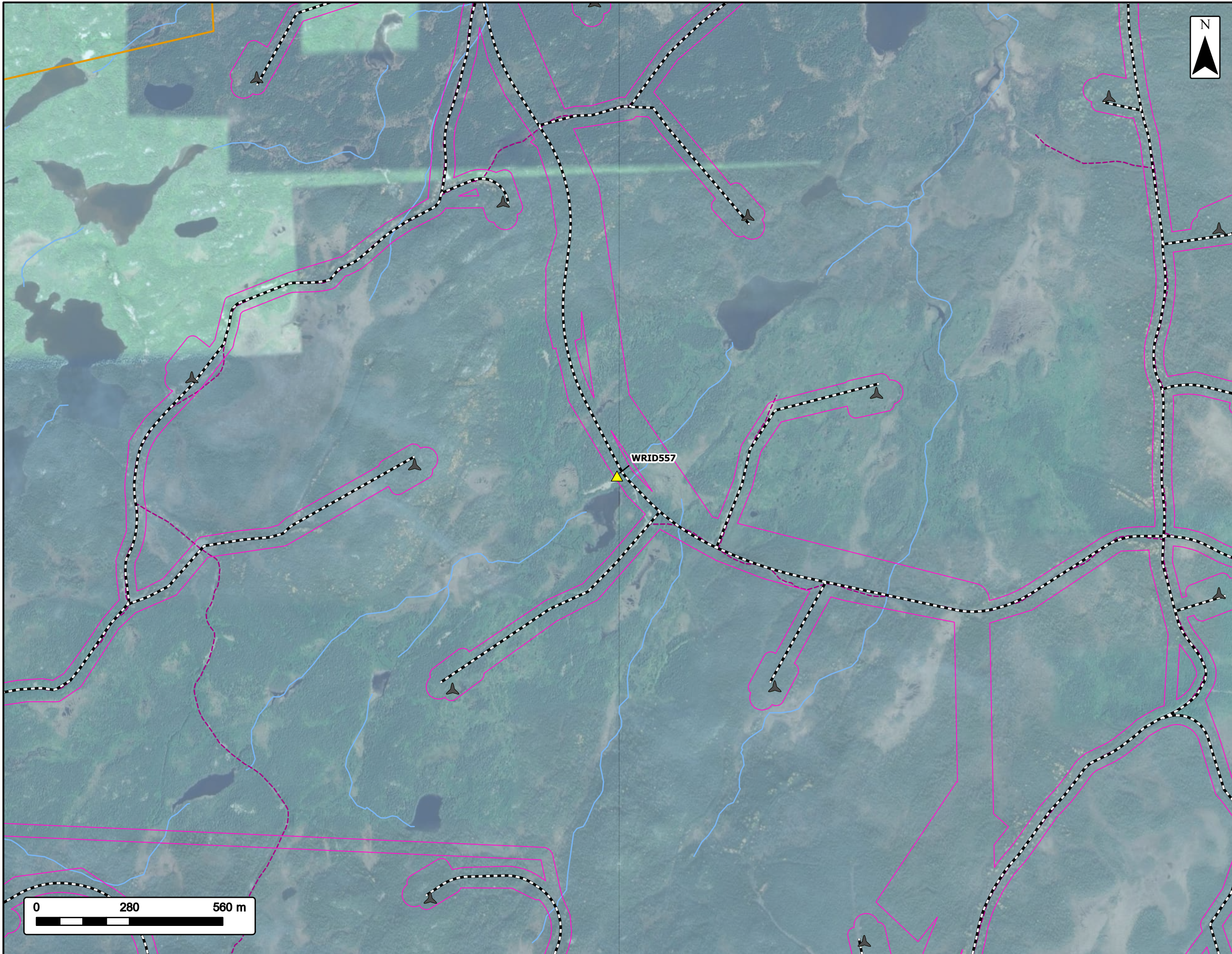
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Project Road	
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Crown Title - Some Exposure Within Guidelines	
Crown Title - Exposure Exceeding Guidelines	
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Resource Road	
<b>Water Features</b>	
Mapped Watercourses	



Coordinate System: NAD 1983 CSRS UTM Zone 21N  
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Date:	2026-03-29	Project #:	24-10265
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Drawn By:	B. Spencer		
Checked By:	L. Pomerville		

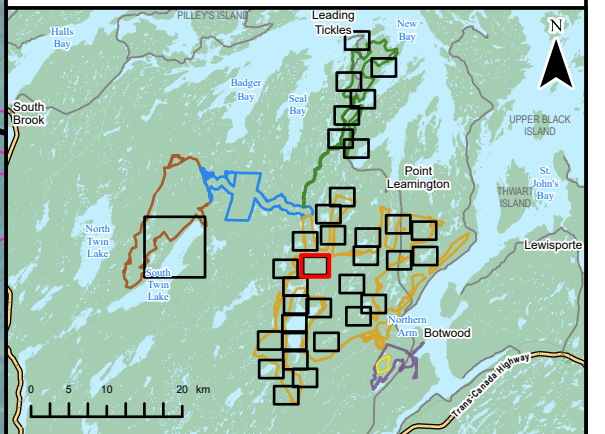




**EVREC Green Energy Hub**  
 Botwood Wind Project Area  
 Shadow Flicker Hours Per Year - Realistic Case Scenario

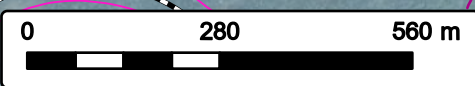


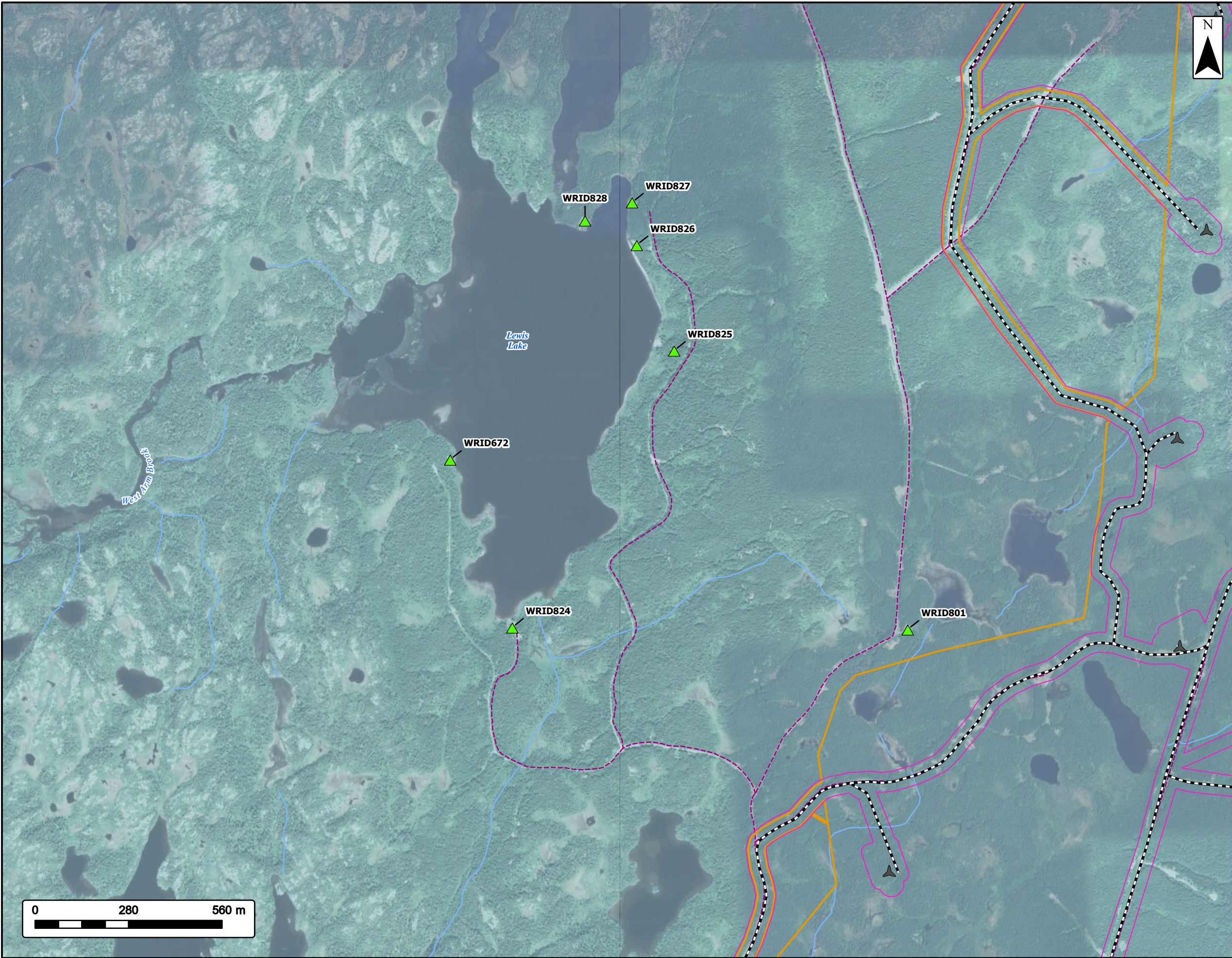
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Crown Title - Exposure Exceeding Guidelines	
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Resource Road	
<b>Water Features</b>	
Mapped Watercourses	



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Date:	2026-03-29	Project #:	24-10265
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Drawn By:	B. Spencer		
Checked By:	L. Pominville		

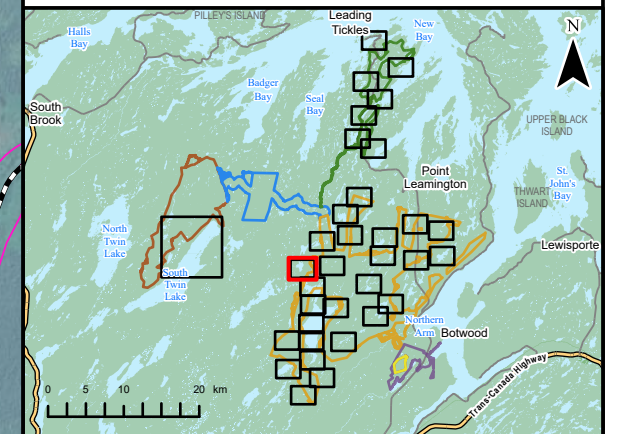
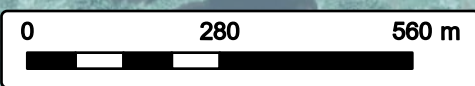




**EVREC Green Energy Hub**  
 Botwood Wind Project Area  
 Shadow Flicker Hours Per Year - Realistic Case Scenario



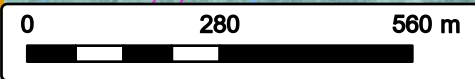
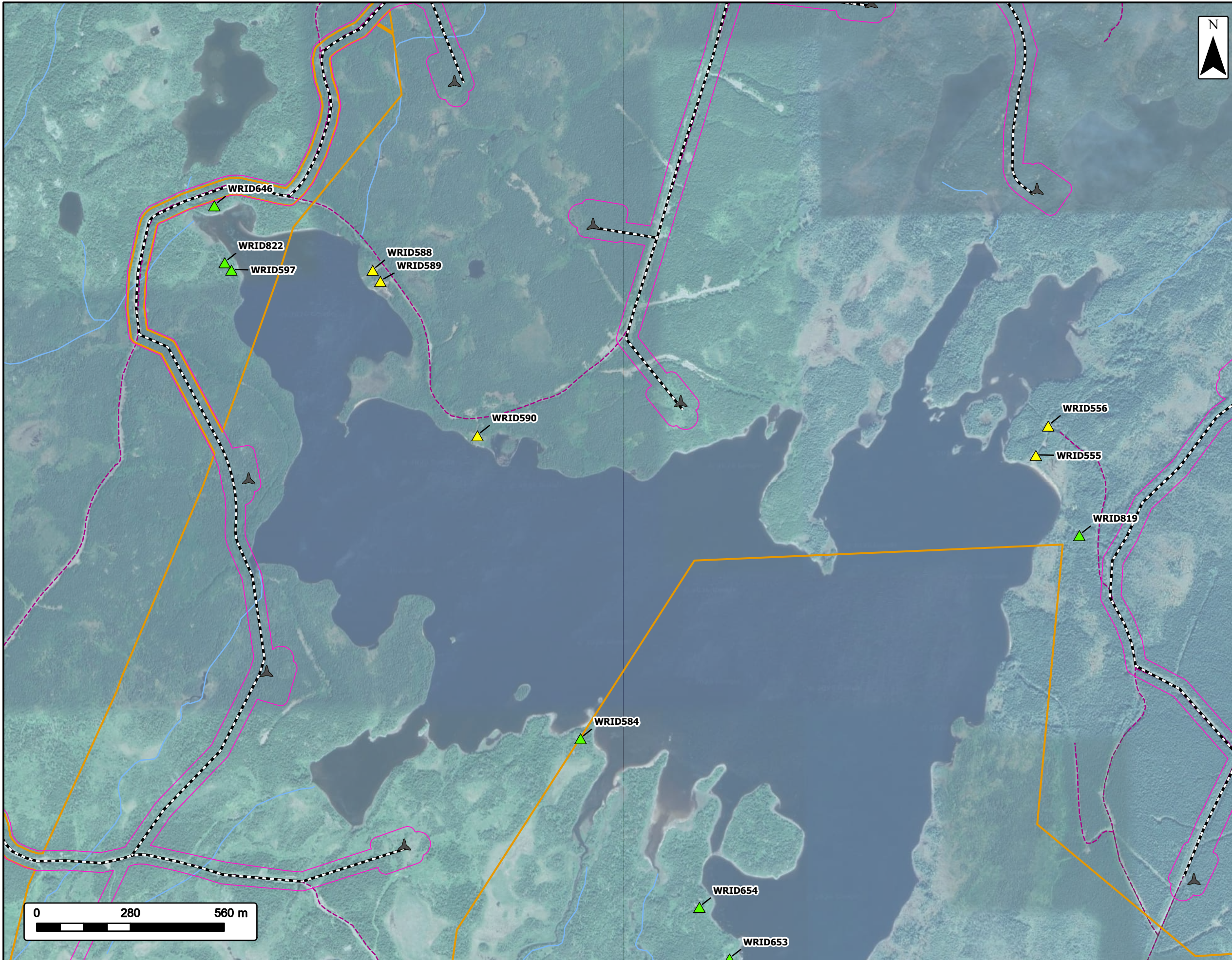
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Checked By:	L. Pominville		

