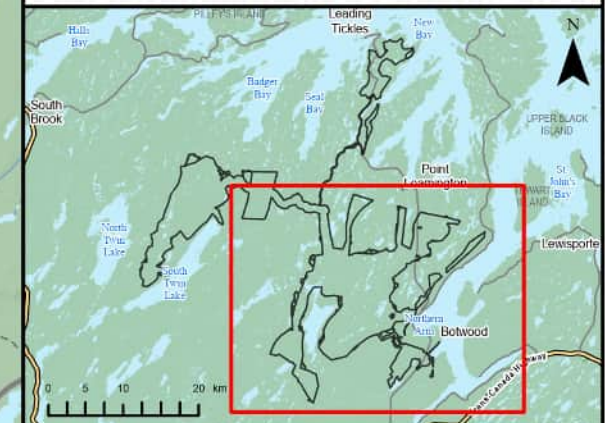


EVREC Green Energy Hub

Botwood Wind Project Area
Bat Habitat & Project Footprint



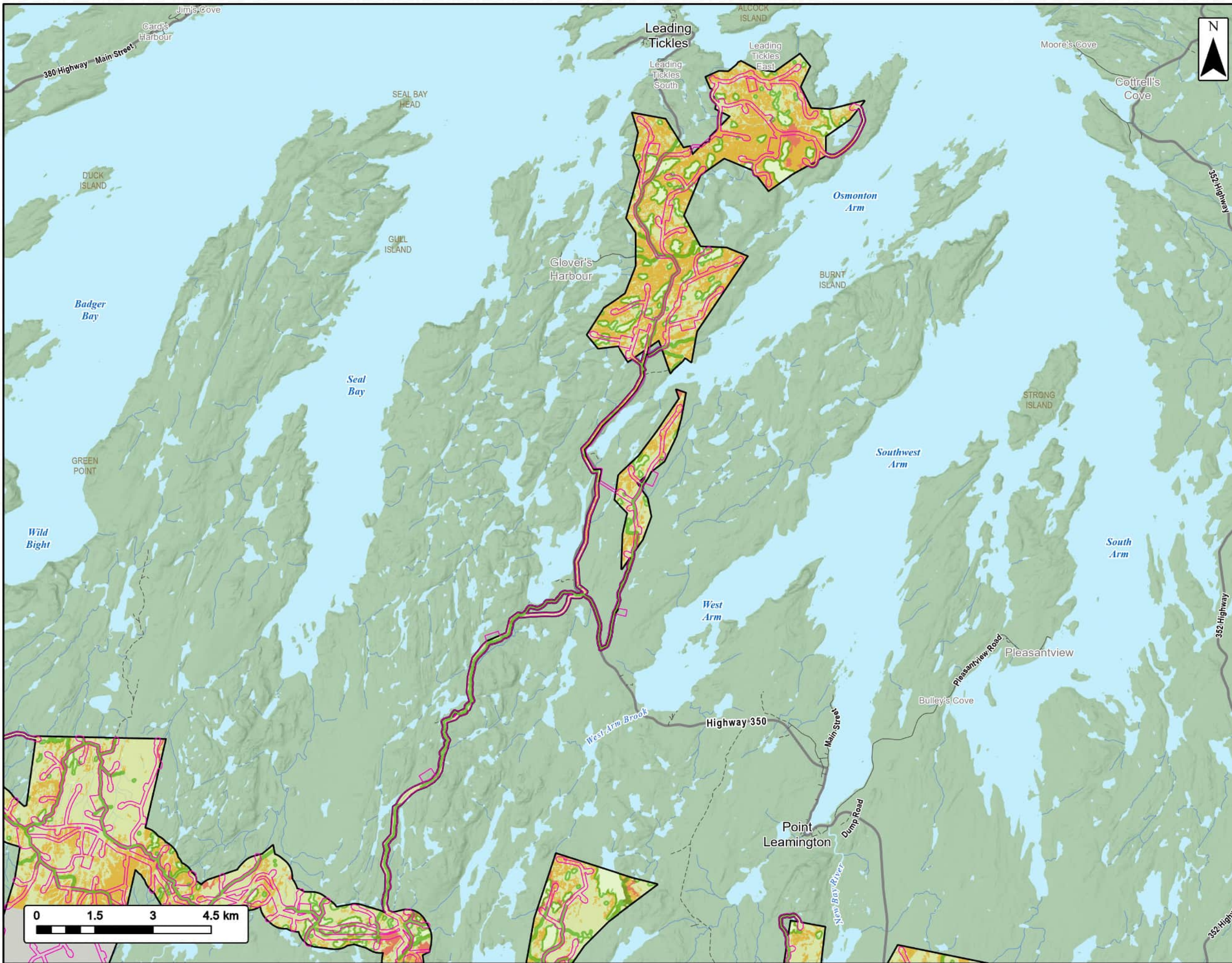
Project Area	
Project Footprint	
Suitable Foraging Habitat	
Suitable Roosting Habitat - Does Not Contain Trembling Aspen	
Suitable Roosting Habitat - Contains Trembling Aspen	
Low Potential Bat Habitat	
No Data	
Transportation	
Trans-Canada Highway	
Highway	
Road	
Unpaved Road	
Water Features	
Mapped Watercourses	
Mapped Waterbodies	



Coordinate System: NAD 1983 CSRS UTM Zone 21N
Sources: Esri, NASA, NGA, USGS, GechiOVA, SHSIS, NSIR, ACCDC, IBA Canada, CNWI, HERE, Garmin, USGS

Date:	2026-03-30	Project #:	24-10265
Scale:	1:115,000	Drawing #:	6.12-1A
Drawn By:	M. Partridge		
Checked By:	L. Riehl		





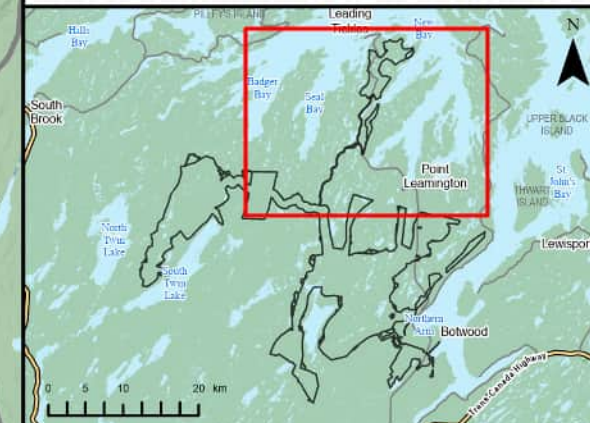
EVREC Green Energy Hub

Leading Tickle Wind Project Area
Bat Habitat & Project Footprint



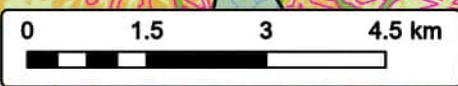
EVREC

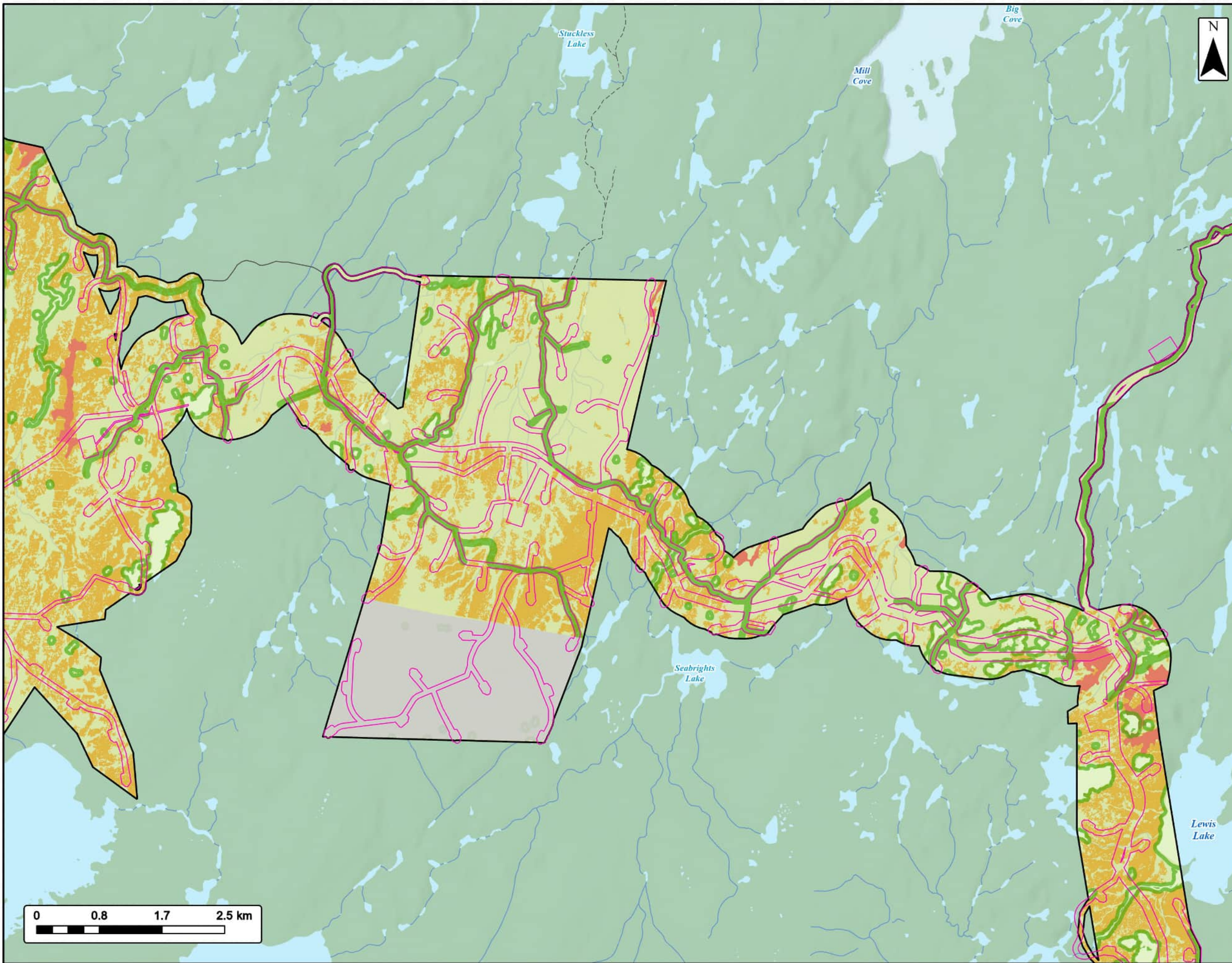
Project Area	
Project Footprint	
Suitable Foraging Habitat	
Suitable Roosting Habitat - Does Not Contain Trembling Aspen	
Suitable Roosting Habitat - Contains Trembling Aspen	
Low Potential Bat Habitat	
No Data	
Transportation	
Highway	
Road	
Unpaved Road	
Water Features	
Mapped Watercourses	
Mapped Waterbodies	