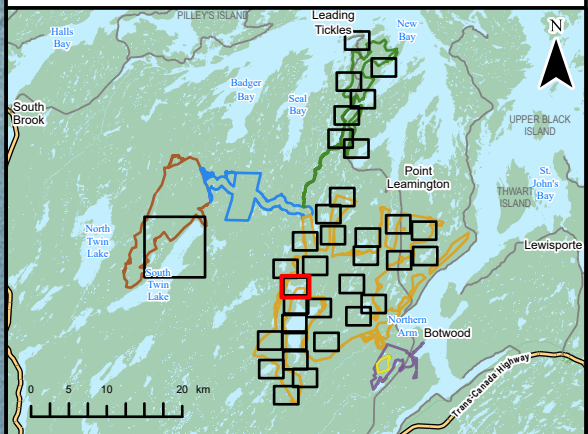




**EVREC Green Energy Hub**  
 Botwood Wind Project Area  
 Shadow Flicker Hours Per Year - Realistic Case Scenario



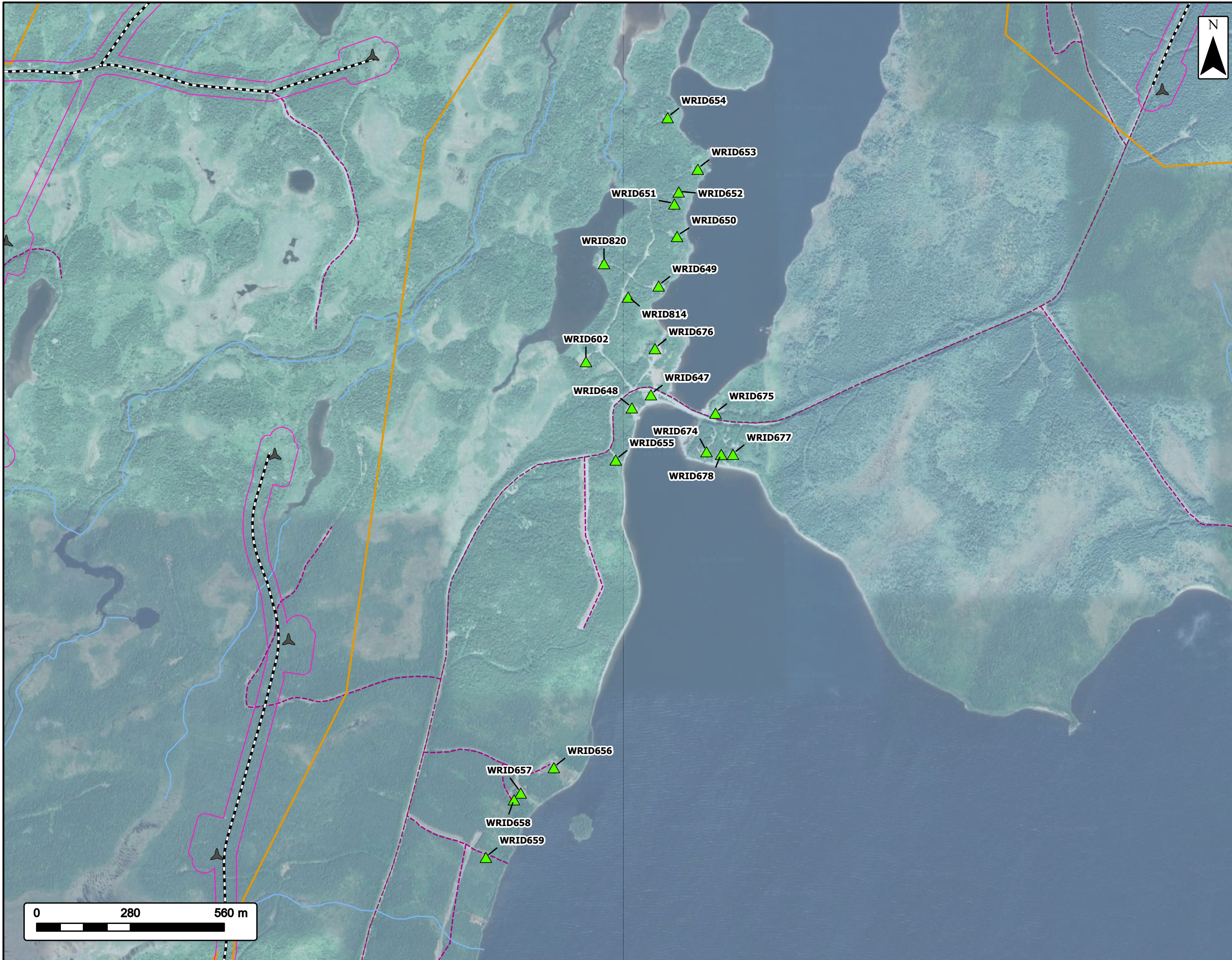
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Turbine	
Project Road	
<b>Remote Receptors</b>	
Crown Title - Some Exposure Within Guidelines	
Crown Title - Exposure Exceeding Guidelines	
<b>Transportation</b>	
Unpaved Road	
Resource Road	
<b>Water Features</b>	
Mapped Watercourses	



Coordinate System: NAD 1983 CSRS UTM Zone 21N  
 Sources: © OpenStreetMap (and) contributors, CC-BY-SA, GeoNOVA, SNSIS, NSNRR, ACCDC, IBA Canada, CNWI, HERE, Garmin, USGS

Date:	2026-03-29	Project #:	24-10265
Scale:	1:11,000	Drawing #:	<b>6.5-30</b>
Drawn By:	B. Spencer		
Checked By:	L. Pominville		



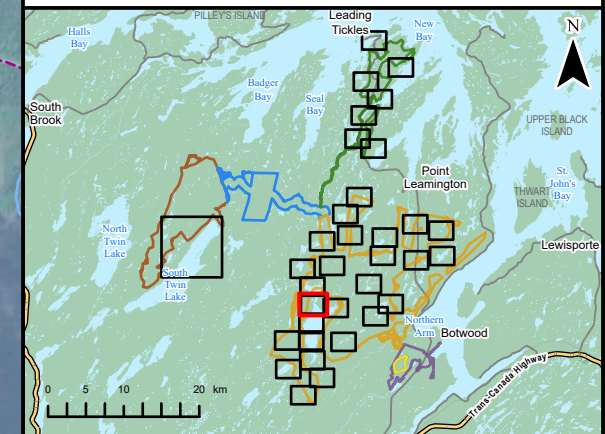


# EVREC Green Energy Hub

Botwood Wind Project Area  
Shadow Flicker Hours Per Year - Realistic Case Scenario



<b>Project Area</b>	
Botwood Wind Project Area	
<b>Project Infrastructure</b>	
Project Footprint	
<b>Project Infrastructure</b>	
Turbine	
<b>Project Infrastructure</b>	
Project Road	
<b>Remote Receptors</b>	
Crown Title - Some Exposure Within Guidelines	
<b>Transportation</b>	
Unpaved Road	
<b>Transportation</b>	
Resource Road	
<b>Water Features</b>	
Mapped Watercourses	



Coordinate System: NAD 1983 CSRS UTM Zone 21N  
Sources: © OpenStreetMap (and) contributors, CC-BY-SA, GeoNOVA, SNSIS, NSNRR, ACCDC, IBA Canada, CNWI, HERE, Garmin, USGS

Date:	2026-03-29	Project #:	24-10265
Scale:	1:11,000	Drawing #:	<b>6.5-3P</b>
Drawn By:	B. Spencer		
Checked By:	L. Pominville		



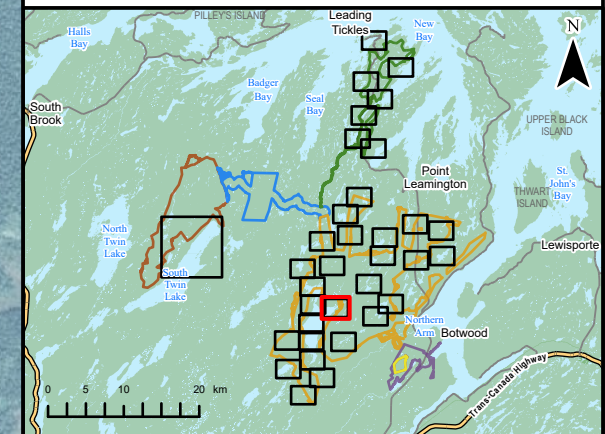


# EVREC Green Energy Hub

Botwood Wind Project Area  
Shadow Flicker Hours Per Year - Realistic Case Scenario

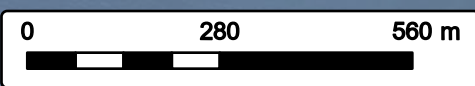


<b>Project Area</b>	
Botwood Wind Project Area	
Project Footprint	
<b>Project Infrastructure</b>	
Turbine	
Project Road	
<b>Remote Receptors</b>	
Crown Title - Some Exposure Within Guidelines	
Crown Title - Exposure Exceeding Guidelines	
<b>Transportation</b>	
Unpaved Road	
Resource Road	
<b>Water Features</b>	
Mapped Watercourses	



Coordinate System: NAD 1983 CSRS UTM Zone 21N  
Sources: © OpenStreetMap (and) contributors, CC-BY-SA, GeoNOVA, SNSIS, NSNRR, ACCDC, IBA Canada, CNWI, HERE, Garmin, USGS

Date:	2026-03-29	Project #:	24-10265
Scale:	1:11,000	Drawing #:	<b>6.5-3Q</b>
Drawn By:	B. Spencer		
Checked By:	L. Pominville		





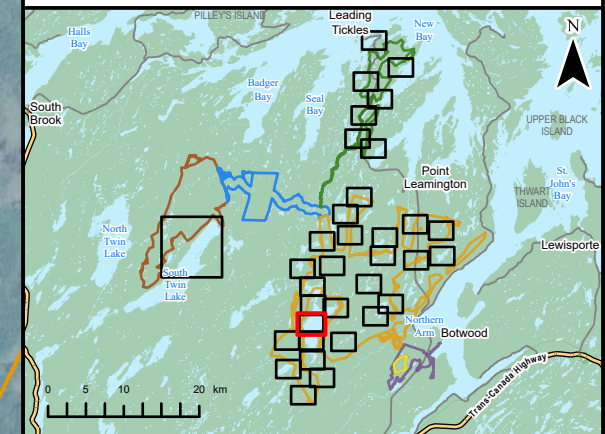
# EVREC Green Energy Hub

Botwood Wind Project Area  
Shadow Flicker Hours Per Year - Realistic Case Scenario



<b>Project Area</b>	
Botwood Wind Project Area	
Project Footprint	
<b>Project Infrastructure</b>	
Turbine	
Project Road	
<b>Remote Receptors</b>	
Crown Title - Some Exposure Within Guidelines	
Crown Title - Exposure Exceeding Guidelines	
<b>Transportation</b>	
Unpaved Road	
Resource Road	
<b>Water Features</b>	
Mapped Watercourses	

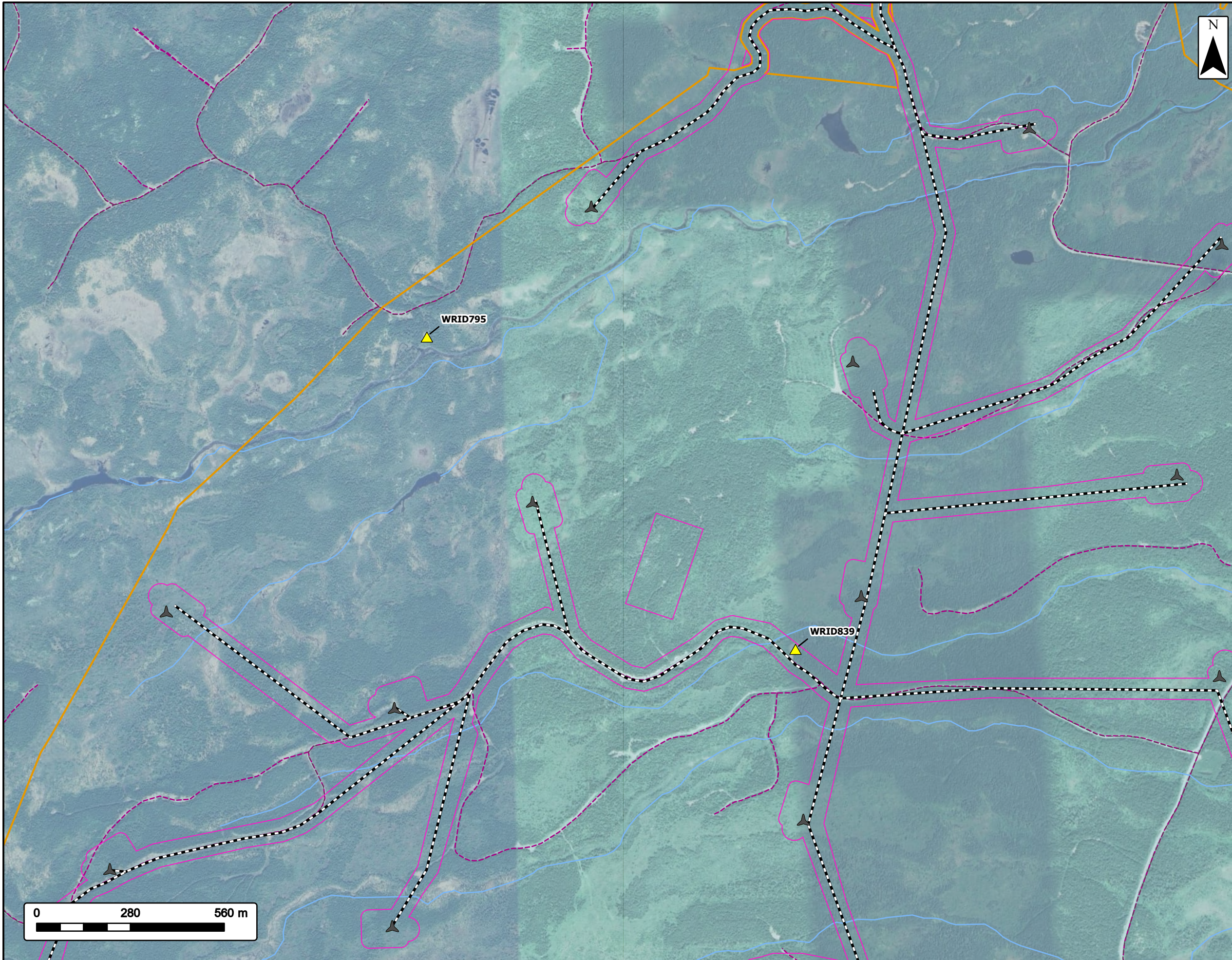
New Bay Pond



Coordinate System: NAD 1983 CSRS UTM Zone 21N  
Sources: © OpenStreetMap (and) contributors, CC-BY-SA, GeoNOVA, SNSIS, NSNRR, ACCDC, IBA Canada, CNWI, HERE, Garmin, USGS

Date:	2026-03-29	Project #:	24-10265
Scale:	1:11,000	Drawing #:	<b>6.5-3R</b>
Drawn By:	B. Spencer		
Checked By:	L. Pominville		



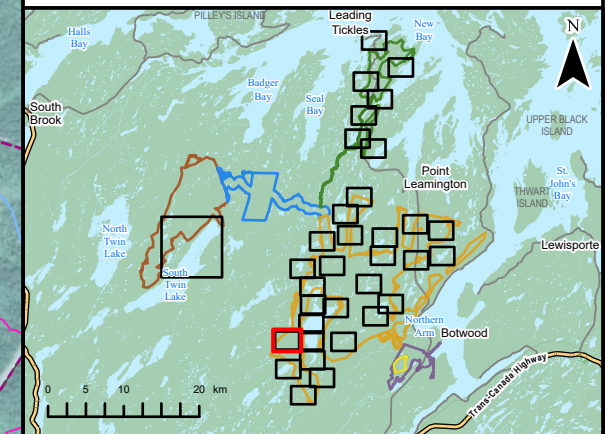


# EVREC Green Energy Hub

Botwood Wind Project Area  
Shadow Flicker Hours Per Year - Realistic Case Scenario

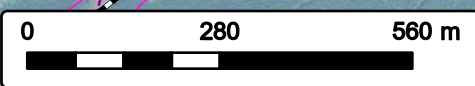


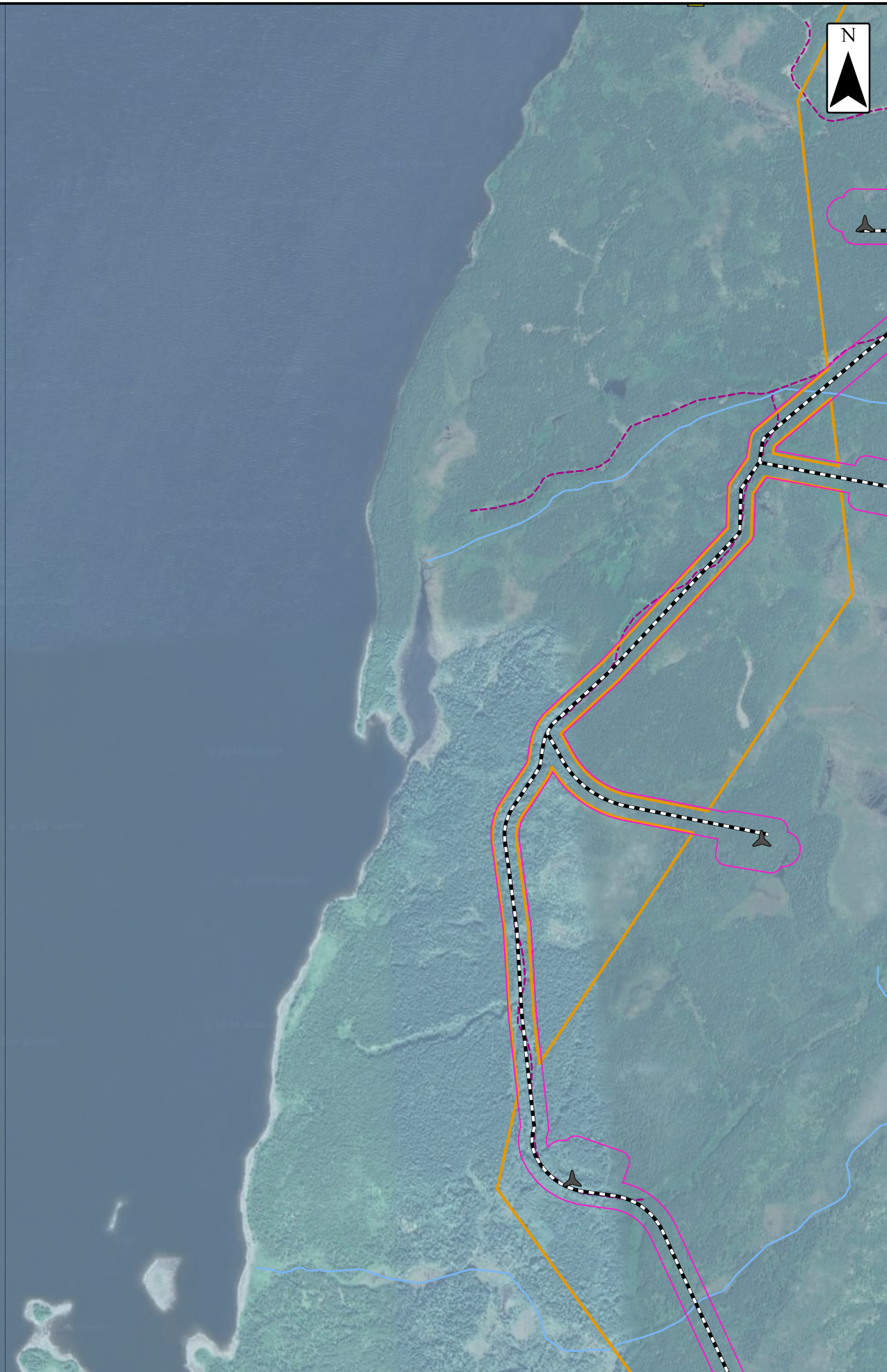
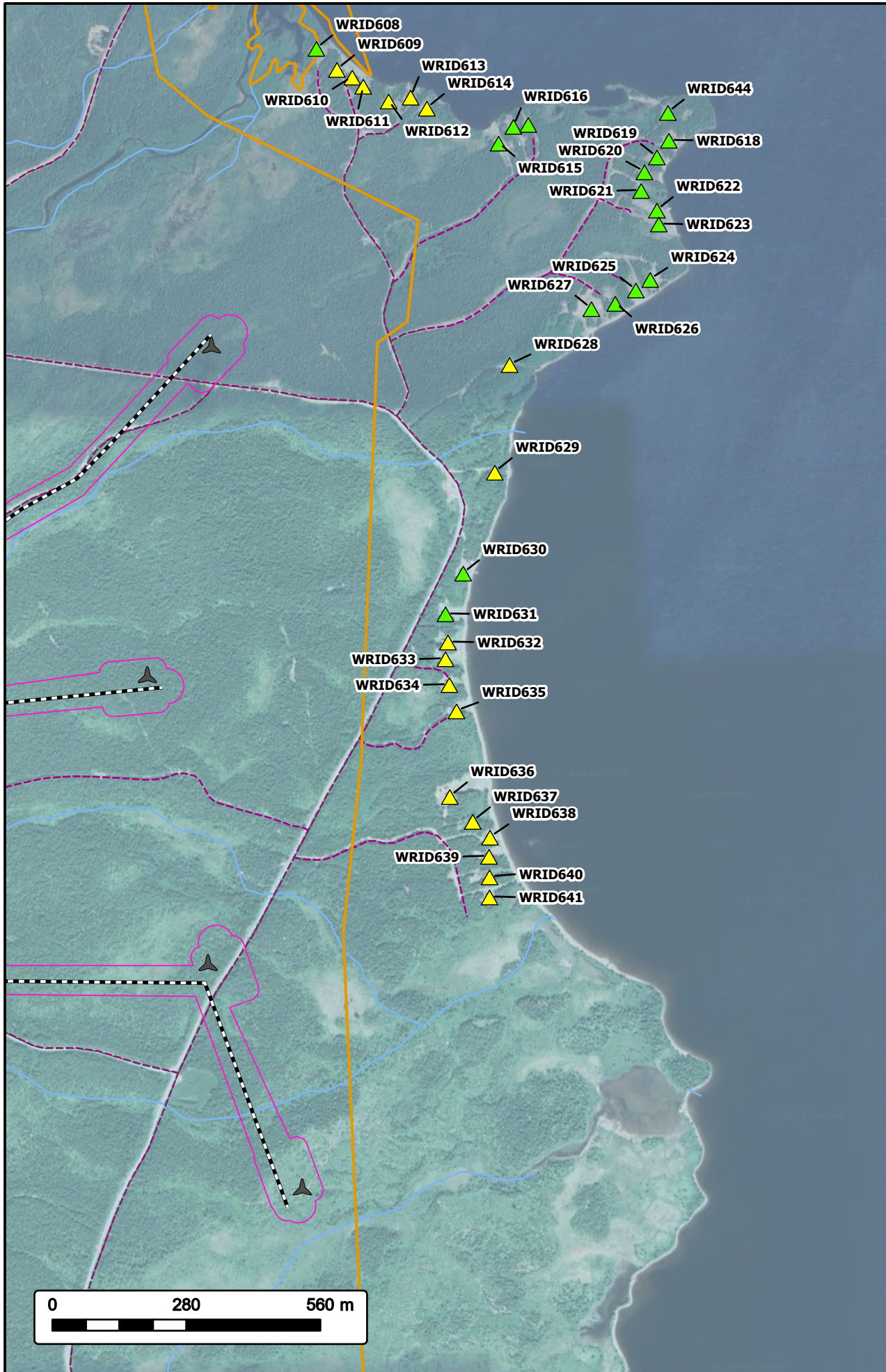
<b>Project Area</b>	
Botwood Wind Project Area	
Project Footprint	
<b>Project Infrastructure</b>	
Turbine	
Project Road	
<b>Remote Receptors</b>	
Crown Title - Exposure Exceeding Guidelines	
<b>Transportation</b>	
Unpaved Road	
Resource Road	
<b>Water Features</b>	
Mapped Watercourses	



Coordinate System: NAD 1983 CSRS UTM Zone 21N  
Sources: © OpenStreetMap (and) contributors, CC-BY-SA, GeoNOVA, SNSIS, NSNRR, ACCDC, IBA Canada, CNWI, HERE, Garmin, USGS

Date:	2026-03-29	Project #:	24-10265
Scale:	1:11,000	Drawing #:	<b>6.5-3S</b>
Drawn By:	B. Spencer		
Checked By:	L. Pominville		



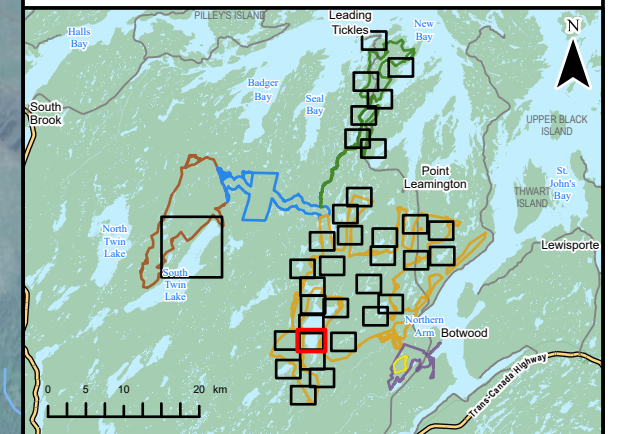


# EVREC Green Energy Hub

Botwood Wind Project Area  
Shadow Flicker Hours Per Year - Realistic Case Scenario

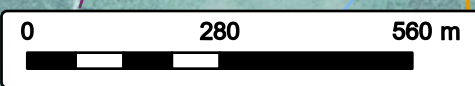


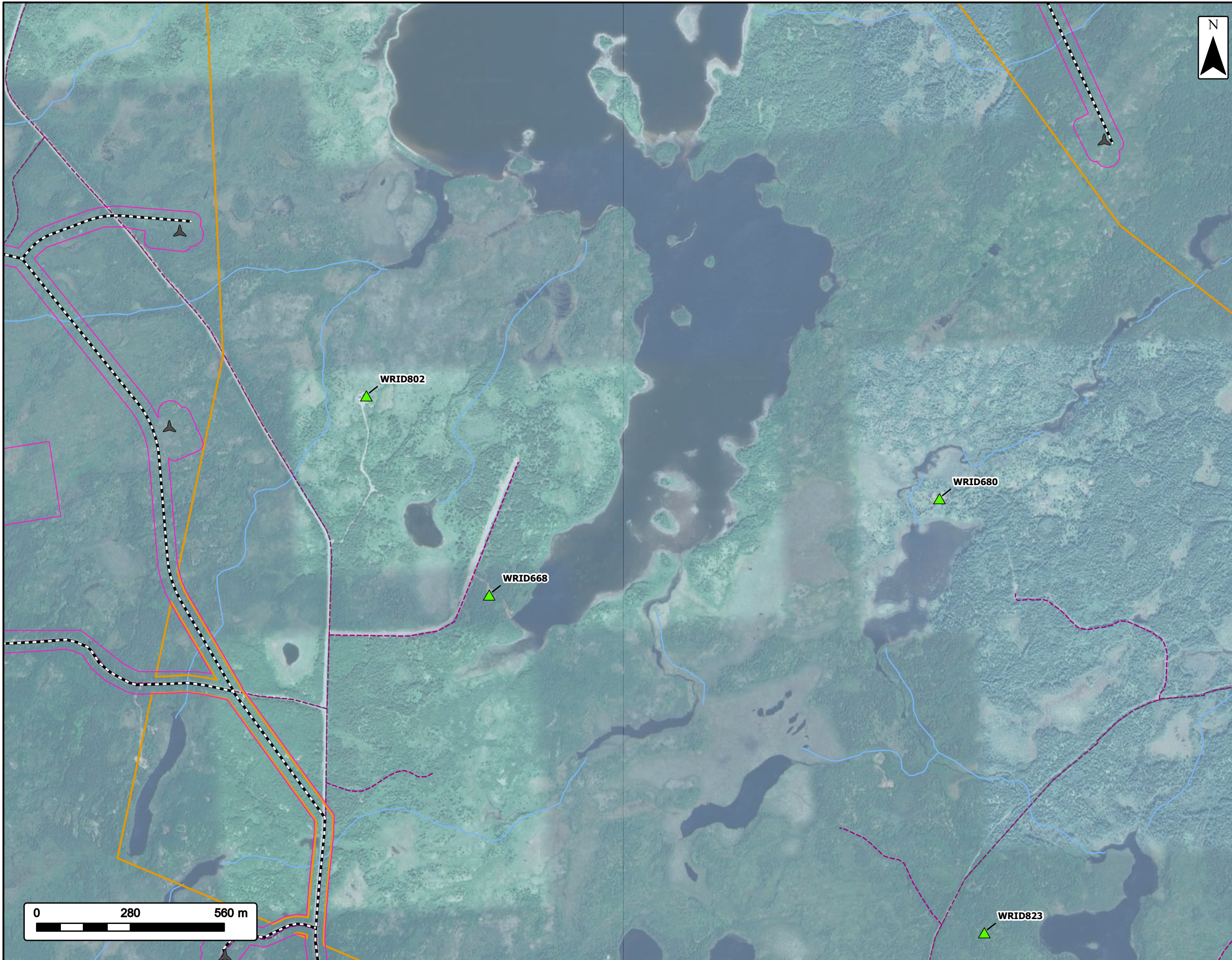
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Botwood Wind Project Area	
<b>Project Infrastructure</b>	
Project Footprint	
<b>Project Infrastructure</b>	
Turbine	
<b>Project Infrastructure</b>	
Project Road	
<b>Remote Receptors</b>	
Crown Title - Some Exposure Within Guidelines	
<b>Remote Receptors</b>	
Crown Title - Exposure Exceeding Guidelines	
<b>Transportation</b>	
Unpaved Road	
<b>Transportation</b>	
Resource Road	
<b>Water Features</b>	
Mapped Watercourses	