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

Date:	2026-03-30	Project #:	24-10265
Scale:	1:95,000	Drawing #:	6.12-1B
Drawn By:	M. Partridge		
Checked By:	L. Riehl		





EVREC Green Energy Hub

Seabrights Lake Wind Project Area
Bat Habitat & Project Footprint



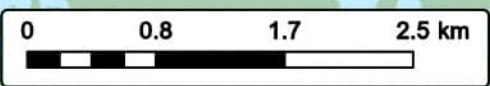
EVREC

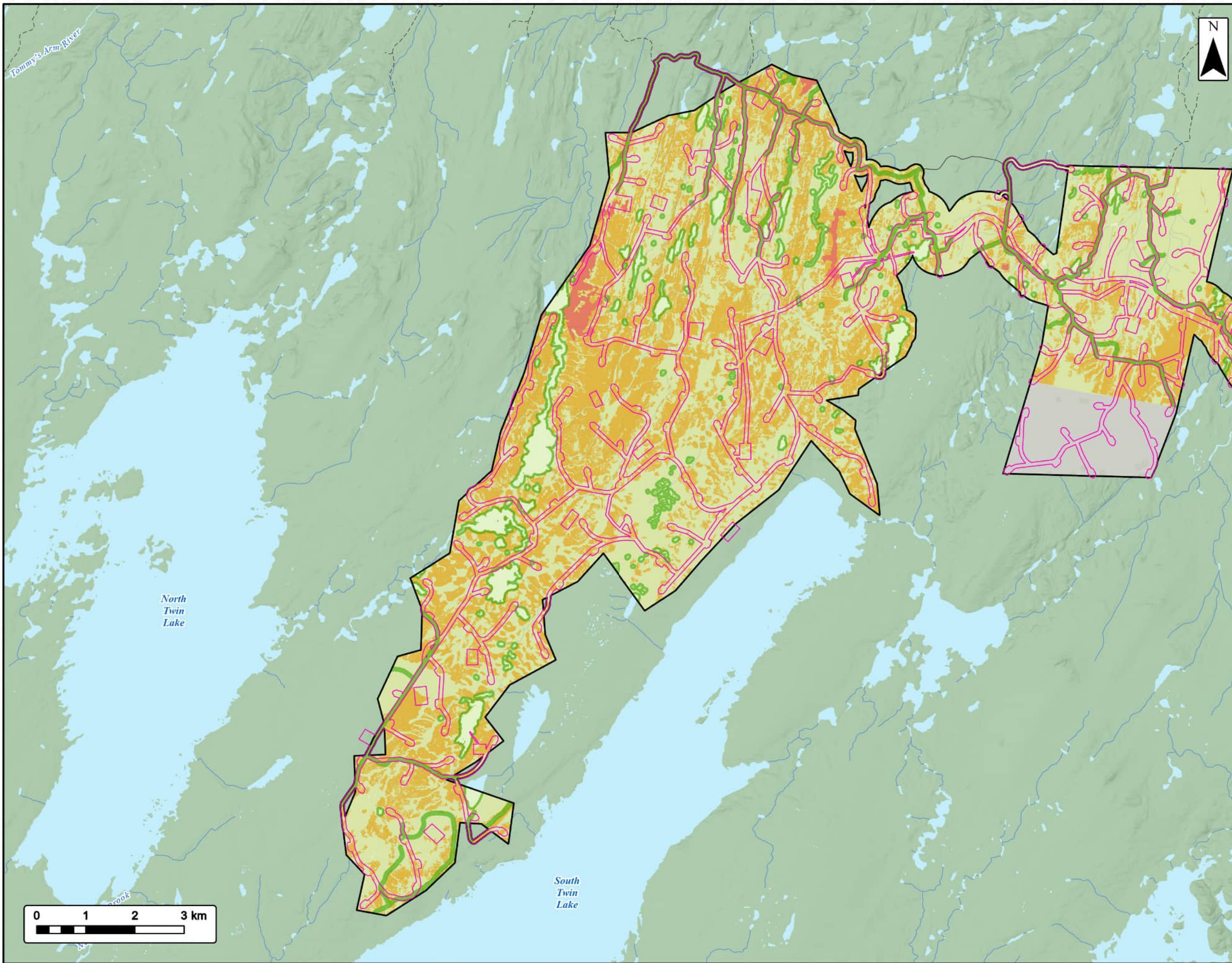
Project Area	
Project Footprint	
Suitable Foraging Habitat	
Suitable Roosting Habitat - Does Not Contain Trembling Aspen	
Suitable Roosting Habitat - Contains Trembling Aspen	
Low Potential Bat Habitat	
No Data	
Transportation	
Road	
Unpaved Road	
Water Features	
Mapped Watercourses	
Mapped Waterbodies	



Coordinate System: NAD 1983 CSRS UTM Zone 21N
Sources: Esri, NASA, NGA, USGS, GechiOVA, SHSIS, NSIR, ACCDC, IBA Canada, CNWI, HERE, Garmin, USGS

Date:	2026-03-30	Project #:	24-10265
Scale:	1:50,000	Drawing #:	6.12-1C
Drawn By:	M. Partridge		
Checked By:	L. Riehl		





EVREC Green Energy Hub

Twin Lakes Wind Project Area
Bat Habitat & Project Footprint



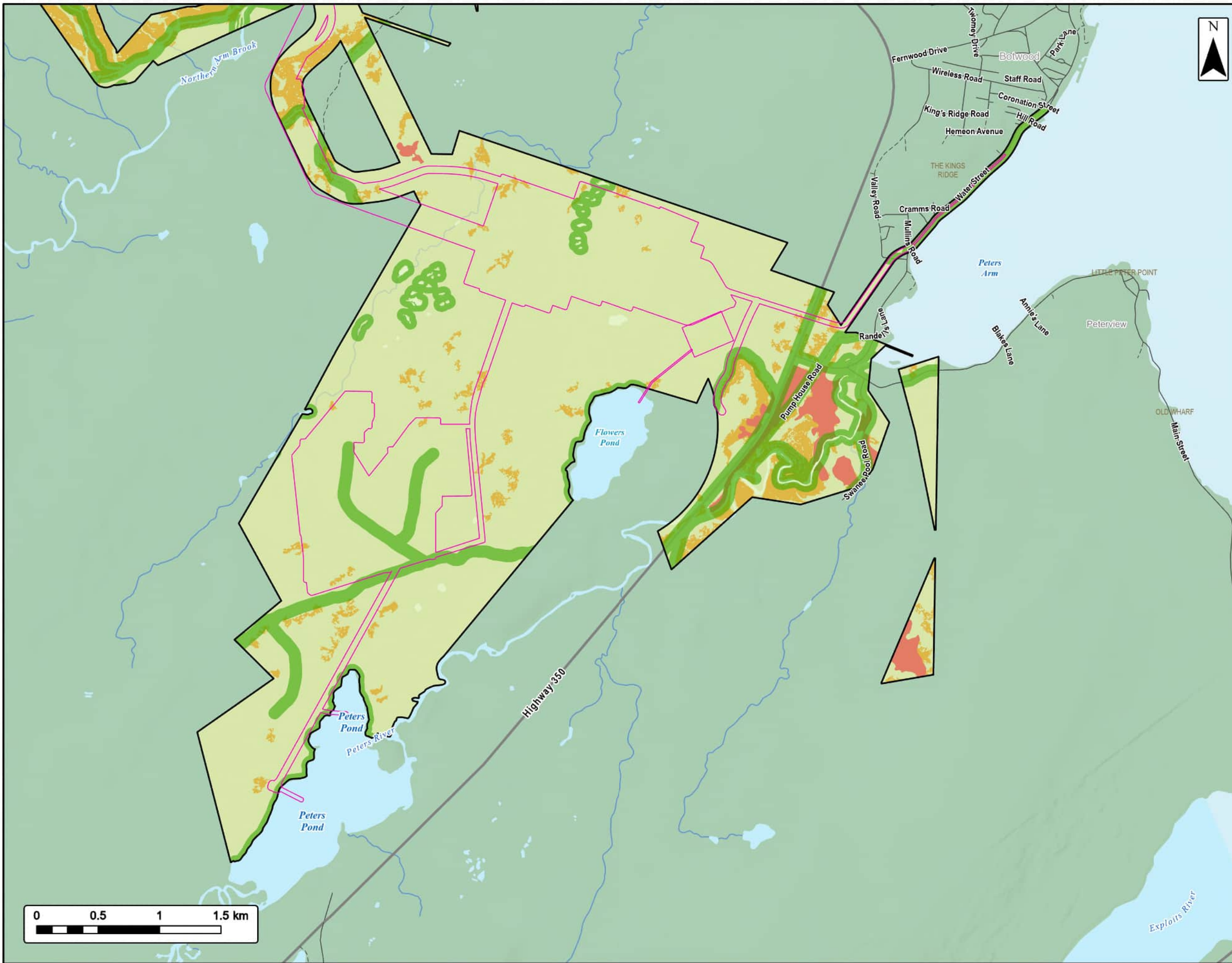
Project Area	
Project Footprint	
Suitable Foraging Habitat	
Suitable Roosting Habitat - Does Not Contain Trembling Aspen	
Suitable Roosting Habitat - Contains Trembling Aspen	
Low Potential Bat Habitat	
No Data	
Transportation	
Road	
Unpaved Road	
Water Features	
Mapped Watercourses	
Mapped Waterbodies	



Coordinate System: NAD 1983 CSRS UTM Zone 21N
Sources: Esri, NASA, NGA, USGS, GechiOVA, SHSIS, NSIRRR, ACCDC, IBA Canada, CNWI, HERE, Garmin, USGS

Date:	2026-03-30	Project #:	24-10265
Scale:	1:75,000	Drawing #:	6.12-1D
Drawn By:	M. Partridge		
Checked By:	L. Riehl		



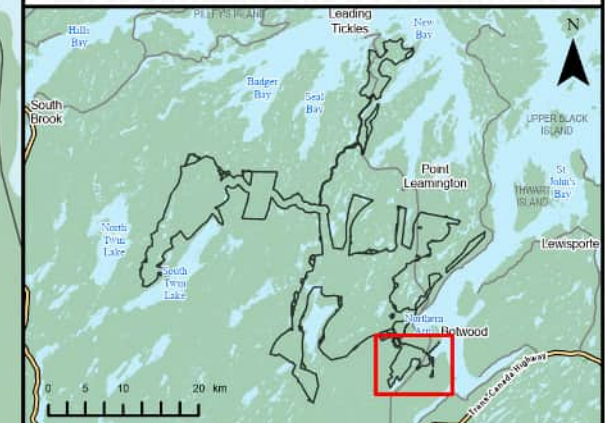


EVREC Green Energy Hub

Industrial Facility & Solar Project Area
Bat Habitat & Project Footprint



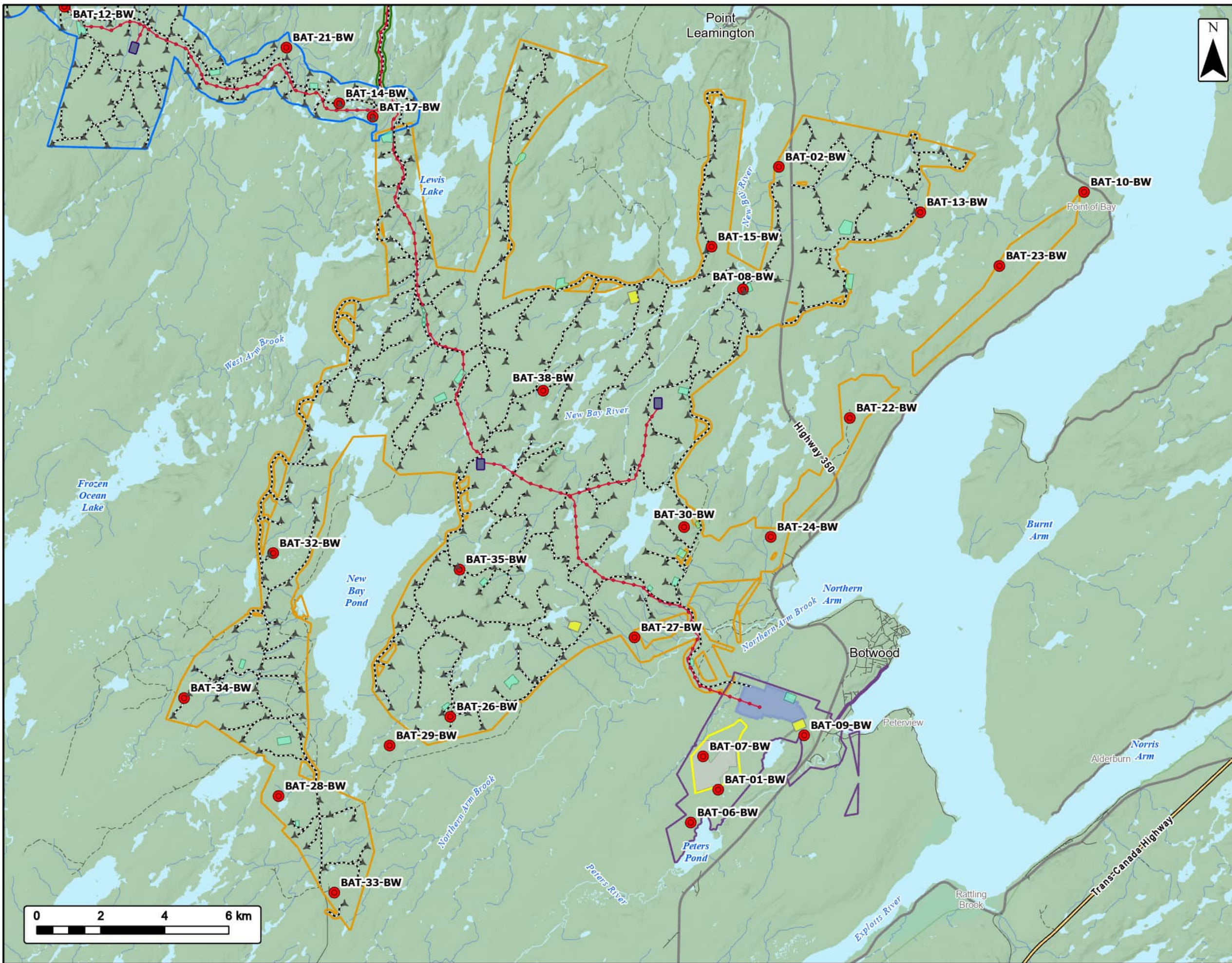
Project Area	
Project Footprint	
Suitable Foraging Habitat	
Suitable Roosting Habitat - Does Not Contain Trembling Aspen	
Suitable Roosting Habitat - Contains Trembling Aspen	
Low Potential Bat Habitat	
Transportation	
Highway	
Road	
Unpaved Road	
Water Features	
Mapped Watercourses	
Mapped Waterbodies	



Coordinate System: NAD 1983 CSRS UTM Zone 21N
Sources: Esri, NASA, NGA, USGS, GechiOVA, SHSIS, NSIRRR, ACCDC, IBA Canada, CNWI, HERE, Garmin, USGS

Date:	2026-03-30	Project #:	24-10265
Scale:	1:30,000	Drawing #:	6.12-1E
Drawn By:	M. Partridge		
Checked By:	L. Riehl		





EVREC Green Energy Hub

Botwood Wind Project Area
Bat Acoustic Detector Locations



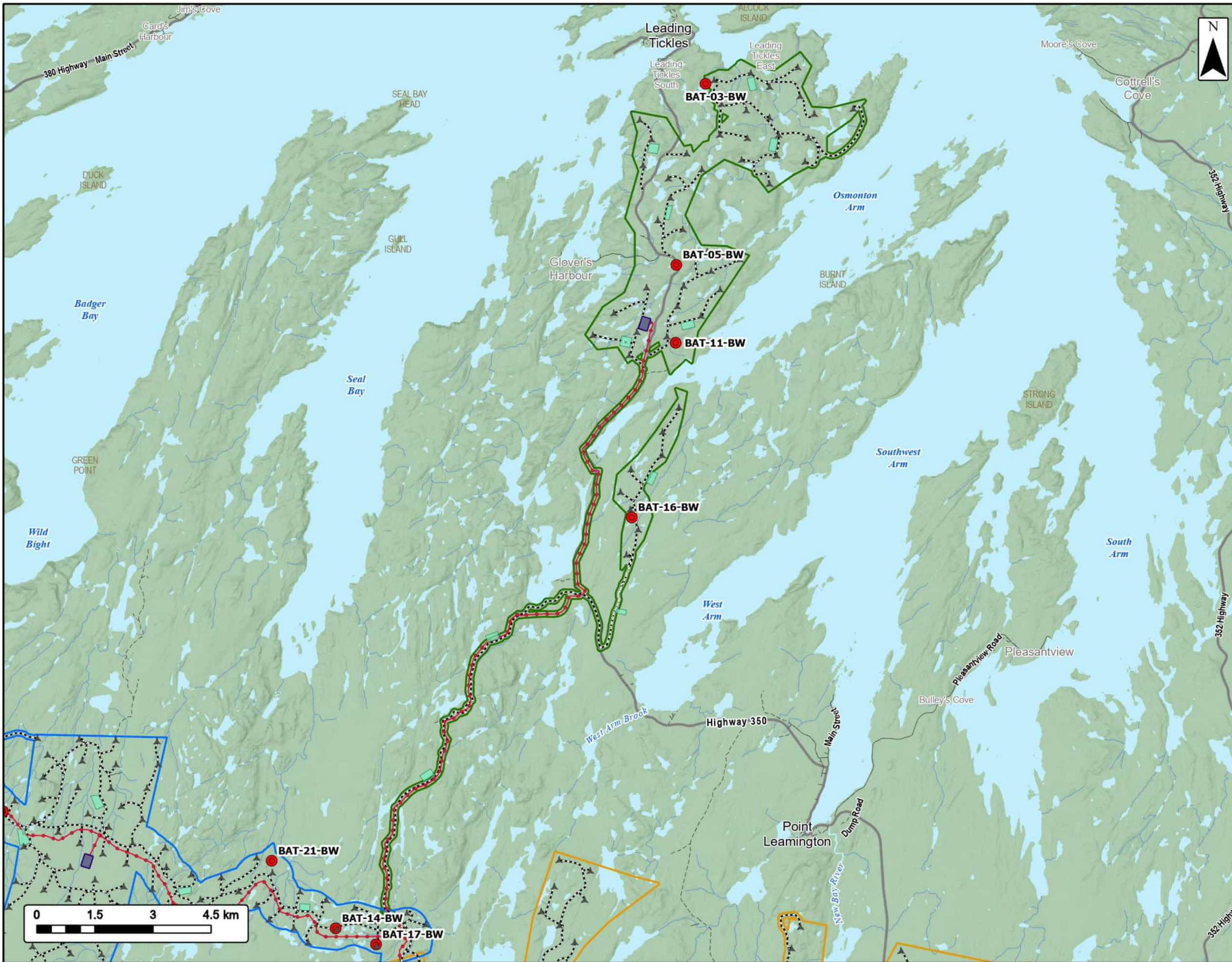
Sub Project Areas	Bat Acoustic Detector	
Botwood Wind Project Area	Transportation	
Leading Ticks Wind Project Area	Trans-Canada Highway	
Seabrights Lake Wind Project Area	Highway	
Industrial Facility Project Area	Road	
Solar Farm Project Area	Unpaved Road	
Industrial Facility Infrastructure Area	Water Features	
Solar Array Area	Mapped Watercourses	
Accommodation	Mapped Waterbodies	
Quarry		
Substation		
230 kV Transmission Line		
Project Road		
Turbine		