Coordinate System: NAD 1983 CSRS UTM Zone 21N  
Sources: © OpenStreetMap (and) contributors, CC-BY-SA, GeoNOVA, SNSIS, NSNRR, ACCDC, IBA Canada, CNWI, HERE, Garmin, USGS

Date:	2026-03-29	Project #:	24-10265
Scale:	1:11,000	Drawing #:	<b>6.5-3T</b>
Drawn By:	B. Spencer		
Checked By:	L. Pominville		

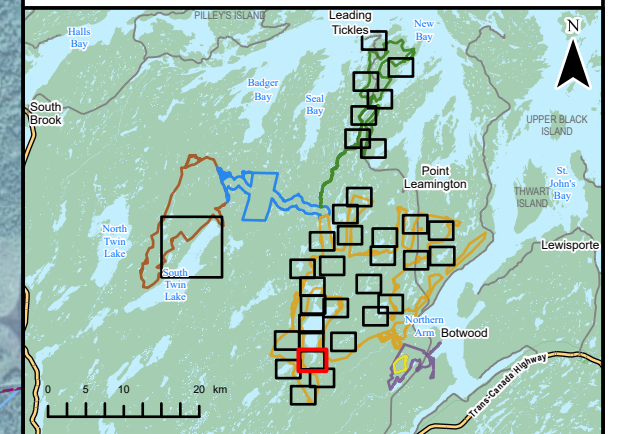




**EVREC Green Energy Hub**  
 Botwood Wind Project Area  
 Shadow Flicker Hours Per Year - Realistic Case Scenario

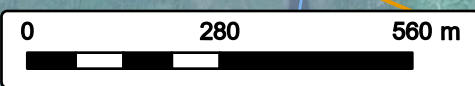


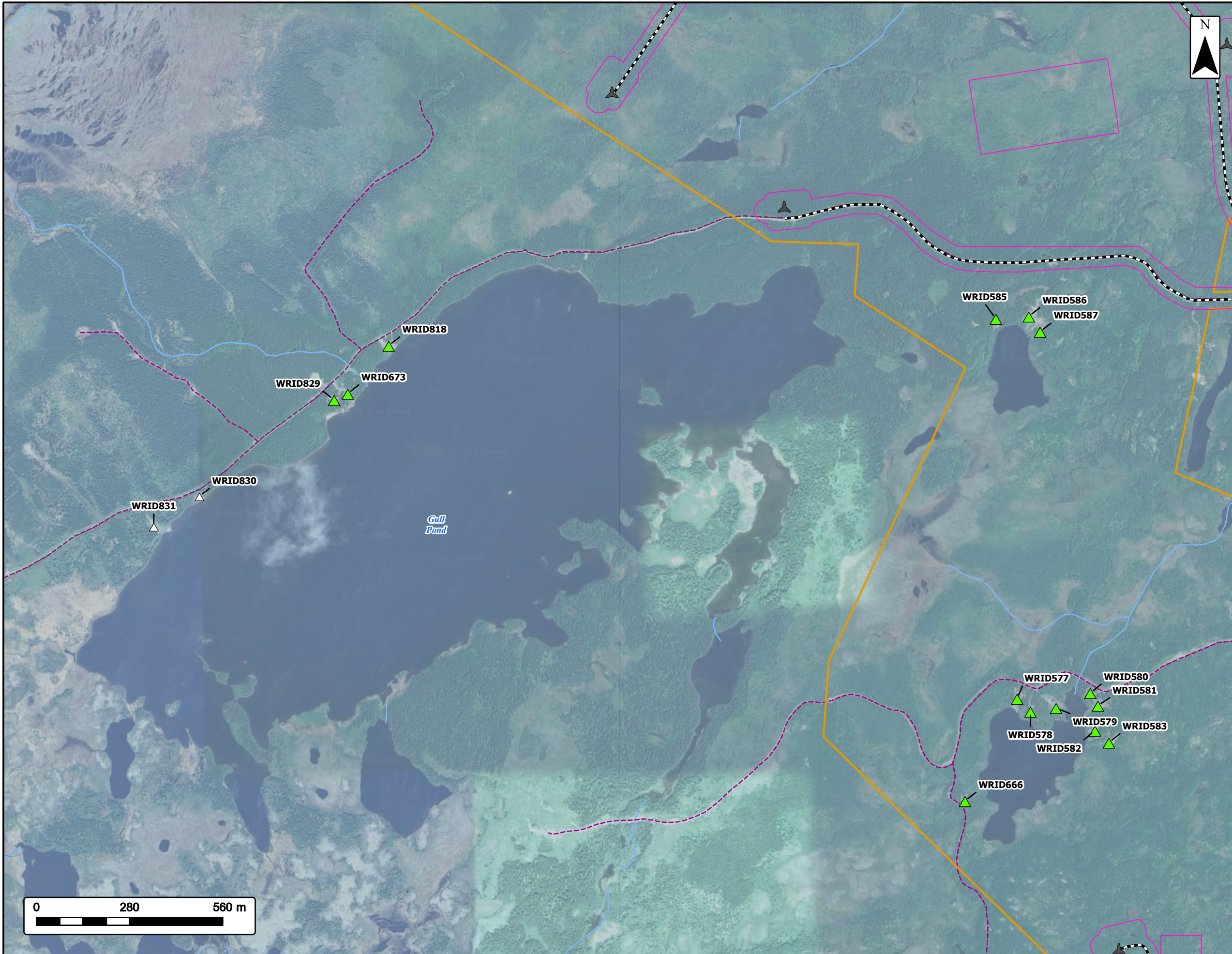
<b>Project Area</b>	
Botwood Wind Project Area	
Project Footprint	
<b>Project Infrastructure</b>	
Turbine	
Project Road	
<b>Remote Receptors</b>	
Crown Title - Some Exposure Within Guidelines	
<b>Transportation</b>	
Unpaved Road	
Resource Road	
<b>Water Features</b>	
Mapped Watercourses	



Coordinate System: NAD 1983 CSRS UTM Zone 21N  
 Sources: © OpenStreetMap (and) contributors, CC-BY-SA, GeoNOVA, SNSIS, NSNRR, ACCDC, IBA Canada, CNWI, HERE, Garmin, USGS

Date:	2026-03-29	Project #:	24-10265
Scale:	1:11,000	Drawing #:	<b>6.5-3U</b>
Drawn By:	B. Spencer		
Checked By:	L. Pominville		



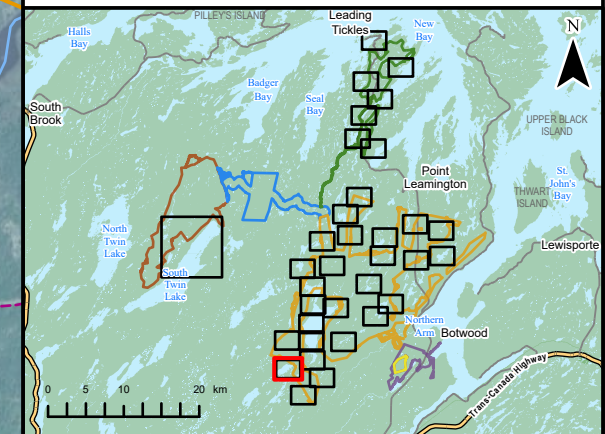


# EVREC Green Energy Hub

Botwood Wind Project Area  
Shadow Flicker Hours Per Year - Realistic Case Scenario

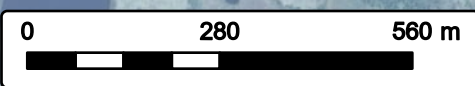


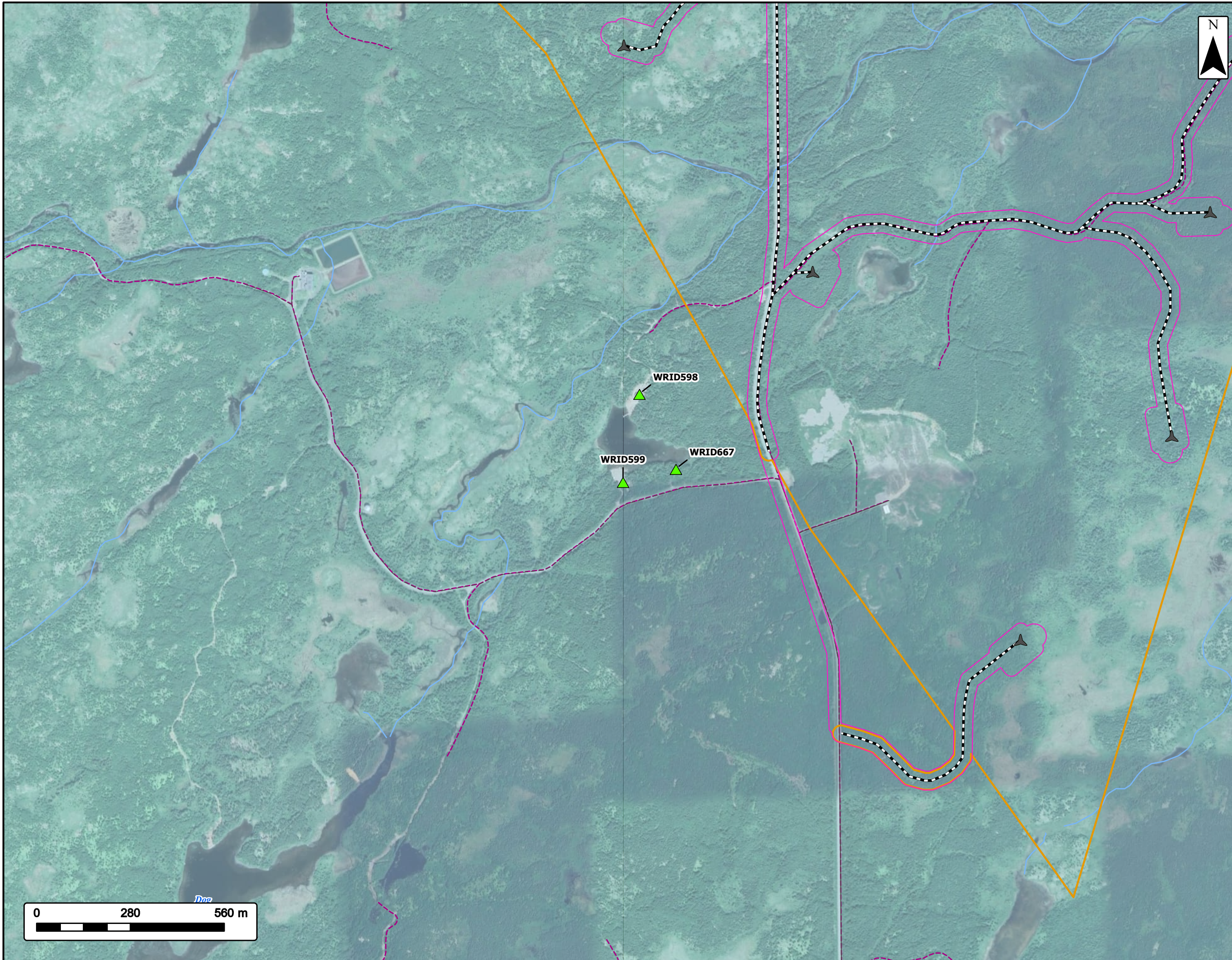
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Turbine	
Project Road	
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Crown Title - Some Exposure Within Guidelines	
<b>Transportation</b>	
Unpaved Road	
Resource Road	
<b>Water Features</b>	
Mapped Watercourses	



Coordinate System: NAD 1983 CSRS UTM Zone 21N  
Sources: © OpenStreetMap (and) contributors, CC-BY-SA, GeoNOVA, SNSIS, NSNRR, ACCDC, IBA Canada, CNWI, HERE, Garmin, USGS

Date:	2026-03-29	Project #:	24-10265
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Drawn By:	B. Spencer		
Checked By:	L. Pominville		



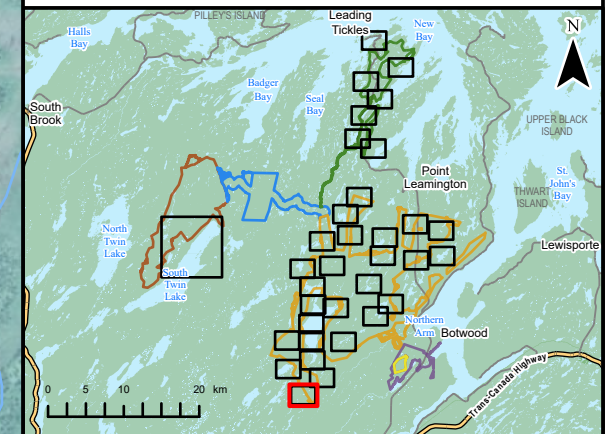


# EVREC Green Energy Hub

Botwood Wind Project Area  
Shadow Flicker Hours Per Year - Realistic Case Scenario

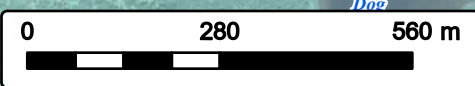


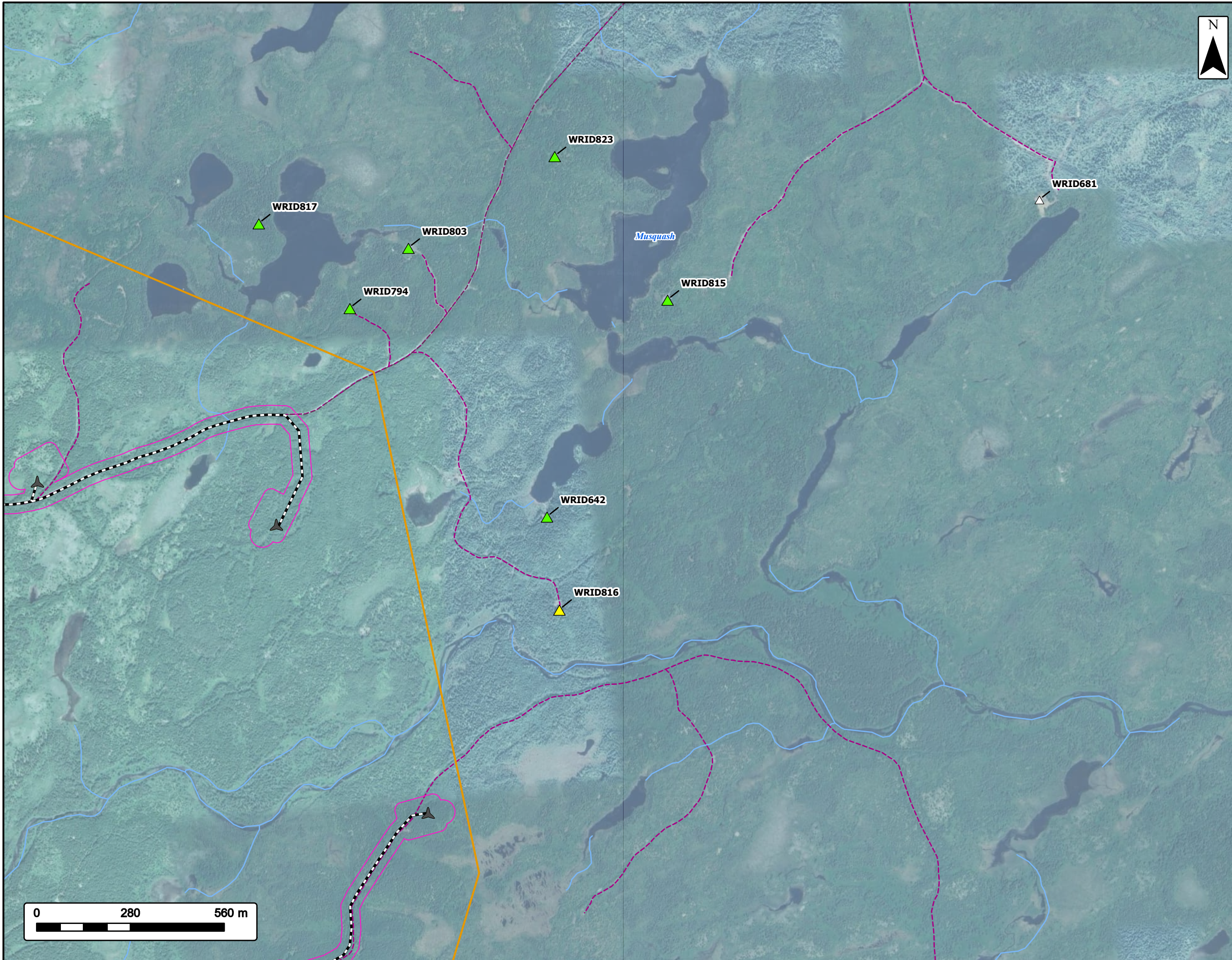
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Botwood Wind Project Area	
Project Footprint	
<b>Project Infrastructure</b>	
Turbine	
Project Road	
<b>Remote Receptors</b>	
Crown Title - Some Exposure Within Guidelines	
<b>Transportation</b>	
Road	
Unpaved Road	
Resource Road	
<b>Water Features</b>	
Mapped Watercourses	



Coordinate System: NAD 1983 CSRS UTM Zone 21N  
Sources: © OpenStreetMap (and) contributors, CC-BY-SA, GeoNOVA, SNSIS, NSNRR, ACCDC, IBA Canada, CNWI, HERE, Garmin, USGS

Date:	2026-03-29	Project #:	24-10265
Scale:	1:11,000	Drawing #:	<b>6.5-3W</b>
Drawn By:	B. Spencer		
Checked By:	L. Pominville		

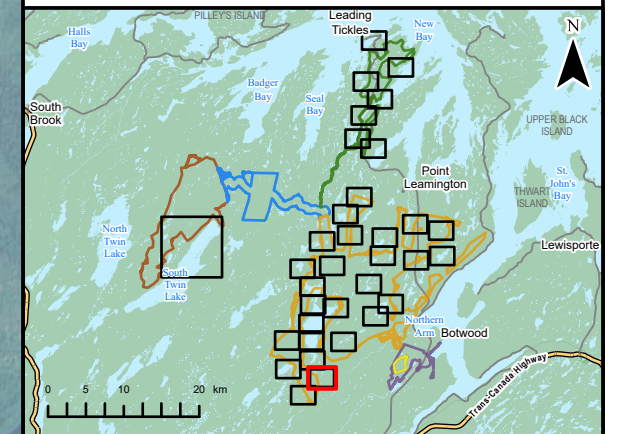




**EVREC Green Energy Hub**  
 Botwood Wind Project Area  
 Shadow Flicker Hours Per Year - Realistic Case Scenario



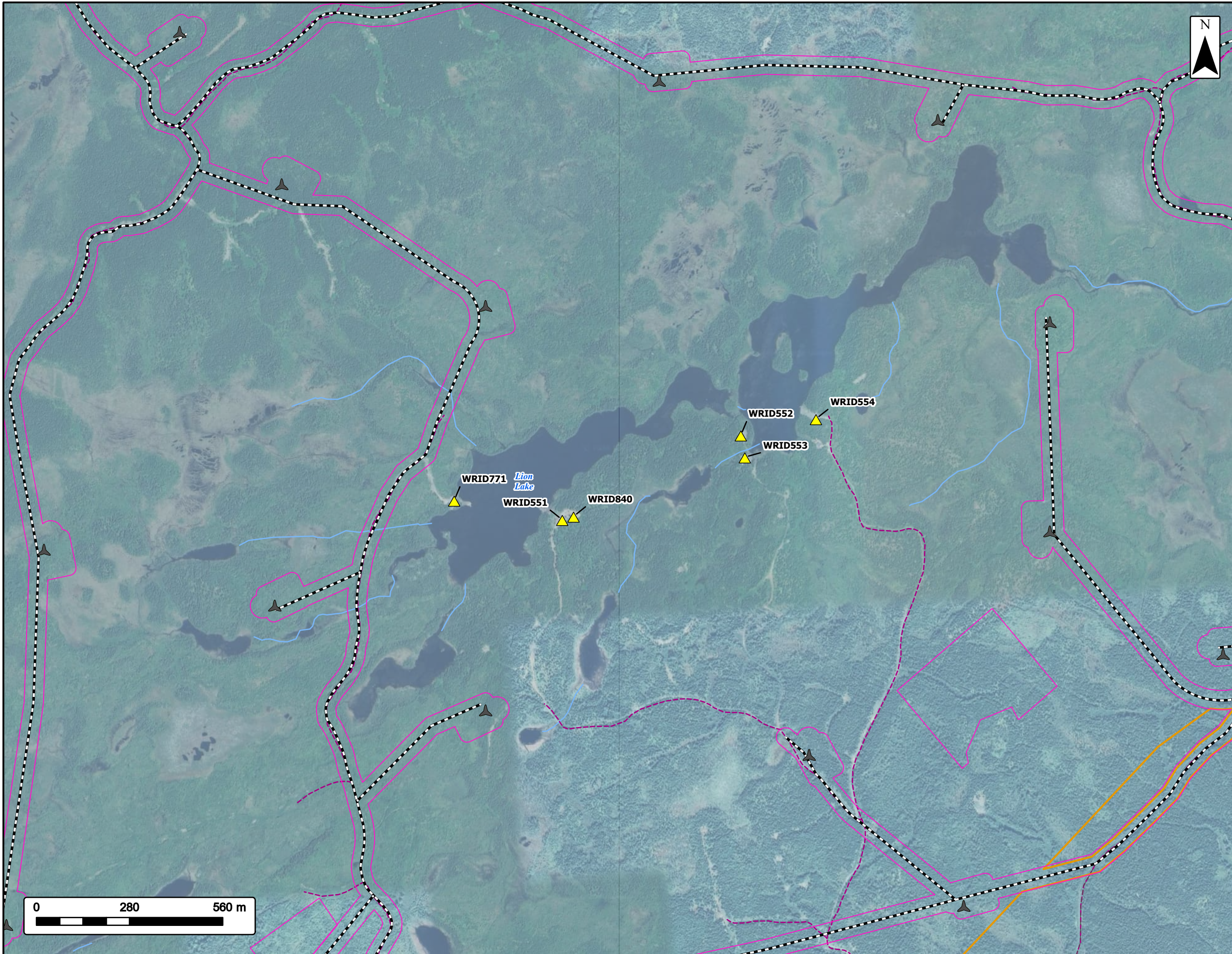
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Botwood Wind Project Area	
Project Footprint	
<b>Project Infrastructure</b>	
Turbine	
Project Road	
<b>Remote Receptors</b>	
Crown Title - No Exposure	
Crown Title - Some Exposure Within Guidelines	
Crown Title - Exposure Exceeding Guidelines	
<b>Transportation</b>	
Unpaved Road	
Resource Road	
<b>Water Features</b>	
Mapped Watercourses	



Coordinate System: NAD 1983 CSRS UTM Zone 21N  
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Date: 2026-03-29	Project #: 24-10265
Scale: 1:11,000	Drawing #: <b>6.5-3X</b>
Drawn By: B. Spencer	
Checked By: L. Pominville	








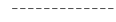




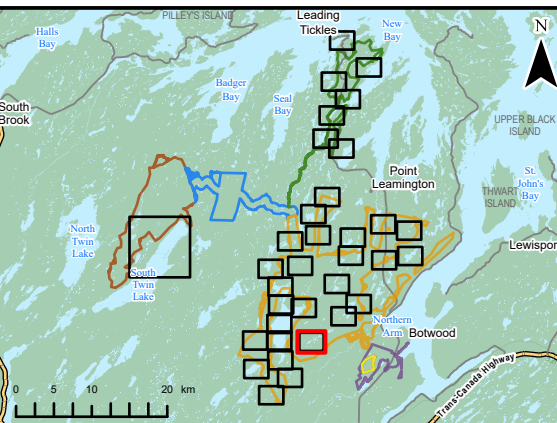
## EVREC Green Energy Hub

*Botwood Wind Project Area*  
Shadow Flicker Hours Per Year - Realistic Case Scenario




**EVREC**

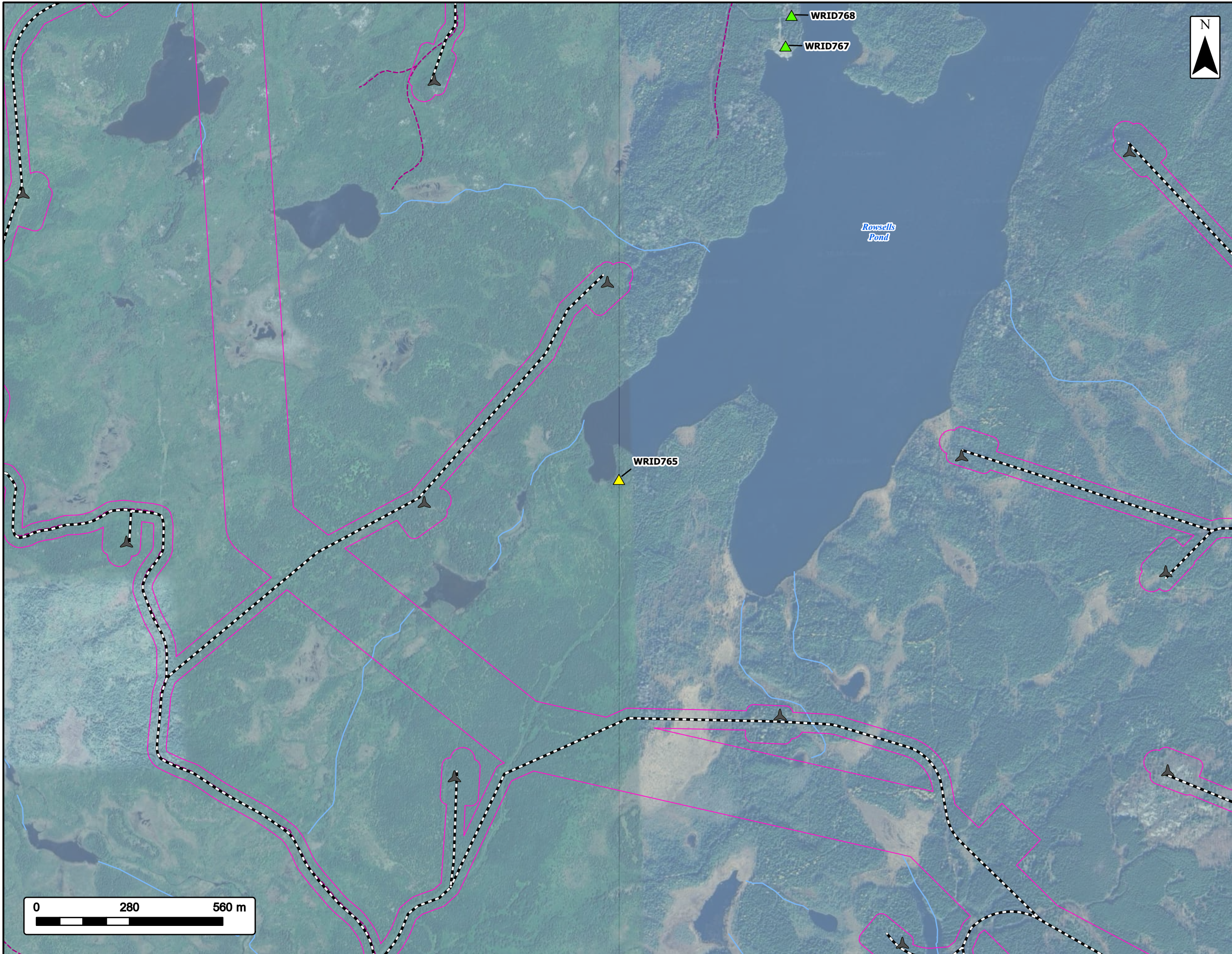
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Project Footprint	
<b>Project Infrastructure</b>	
Turbine	
Project Road	
<b>Remote Receptors</b>	
Crown Title - Exposure Exceeding Guidelines	
<b>Transportation</b>	
Unpaved Road	
Resource Road	
<b>Water Features</b>	
Mapped Watercourses	



**Coordinate System:** NAD 1983 CSRS UTM Zone 21N  
**Sources:** © OpenStreetMap (and) contributors, CC-BY-SA, GeoNOVA, SNSIS, NSNRR, ACCDC, IBA Canada, CNWI, HERE, Garmin, USGS

Date: 2026-03-29	Project #: 24-10265
Scale: 1:11,000	Drawing #:
Drawn By: B. Spencer	6.5-3Y
Checked By: L. Pominville	



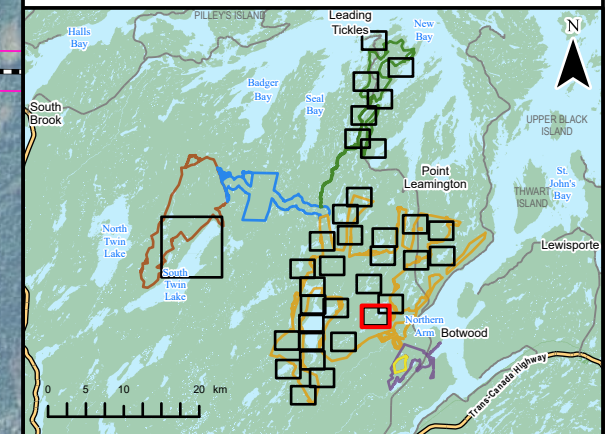


# EVREC Green Energy Hub

Botwood Wind Project Area  
Shadow Flicker Hours Per Year - Realistic Case Scenario