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

Date:	2026-03-30	Project #:	24-10265
Scale:	1:115,000	Drawing #:	6.12-2A
Drawn By:	M. Partridge		
Checked By:	L. Riehl		



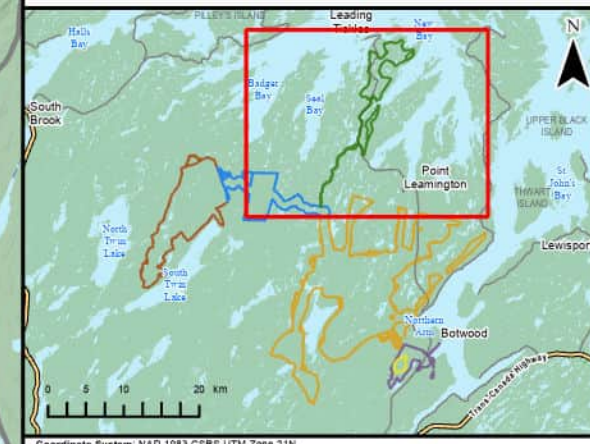


EVREC Green Energy Hub

Leading Ticksles Wind Project Area
Bat Acoustic Detector Locations

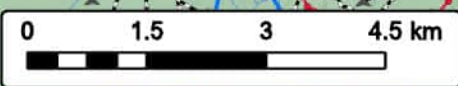


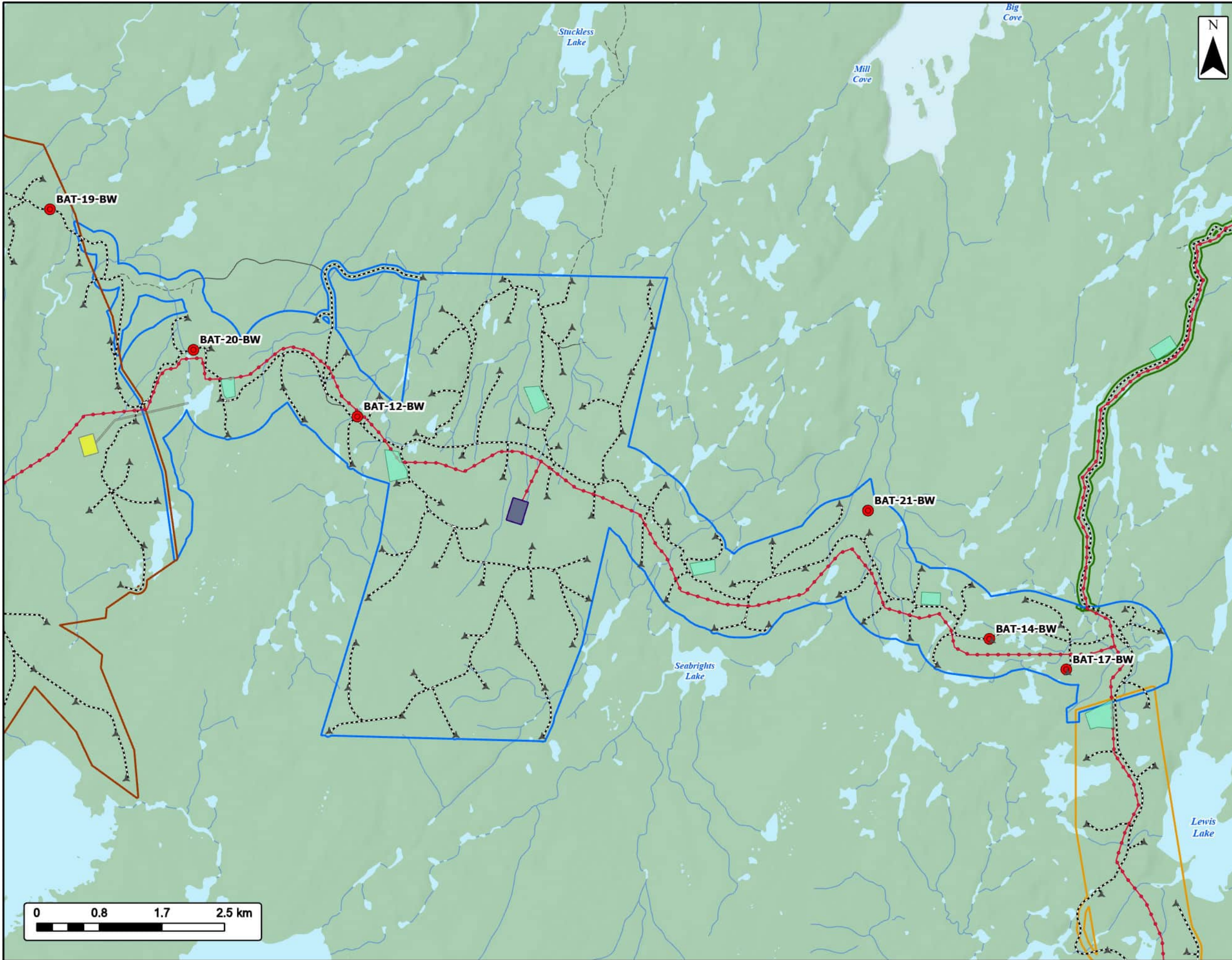
Sub Project Areas	Bat Acoustic Detector	
Botwood Wind Project Area	Transportation	
Leading Ticksles Wind Project Area	Highway	
Seabrights Lake Wind Project Area	Road	
Quarry	Unpaved Road	
Substation	Water Features	
230 kV Transmission Line	Mapped Watercourses	
Project Road	Mapped Waterbodies	
Turbine		



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

Date:	2026-03-30	Project #:	24-10265
Scale:	1:95,000	Drawing #:	6.12-2B
Drawn By:	M. Partridge		
Checked By:	L. Riehl		





EVREC Green Energy Hub

Seabrights Lake Wind Project Area
Bat Acoustic Detector Locations



EVREC

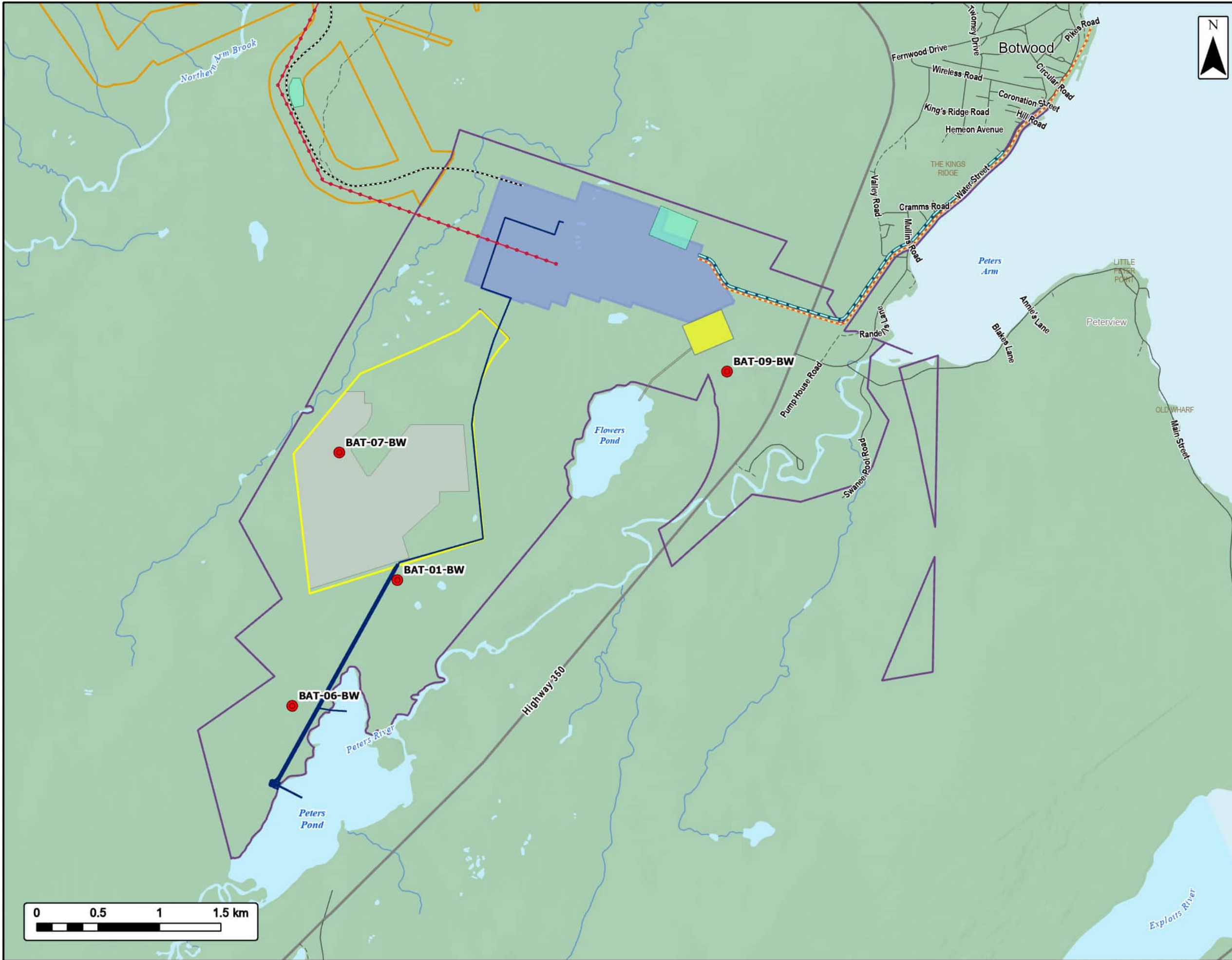
Sub Project Areas	Bat Acoustic Detector	
Botwood Wind Project Area	Transportation	
Leading Ticks Wind Project Area	Road	
Seabrights Lake Wind Project Area	Unpaved Road	
Twin Lakes Wind Project Area	Water Features	
Accommodation	Mapped Watercourses	
Quarry	Mapped Waterbodies	
Substation		
230 kV Transmission Line		
Project Road		
Turbine		