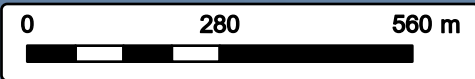
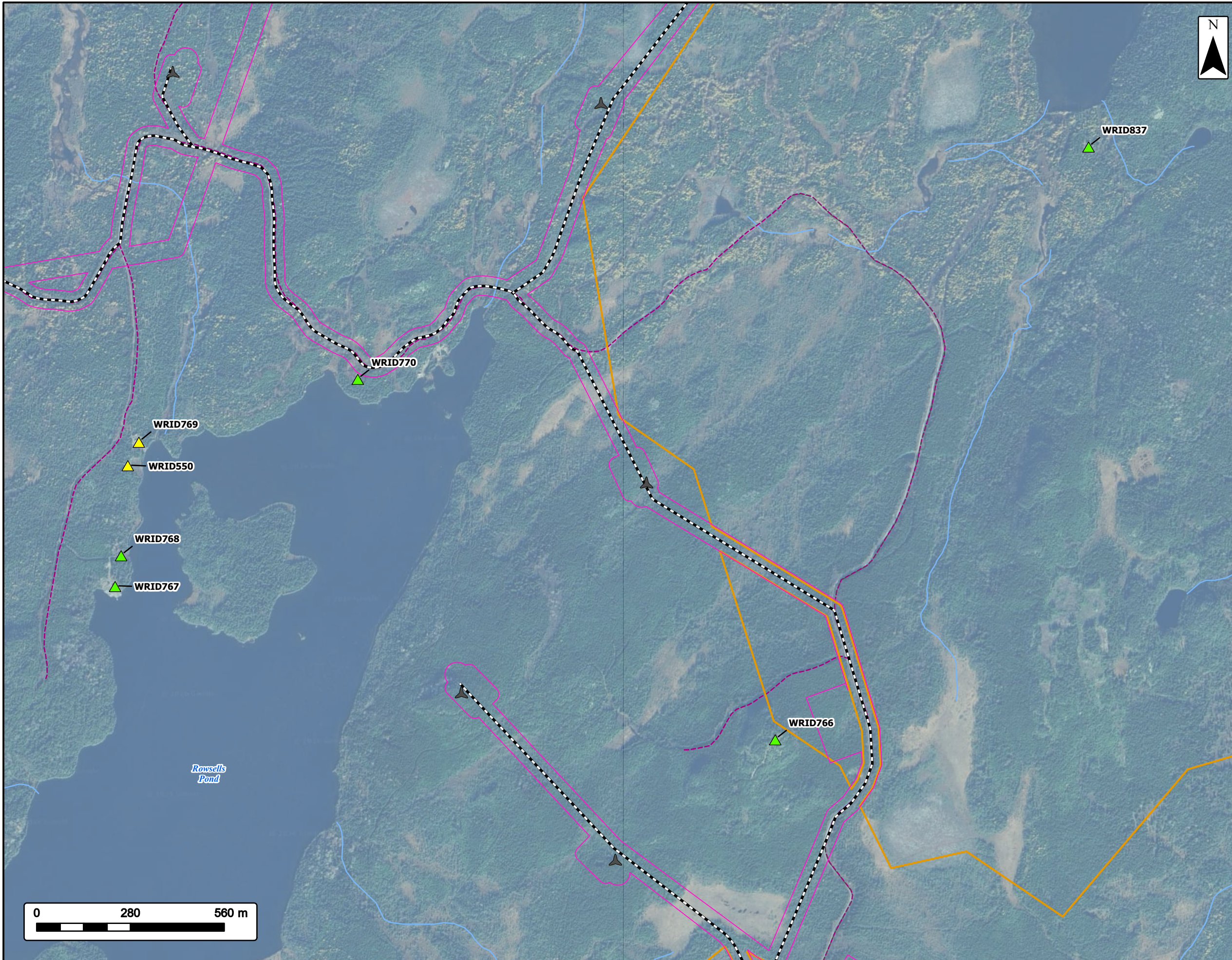
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Botwood Wind Project Area	
Project Footprint	
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Turbine	
Project Road	
<b>Remote Receptors</b>	
Crown Title - Some Exposure Within Guidelines	
Crown Title - Exposure Exceeding Guidelines	
<b>Transportation</b>	
Resource Road	
<b>Water Features</b>	
Mapped Watercourses	



Coordinate System: NAD 1983 CSRS UTM Zone 21N  
Sources: © OpenStreetMap (and) contributors, CC-BY-SA, GeoNOVA, SNSIS, NSNRR, ACCDC, IBA Canada, CNWI, HERE, Garmin, USGS

Date:	2026-03-29	Project #:	24-10265
Scale:	1:11,000	Drawing #:	<b>6.5-3Z</b>
Drawn By:	B. Spencer	Checked By:	

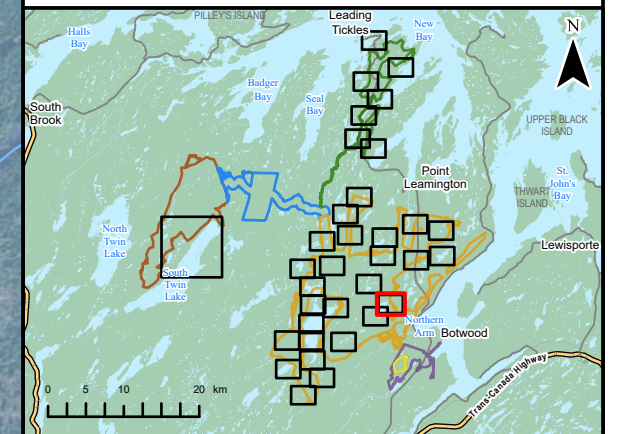




**EVREC Green Energy Hub**  
 Botwood Wind Project Area  
 Shadow Flicker Hours Per Year - Realistic Case Scenario



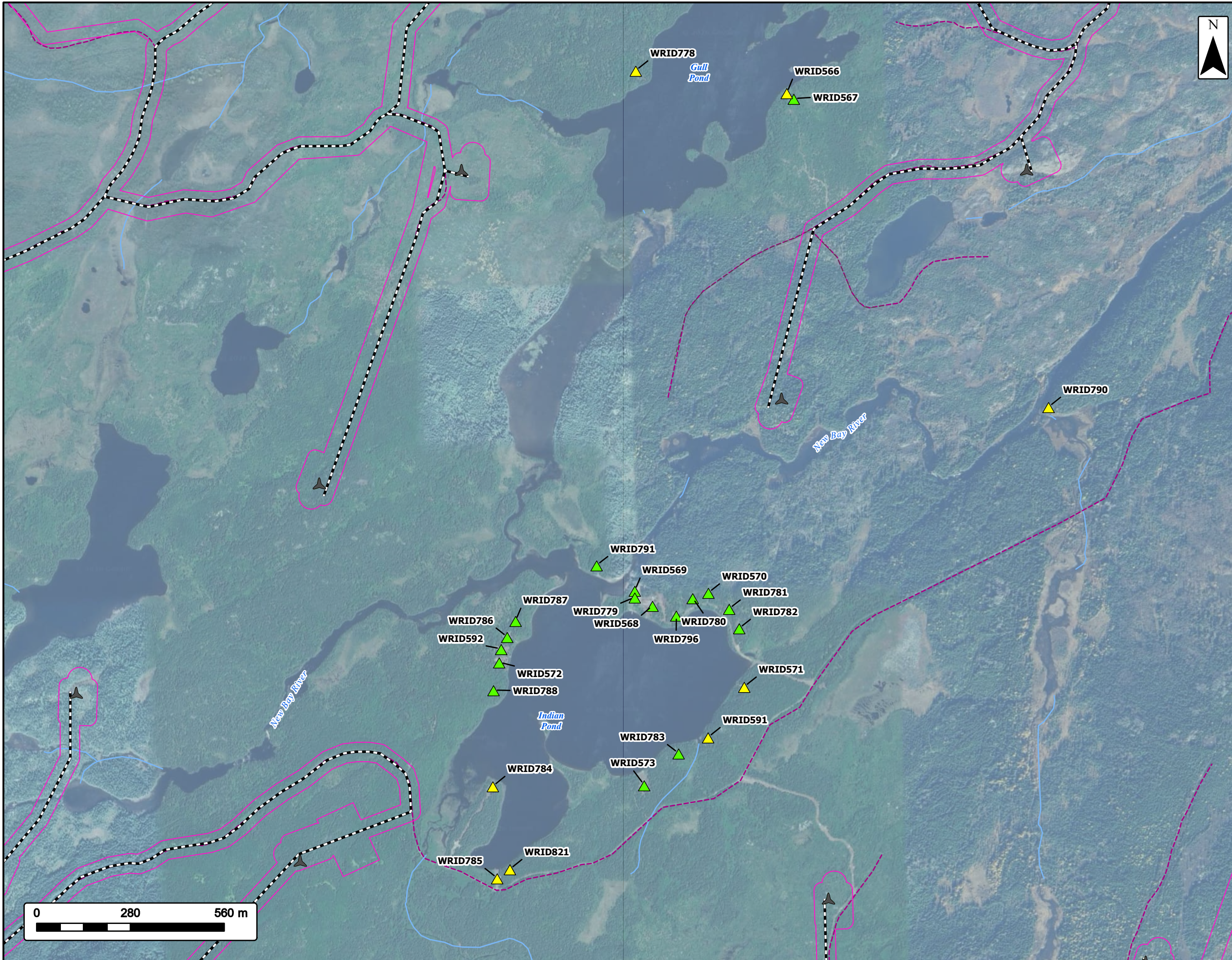
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Project Footprint	
<b>Project Infrastructure</b>	
Turbine	
Project Road	
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Crown Title - Some Exposure Within Guidelines	
Crown Title - Exposure Exceeding Guidelines	
<b>Transportation</b>	
Unpaved Road	
Resource Road	
<b>Water Features</b>	
Mapped Watercourses	



Coordinate System: NAD 1983 CSRS UTM Zone 21N  
 Sources: © OpenStreetMap (and) contributors, CC-BY-SA, GeoNOVA, SNSIS, NSNRR, ACCDC, IBA Canada, CNWI, HERE, Garmin, USGS

Date: 2026-03-29	Project #: 24-10265
Scale: 1:11,000	Drawing #: <b>6.5-3AA</b>
Drawn By: B. Spencer	
Checked By: L. Pominville	

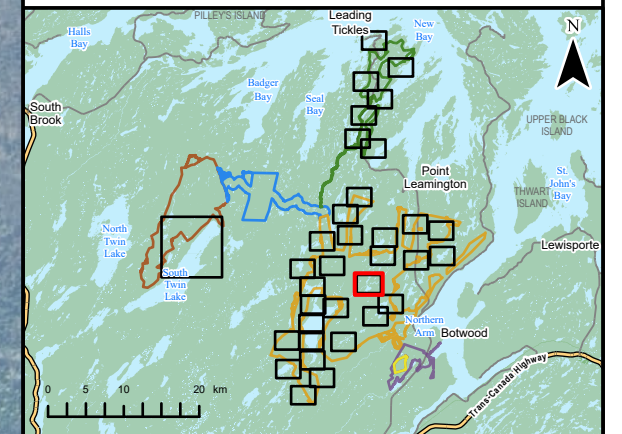




**EVREC Green Energy Hub**  
 Botwood Wind Project Area  
 Shadow Flicker Hours Per Year - Realistic Case Scenario



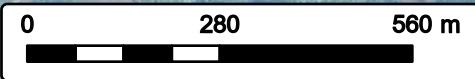
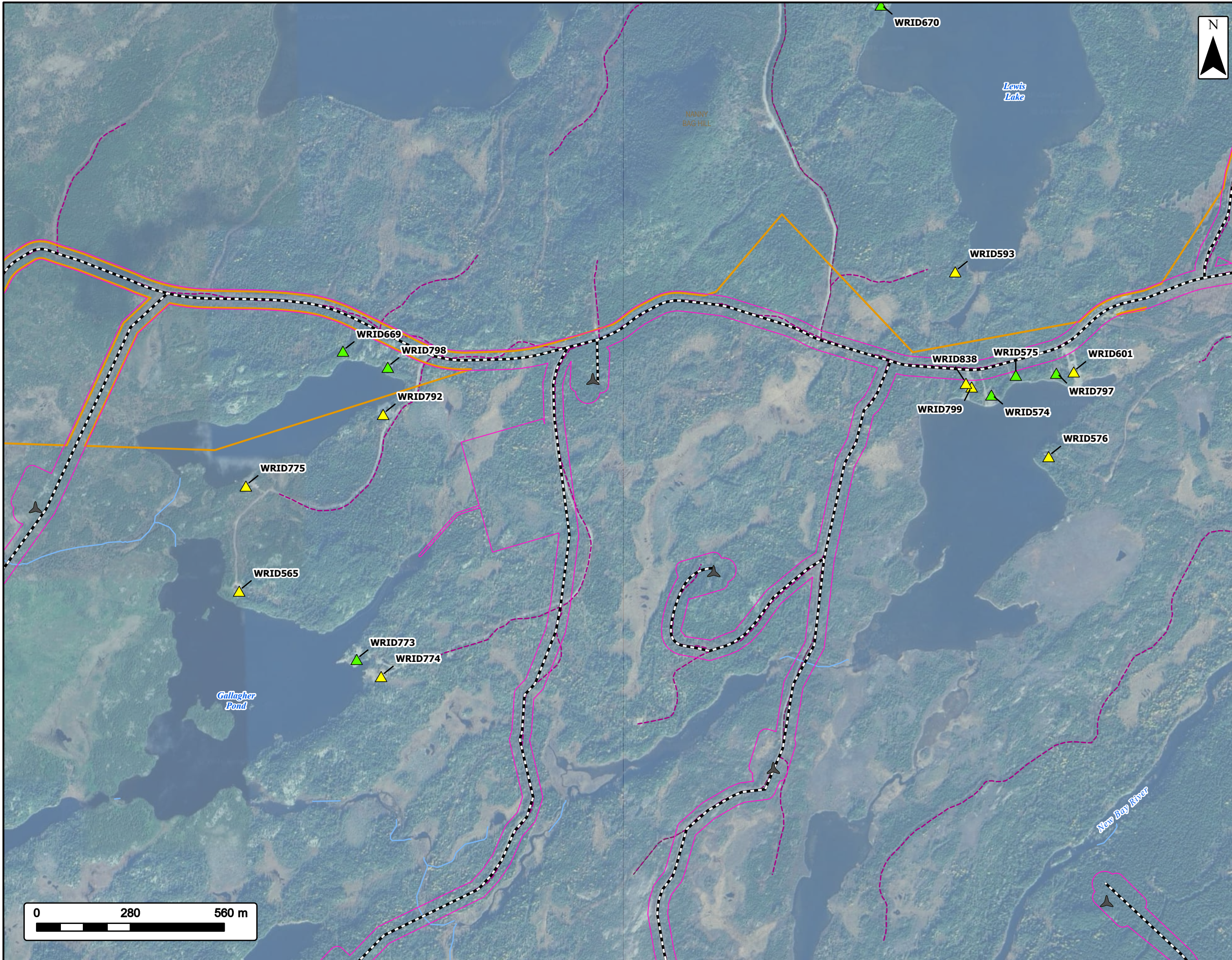
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Project Footprint	
<b>Project Infrastructure</b>	
Turbine	
Project Road	
<b>Remote Receptors</b>	
Crown Title - Some Exposure Within Guidelines	
Crown Title - Exposure Exceeding Guidelines	
<b>Transportation</b>	
Unpaved Road	
Resource Road	
<b>Water Features</b>	
Mapped Watercourses	