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

Date:	2026-03-30	Project #:	24-10265
Scale:	1:50,000	Drawing #:	6.12-2C
Drawn By:	M. Partridge		
Checked By:	L. Riehl		





EVREC Green Energy Hub

Industrial Facility & Solar Project Area
Bat Acoustic Detector Locations

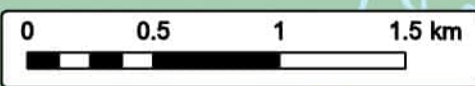


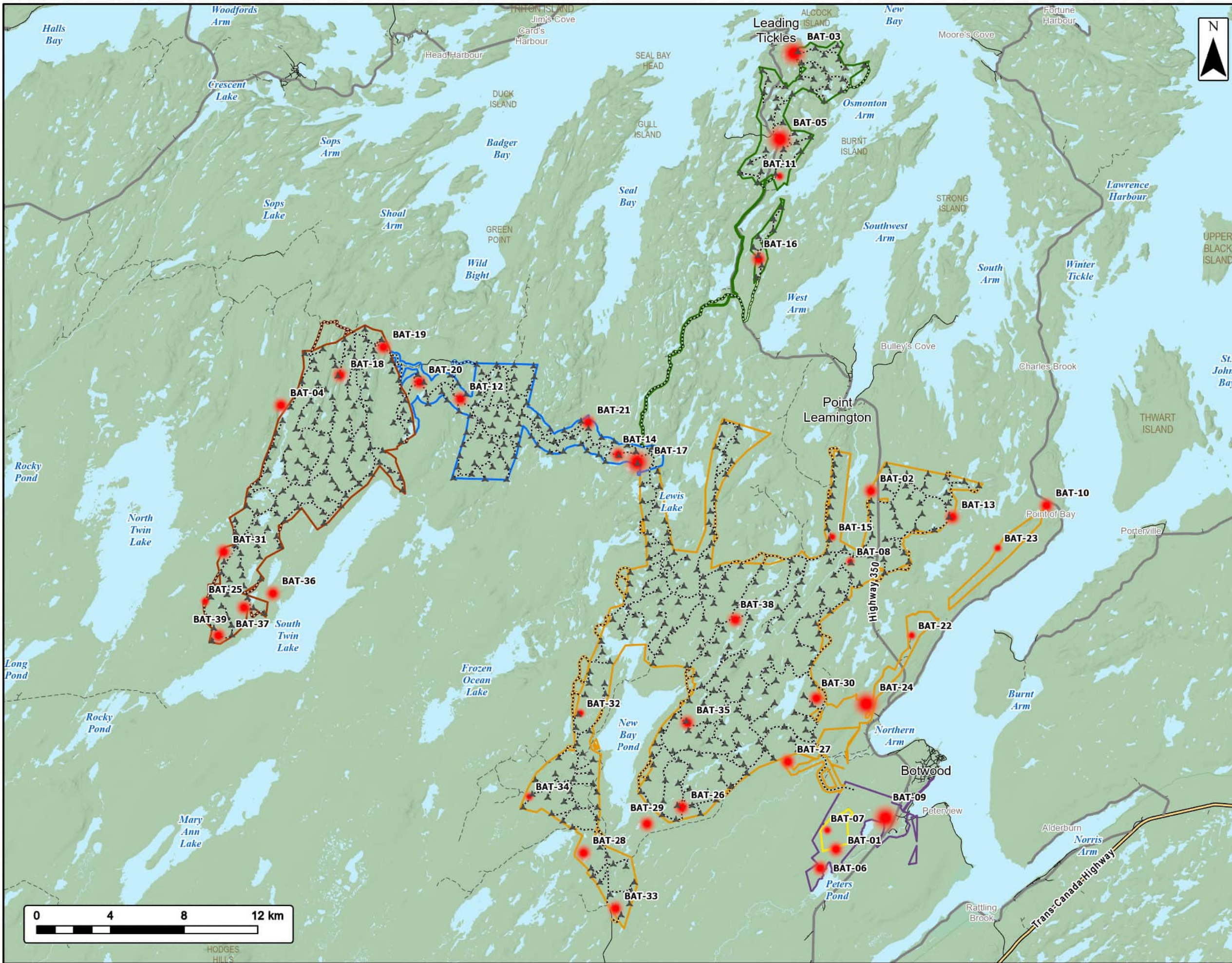
Sub Project Areas		Bat Acoustic Detector
Botwood Wind Project Area		
Industrial Facility Project Area		Transportation
Solar Farm Project Area		Highway
Industrial Facility Infrastructure Area		Road
Solar Array Area		Unpaved Road
Accommodation		Water Features
Quarry		Mapped Watercourses
230 kV Transmission Line		Mapped Waterbodies
Project Road		
Haul Road		
Plant Site Intake & Water Recycling Line		
Ammonia Pipeline		



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

Date: 2026-03-30	Project #: 24-10265
Scale: 1:30,000	Drawing #: 6.12-2E
Drawn By: M. Partridge	
Checked By: L. Riehl	





EVREC Green Energy Hub

Recorded Bat Activity & Proposed Turbine Locations



Project Area

- Industrial Project Area
- Solar Project Area
- Botwood Wind Project Area
- Leading Ticksles Wind Project Area
- Seabrights Lake Wind Project Area
- Twin Lakes Wind Project Area

Project Road

Turbine

Level of Detected Bat Activity

- Low - Call Count ≤10
- Medium - Call Count >10 and <100
- High - Call Count >100

Transportation

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

Water Features

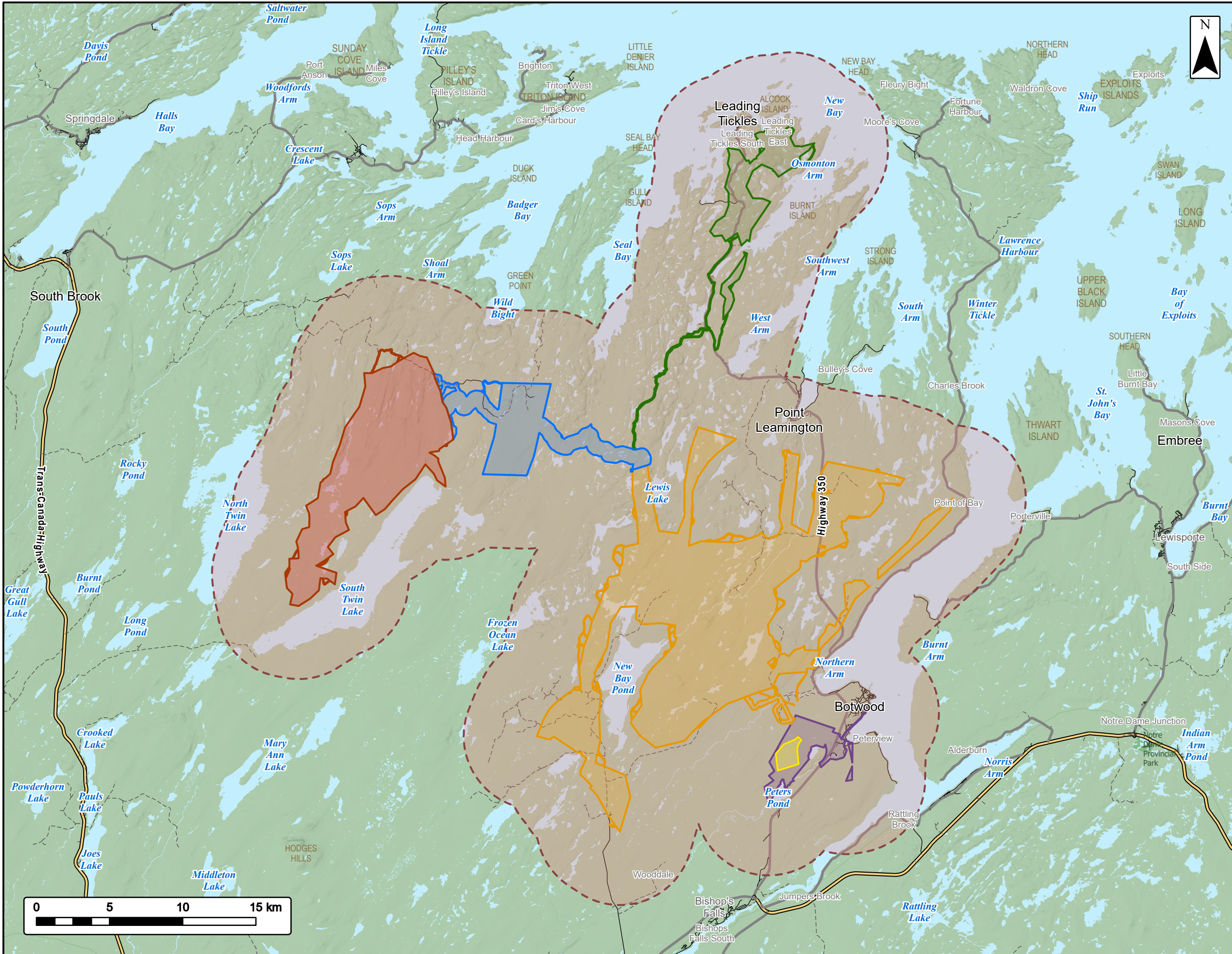
Mapped Waterbodies



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

Date:	2026-03-30	Project #:	24-10265
Scale:	1:200,000	Drawing #:	6.12-3
Drawn By:	M. Partridge		
Checked By:	L. Riehl		