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Date:	2026-03-29	Project #:	24-10265
Scale:	1:11,000	Drawing #:	<b>6.5-3AB</b>
Drawn By:	B. Spencer		
Checked By:	L. Pominville		



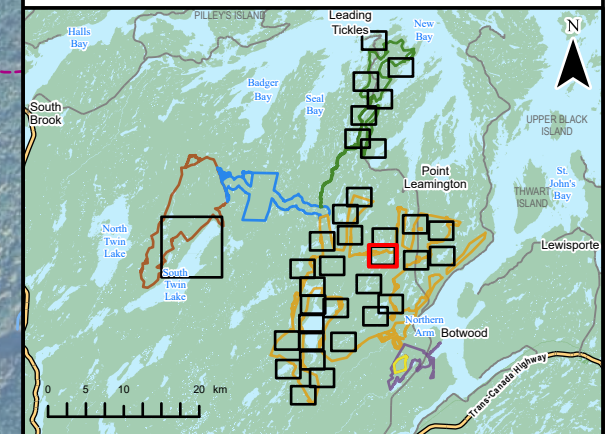


# EVREC Green Energy Hub

Botwood Wind Project Area  
Shadow Flicker Hours Per Year - Realistic Case Scenario



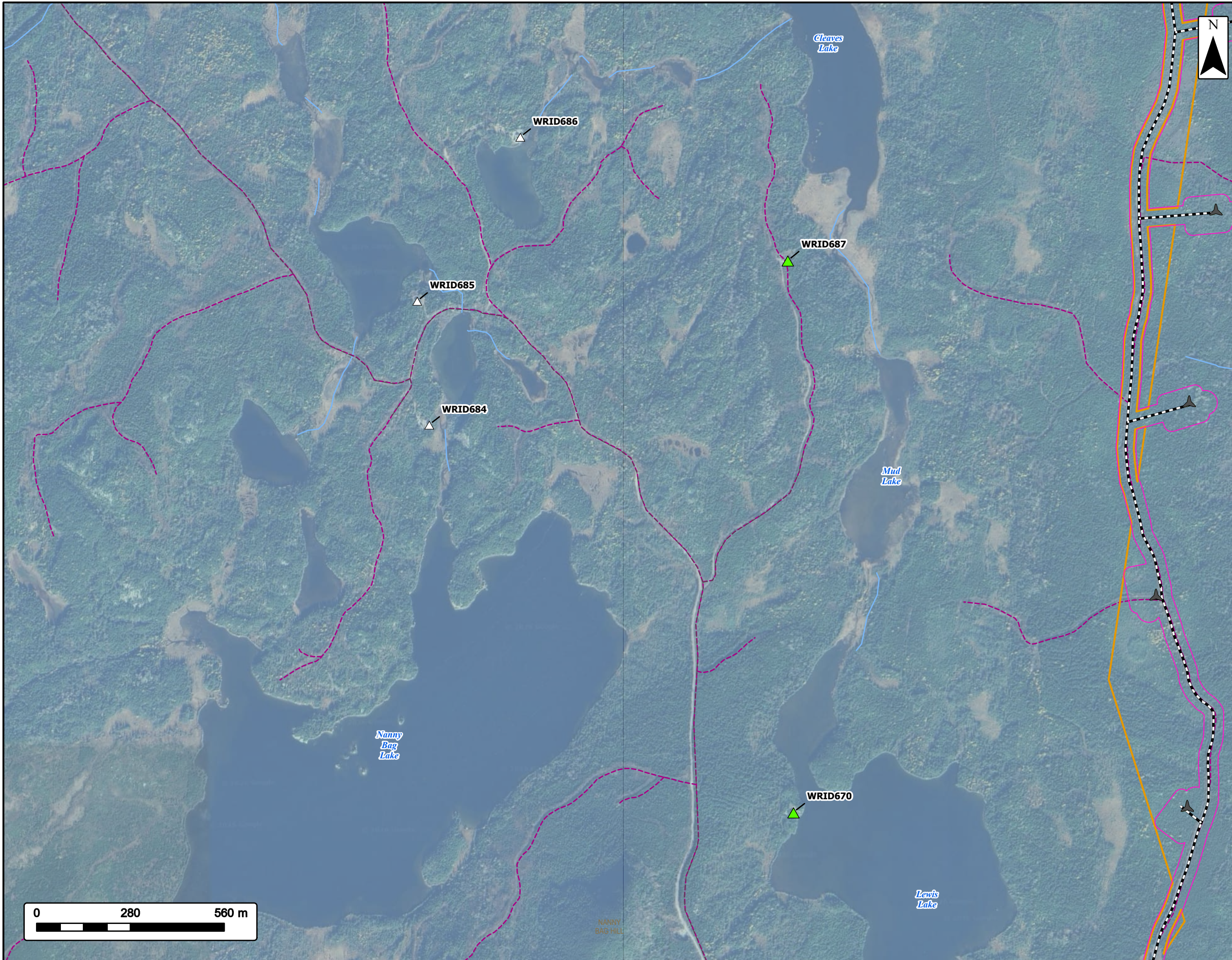
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Project Footprint	
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Turbine	
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Crown Title - Some Exposure Within Guidelines	
Crown Title - Exposure Exceeding Guidelines	
<b>Transportation</b>	
Road	
Unpaved Road	
Resource Road	
<b>Water Features</b>	
Mapped Watercourses	



Coordinate System: NAD 1983 CSRS UTM Zone 21N  
Sources: © OpenStreetMap (and) contributors, CC-BY-SA, GeoNOVA, SNSIS, NSNRR, ACCDC, IBA Canada, CNWI, HERE, Garmin, USGS

Date:	2026-03-29	Project #:	24-10265
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Drawn By:	B. Spencer		
Checked By:	L. Pominville		

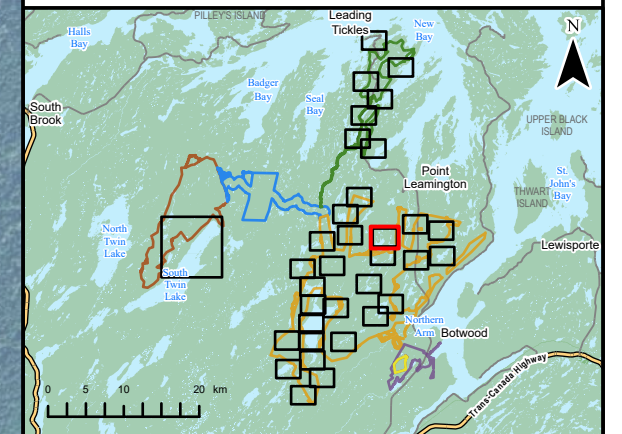




**EVREC Green Energy Hub**  
 Botwood Wind Project Area  
 Shadow Flicker Hours Per Year - Realistic Case Scenario

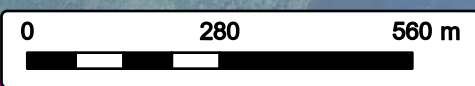


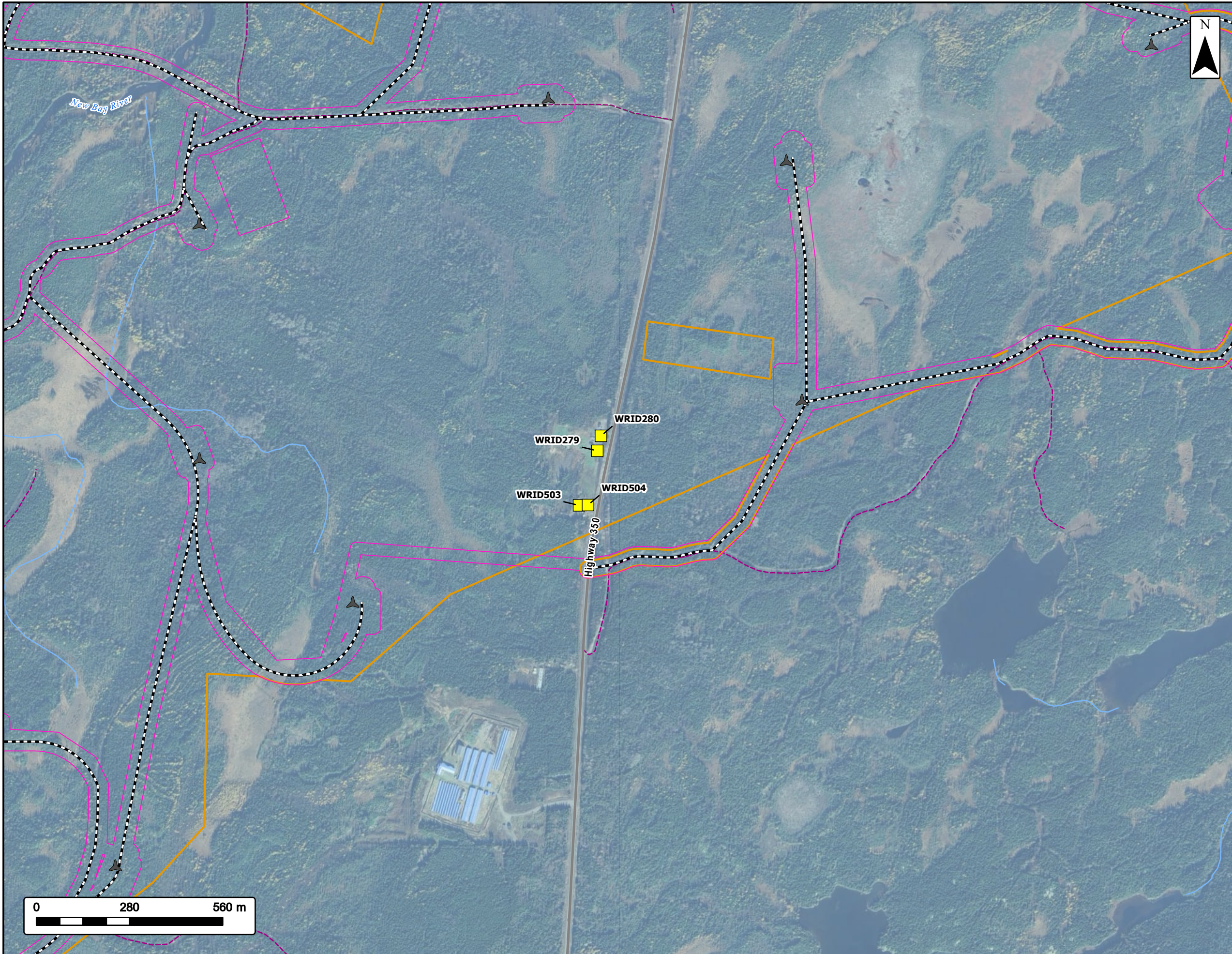
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Project Footprint	
<b>Project Infrastructure</b>	
Turbine	
Project Road	
<b>Remote Receptors</b>	
Crown Title - No Exposure	
Crown Title - Some Exposure Within Guidelines	
<b>Transportation</b>	
Road	
Unpaved Road	
Resource Road	
<b>Water Features</b>	
Mapped Watercourses	



Coordinate System: NAD 1983 CSRS UTM Zone 21N  
 Sources: © OpenStreetMap (and) contributors, CC-BY-SA, GeoNOVA, SNSIS, NSNRR, ACCDC, IBA Canada, CNWI, HERE, Garmin, USGS

Date:	2026-03-29	Project #:	24-10265
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Drawn By:	B. Spencer		
Checked By:	L. Pominville		



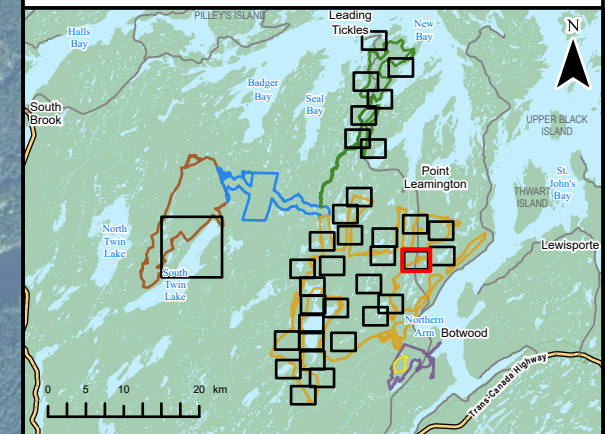


# EVREC Green Energy Hub

Botwood Wind Project Area  
Shadow Flicker Hours Per Year - Realistic Case Scenario



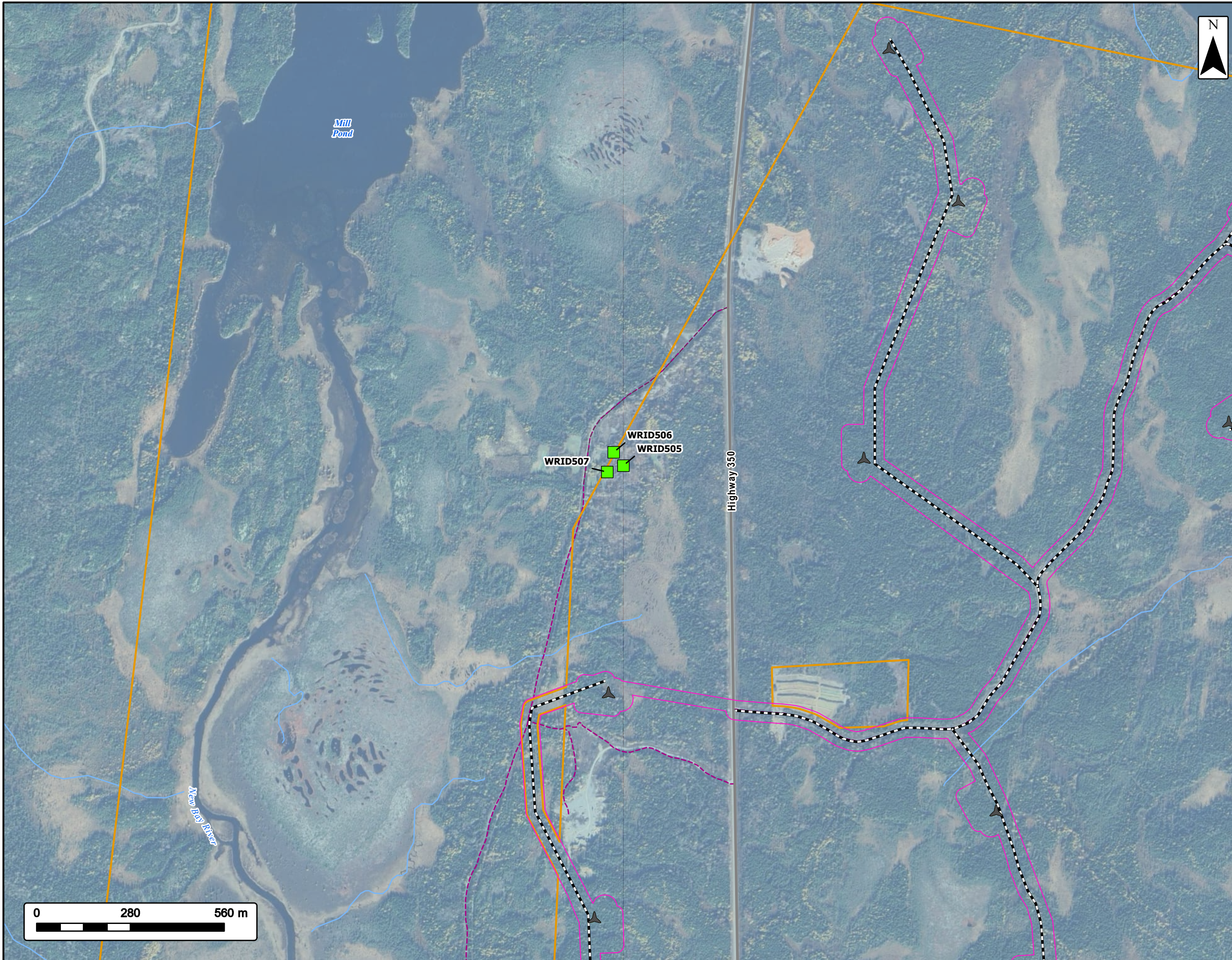
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Project Footprint	
<b>Project Infrastructure</b>	
Turbine	
Project Road	
<b>Residential Receptors</b>	
Exposure Exceeding Guidelines	
<b>Transportation</b>	
Highway	
Road	
Unpaved Road	
Resource Road	
<b>Water Features</b>	
Mapped Watercourses	