EVREC Green Energy Hub

Bats - Local Study Area



Project Area

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

Transportation

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

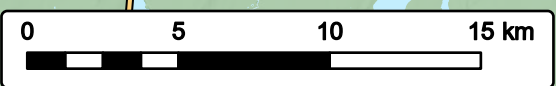
Water Features

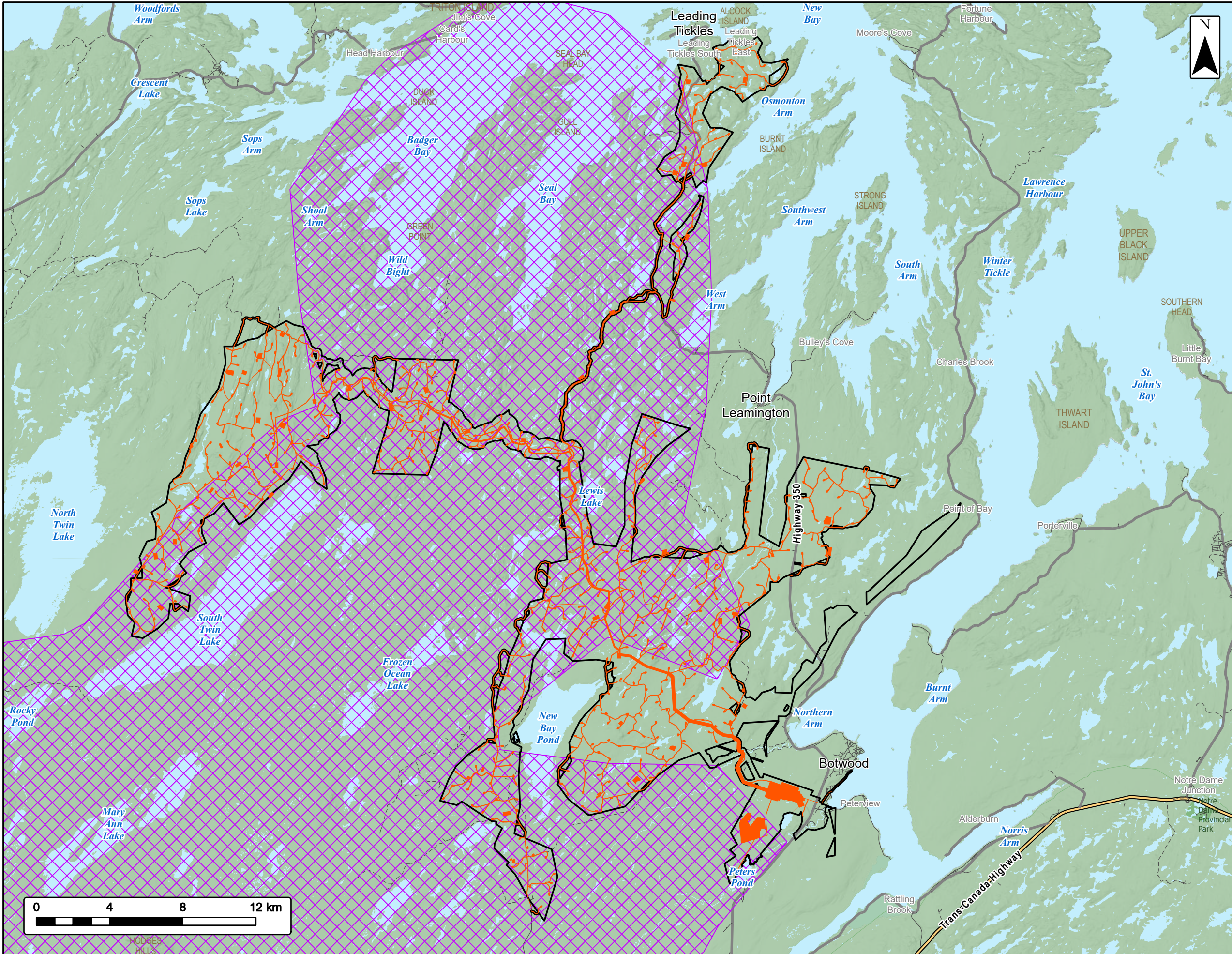
- Mapped Waterbodies



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

Date: 2026-03-30	Project #: 24-10265
Scale: 1:250,000	<h1>6.12-4</h1>
Drawn By: M. Partridge	
Checked By: L. Riehl	





EVREC Green Energy Hub

Home Range by Collared Hodges Hill Caribou

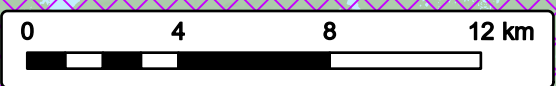


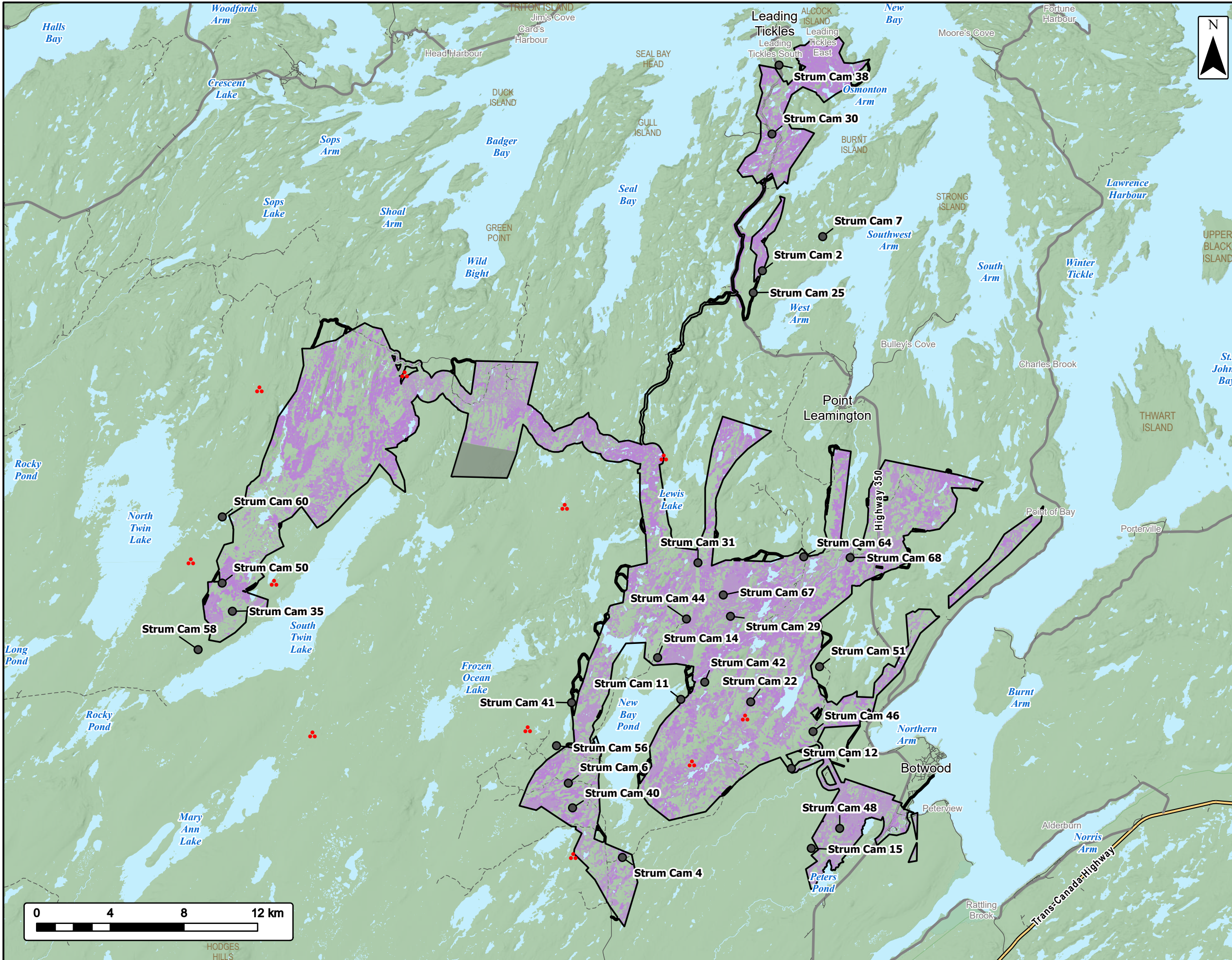
- Project Area
- Hodges Hill Caribou Habitat - 95% Kernel
- Project Footprint
- Transportation**
- Trans-Canada Highway
- Highway
- Road
- Unpaved Road
- Water Features**
- Mapped Waterbodies



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

Date: 2026-03-30	Project #: 24-10265
Scale: 1:200,000	Drawing #:
Drawn By: B. Spencer	<h2>6.13-1</h2>
Checked By: L. Pominville	