Coordinate System: NAD 1983 CSRS UTM Zone 21N  
Sources: © OpenStreetMap (and) contributors, CC-BY-SA, GeoNOVA, SNSIS, NSNRR, ACCDC, IBA Canada, CNWI, HERE, Garmin, USGS

Date:	2026-03-29	Project #:	24-10265
Scale:	1:11,000	Drawing #:	<b>6.5-3AE</b>
Drawn By:	B. Spencer		
Checked By:	L. Pominville		



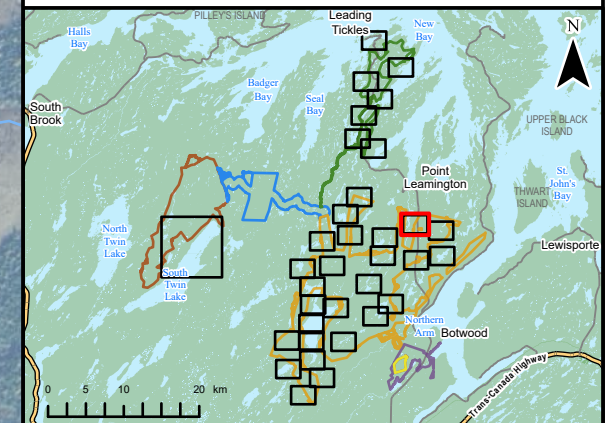


# EVREC Green Energy Hub

Botwood Wind Project Area  
Shadow Flicker Hours Per Year - Realistic Case Scenario



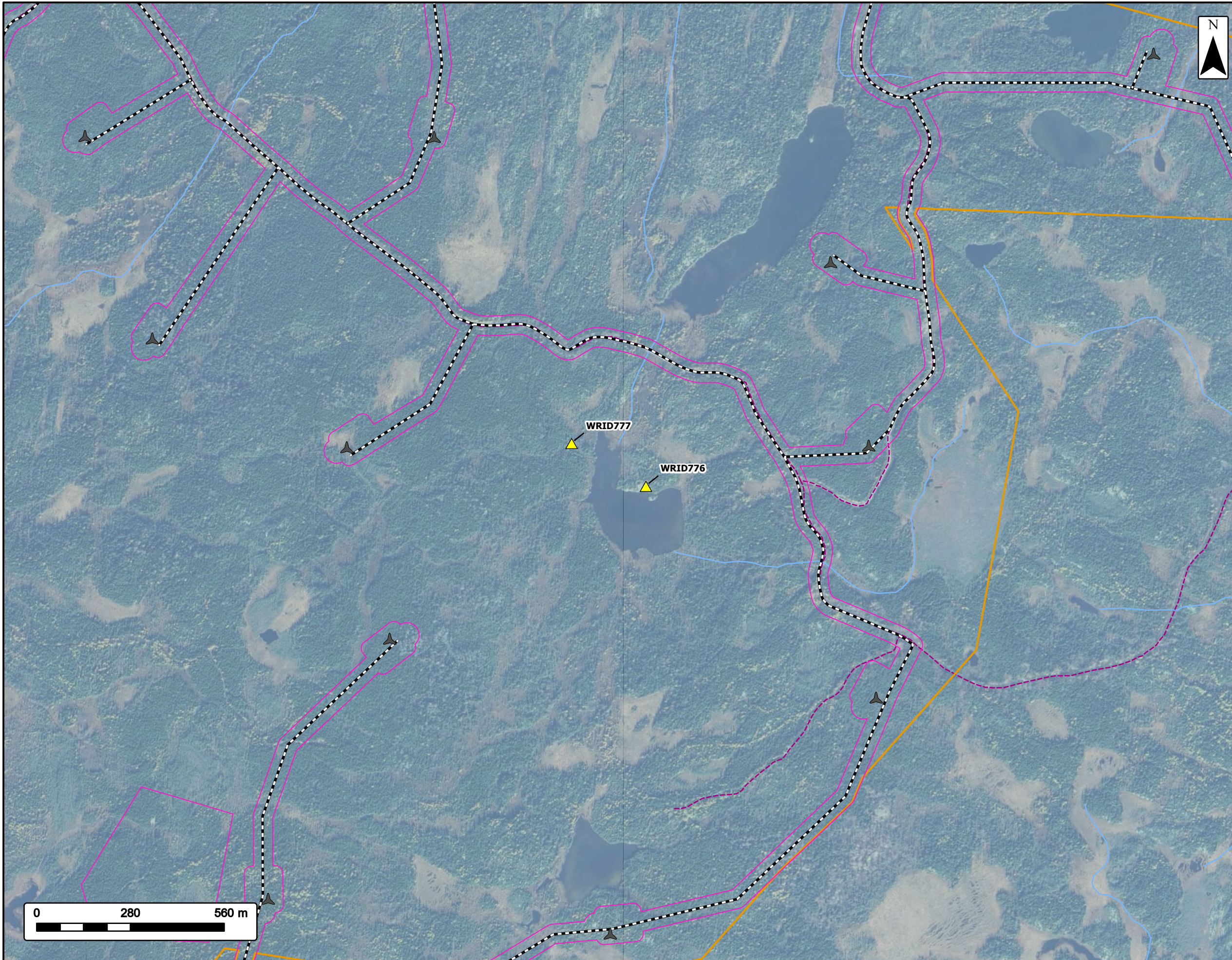
<b>Project Area</b>	
Botwood Wind Project Area	
Project Footprint	
<b>Project Infrastructure</b>	
Turbine	
Project Road	
<b>Residential Receptors</b>	
Some Exposure Within Guidelines	
<b>Transportation</b>	
Highway	
Unpaved Road	
Resource Road	
<b>Water Features</b>	
Mapped Watercourses	



Coordinate System: NAD 1983 CSRS UTM Zone 21N  
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Date:	2026-03-29	Project #:	24-10265
Scale:	1:11,000	Drawing #:	<b>6.5-3AF</b>
Drawn By:	B. Spencer		
Checked By:	L. Pominville		





# EVREC Green Energy Hub

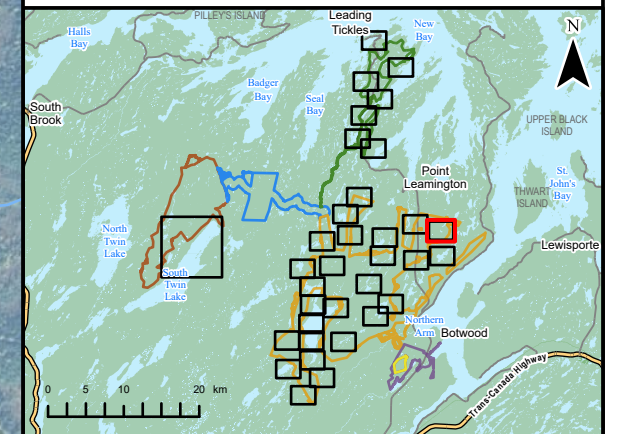
Botwood Wind Project Area  
Shadow Flicker Hours Per Year - Realistic Case Scenario



<b>Project Area</b>	
Botwood Wind Project Area	
Project Footprint	
<b>Project Infrastructure</b>	
Turbine	
Project Road	
<b>Remote Receptors</b>	
Crown Title - Exposure Exceeding Guidelines	
<b>Transportation</b>	
Unpaved Road	
Resource Road	
<b>Water Features</b>	
Mapped Watercourses	

WRID777

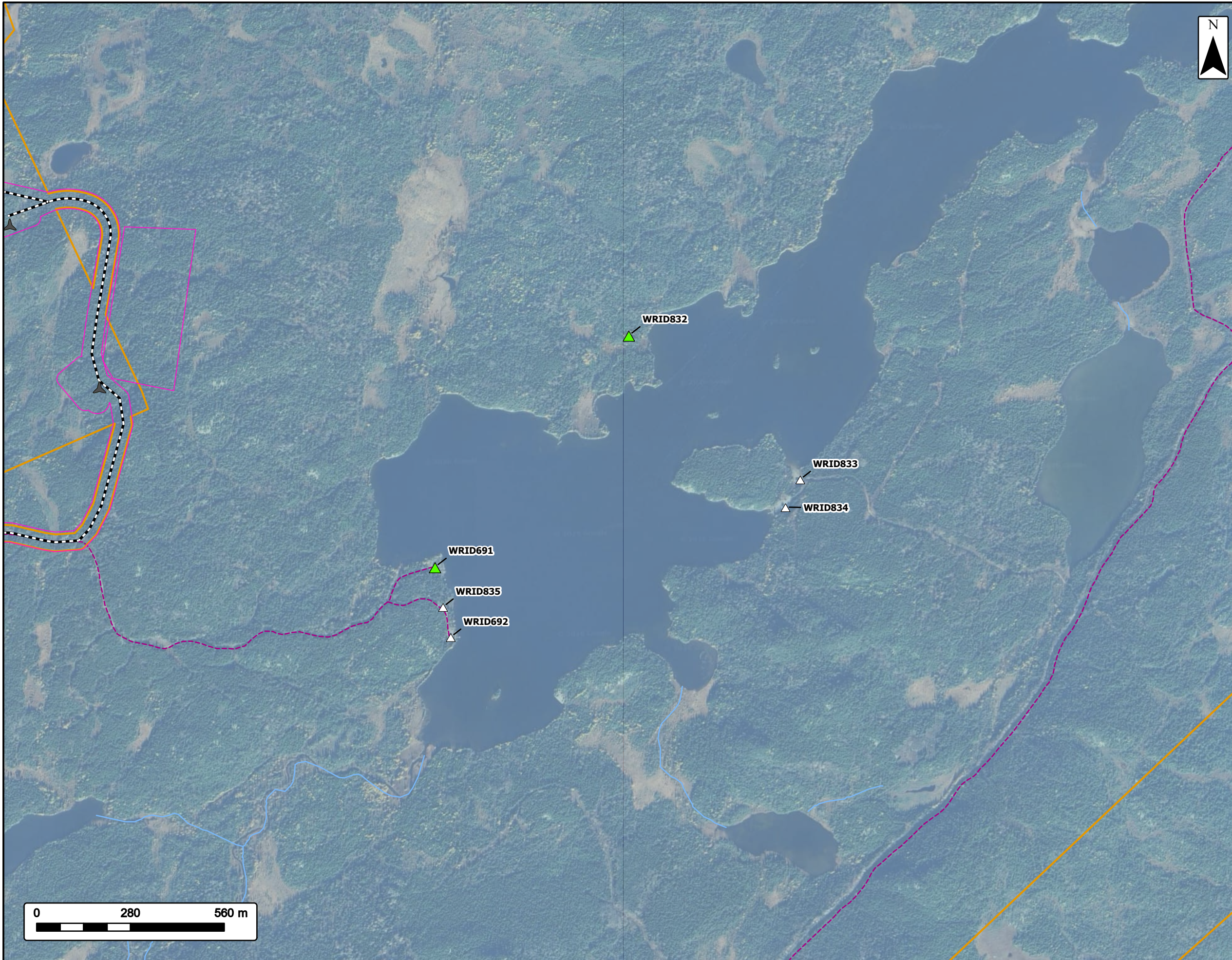
WRID776



Coordinate System: NAD 1983 CSRS UTM Zone 21N  
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Date:	2026-03-29	Project #:	24-10265
Scale:	1:11,000	Drawing #:	<b>6.5-3AG</b>
Drawn By:	B. Spencer		
Checked By:	L. Pominville		



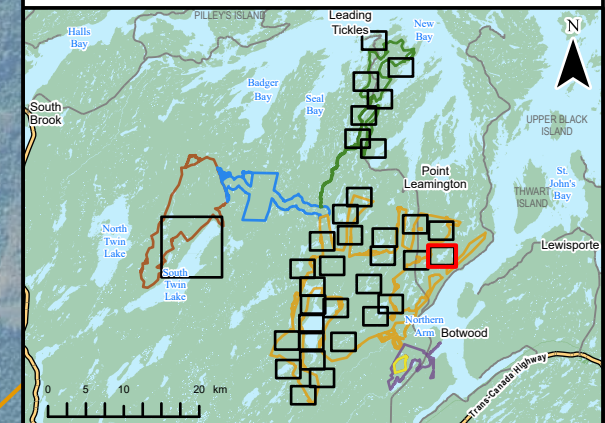


# EVREC Green Energy Hub

Botwood Wind Project Area  
Shadow Flicker Hours Per Year - Realistic Case Scenario



<b>Project Area</b>	
Botwood Wind Project Area	
Project Footprint	
<b>Project Infrastructure</b>	
Turbine	
Project Road	
<b>Remote Receptors</b>	
Crown Title - No Exposure	
Crown Title - Some Exposure Within Guidelines	
<b>Transportation</b>	
Resource Road	
<b>Water Features</b>	
Mapped Watercourses	



Coordinate System: NAD 1983 CSRS UTM Zone 21N  
Sources: © OpenStreetMap (and) contributors, CC-BY-SA, GeoNOVA, SNSIS, NSNRR, ACCDC, IBA Canada, CNWI, HERE, Garmin, USGS

Date:	2026-03-29	Project #:	24-10265
Scale:	1:11,000	Drawing #:	<b>6.5-3AH</b>
Drawn By:	B. Spencer		
Checked By:	L. Pominville		