EVREC Green Energy Hub

Caribou Camera Locations & Predicted Habitat



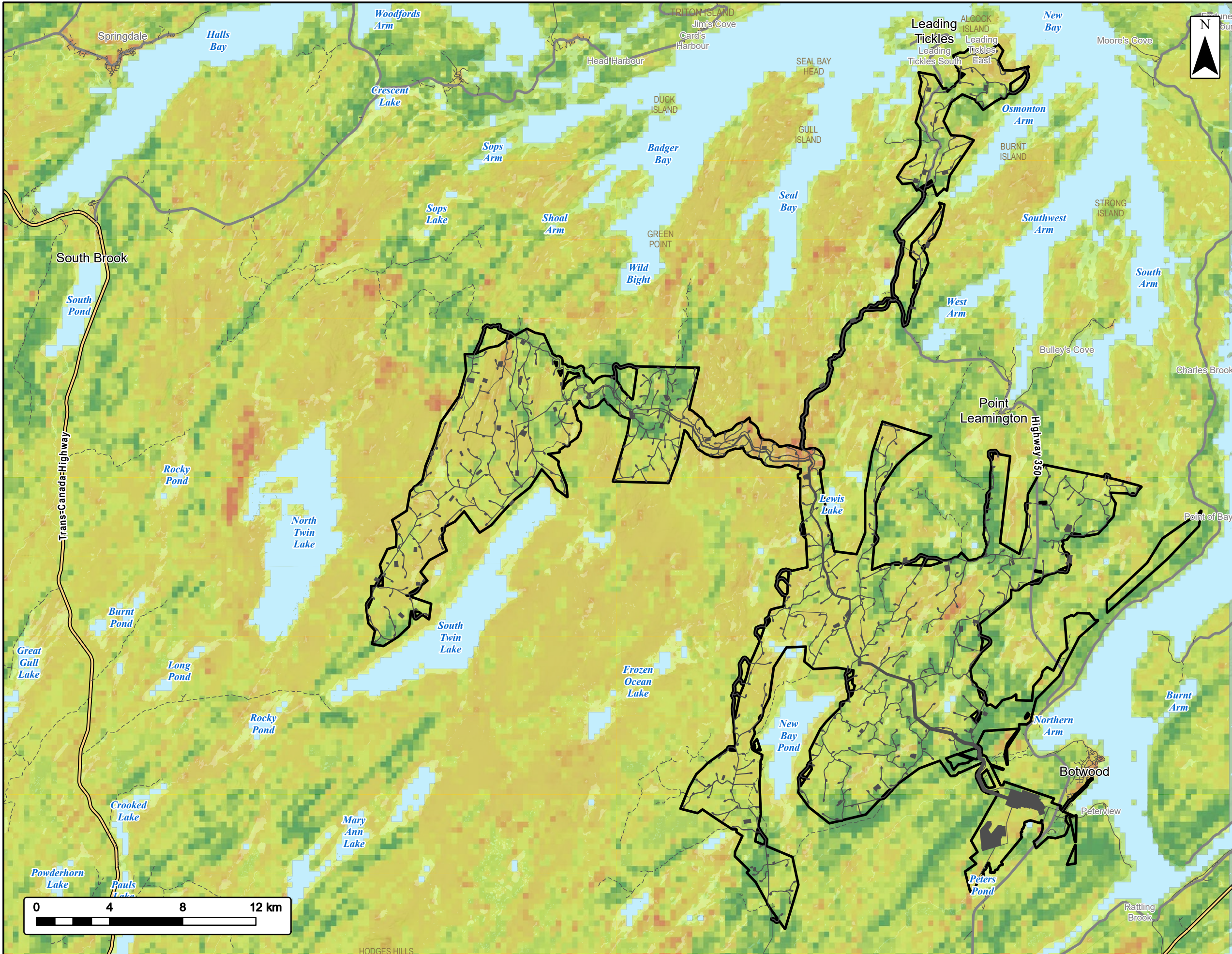
Project Area	
Caribou Camera Locations	
Wildlife Trail Camera Locations	
Predicted Caribou Habitat	
Transportation	
Trans-Canada Highway	
Highway	
Road	
Unpaved Road	
No Data	
Water Features	
Mapped Waterbodies	



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

Date:	2026-03-30	Project #:	24-10265
Scale:	1:200,000	Drawing #:	6.13-2
Drawn By:	M. Partridge		
Checked By:	E. Polsuns		





EVREC Green Energy Hub
 Habitat Selection by Hodges Hill Caribou, 1 April - 31 August



Project Area

Project Footprint

Predicted Habitat Quality Value
 3.46296
 -2.53206

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: 2026-03-30	Project #: 24-10265
Scale: 1:200,000	Drawing #: 6.13-3
Drawn By: B. Spencer	
Checked By: L. Pominville	



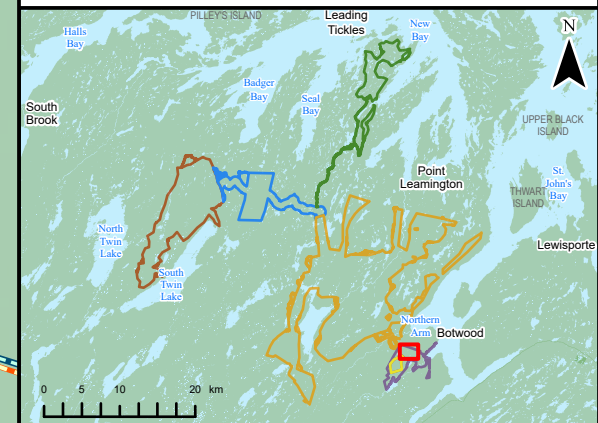
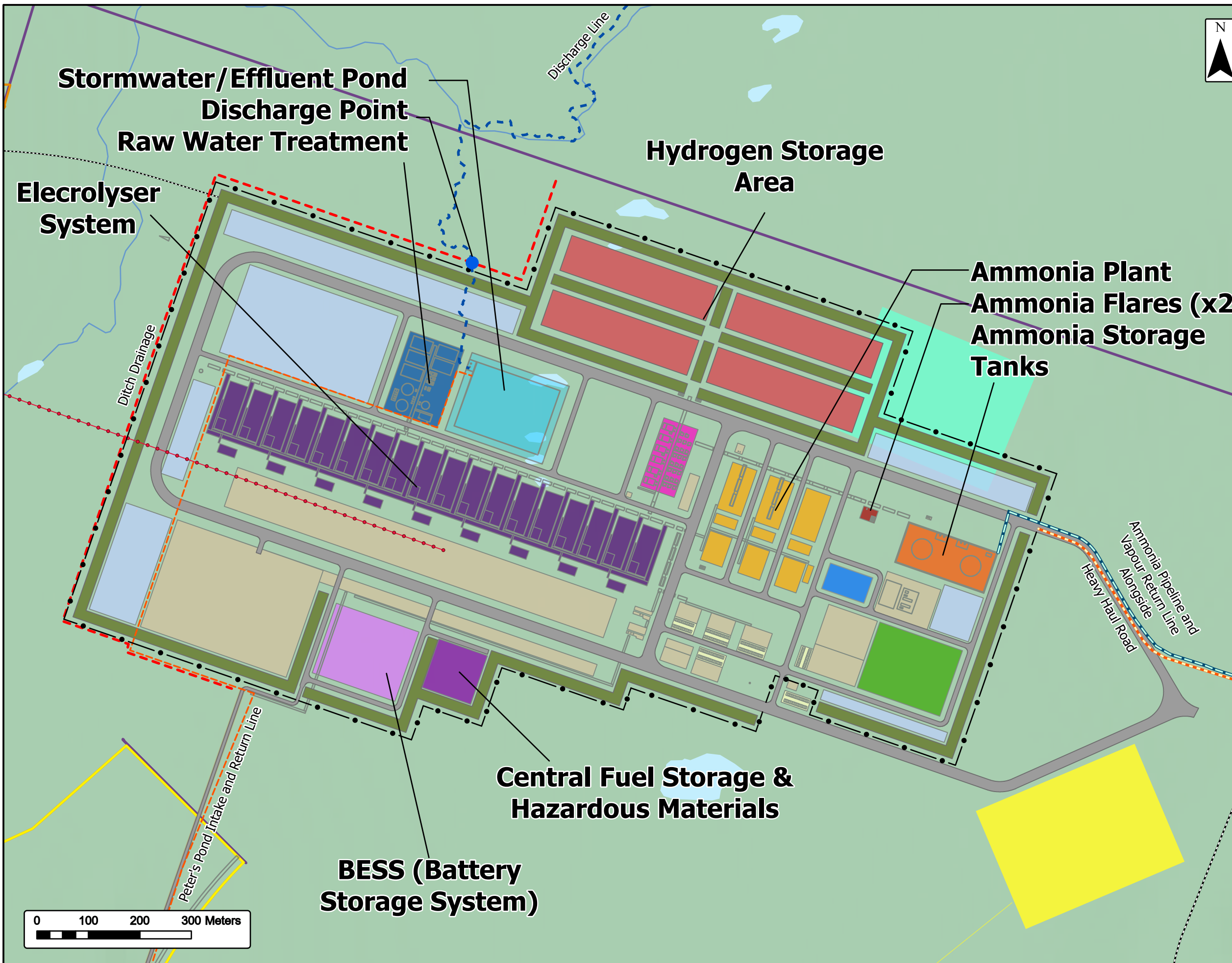
EVREC Green Energy Hub

Industrial Facility Layout



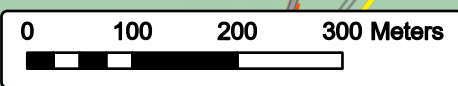
EVREC

Project Area	Industrial Facility
Industrial Project Area	Ammonia Plant
Solar Project Area	Ammonia Storage Tanks
Botwood Wind Project Area	BESS (Battery Storage System)
Accommodation	Central Fuel Storage, Haz Mat
Quarry	Electrolyser System
230 kV Transmission Line	Flare
Project Road	Hydrogen Plant
Ditch	Maintenance Laydown
Heavy Haul Road	Other Industrial Facility Infrastructure
Water Recycling Line	Raw water Treatment
Proposed Road Network	Snow Storage
Discharge Line	Stormwater/ Effluent Pond
Fence	Other Industrial Component
Ammonia & Vapour Return Pipeline	Parking Lot
Mapped Watercourses	Berms
Mapped Waterbodies	Hydrogen Storage
	Evaporation Pond
	Industrial Facility Road

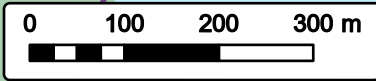


Coordinate System: NAD 1983 CSRS UTM Zone 21N
 Sources: Esri, NASA, NGA, USGS, GeoNOVA, SNSIS, NSNRR, ACCDC, IBA Canada, CNWI, HERE, Garmin, USGS

Date: 2026-05-10	Project #: 24-10265
Scale: 1:7,200	Drawing #: 7.1-1
Drawn By: B. Spencer	7.1-1
Checked By: N. Thomas	

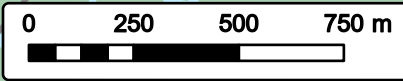


A



Peters Pond

B



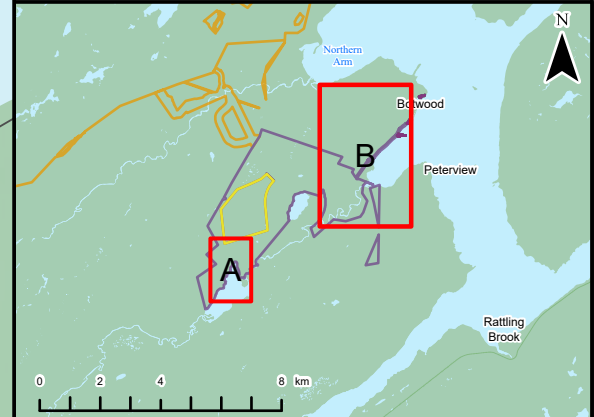
EVREC Green Energy Hub

Industrial Project Area - Periphery Infrastructure



EVREC

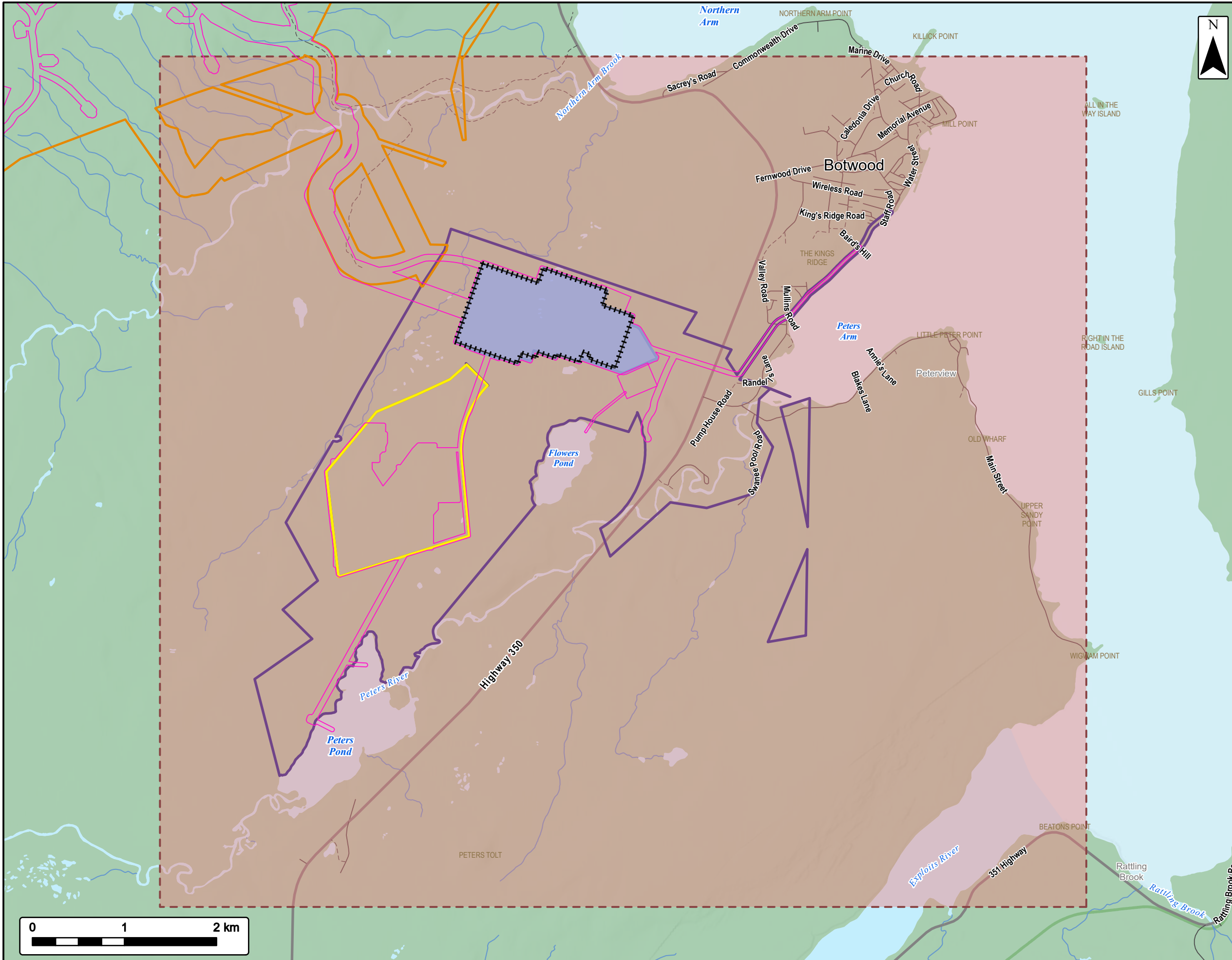
Project Area	Transportation	Water Features
Industrial Project Area	Trans-Canada Highway	Mapped Watercourses
Solar Project Area	Highway	Mapped Waterbodies
Botwood Wind Project Area	Road	
Industrial Facility Infrastructure Area	Unpaved Road	
Accommodation		
69 kV Collector Line		
Project Road		
Plant Site Intake - Access Route and Parking Area		
Jetty Infrastructure		
Heavy Haul Road		
Plant Site Intake		
Water Recycling Line		
Ammonia and Vapour Return Pipeline		



Coordinate System: NAD 1983 CSRS UTM Zone 21N
Sources: Esri, Vantor, Airbus DS, USGS, NGA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NMA, Geodatasysteem, Rijkswaterstaat, GSA, Geoland, FEMA, Intermap, and the GIS user community, Esri, NASA, NGA, USGS, GeoNOVA, SNSIS, NSNRR, ACCDC, IBA Canada, CNVI, HERE, Garmin, USGS

Date:	2026-05-11	Project #:	24-10265
Scale:	A: 1:8,000 B: 1:18,000	Drawing #:	7.1-2
Drawn By:	B. Spencer		
Checked By:	N. Thomas		





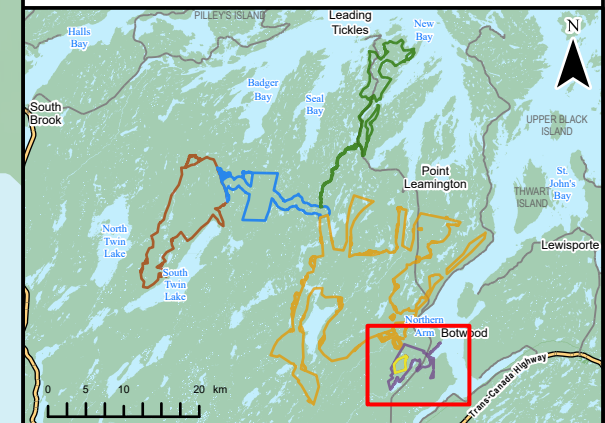
EVREC Green Energy Hub

Atmospheric Spatial Boundary
Industrial Project Area



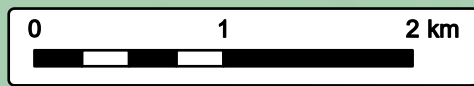
Project Area

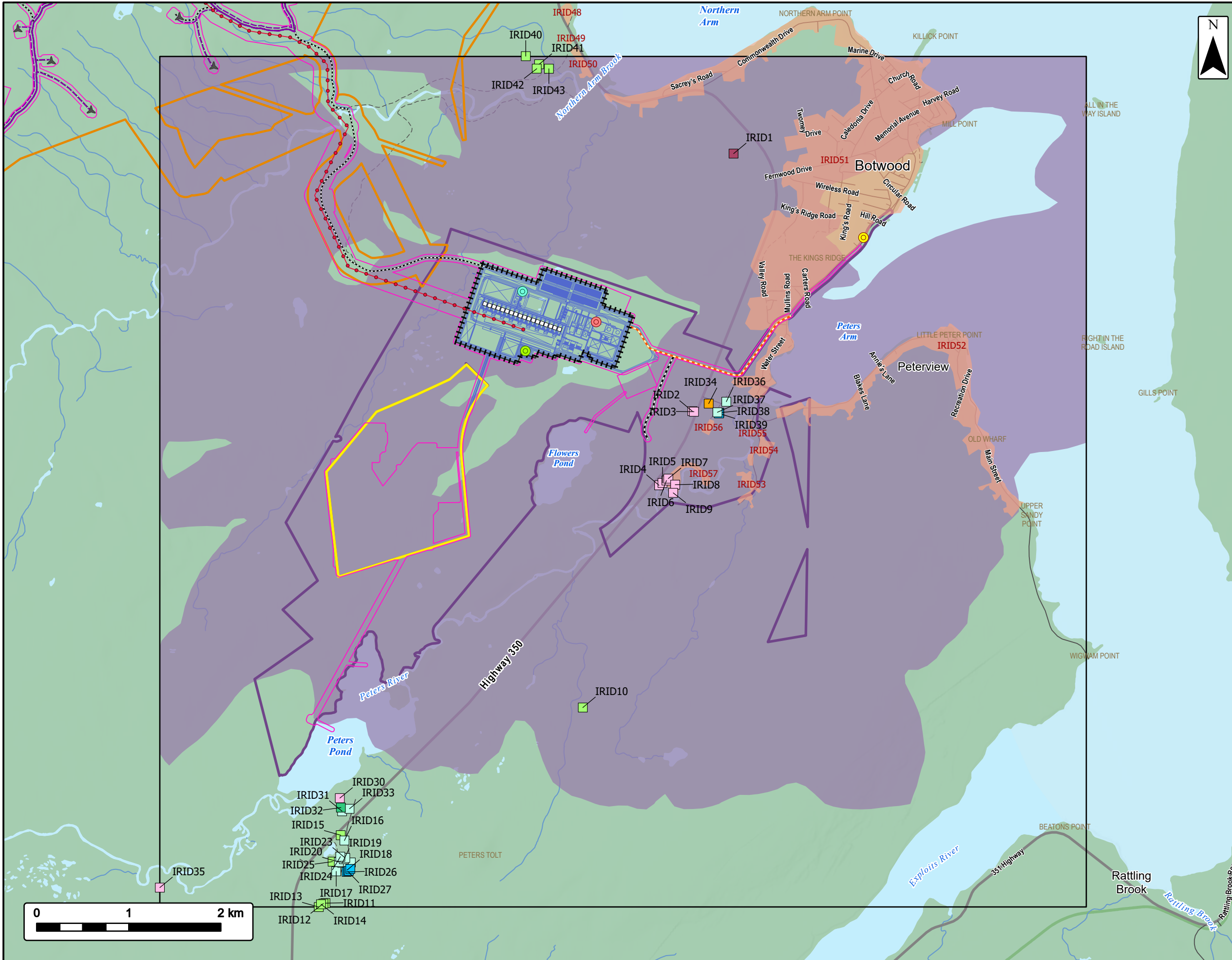
- Industrial Project Area
- Solar Project Area
- Botwood Wind Project Area
- Project Footprint
- Industrial Facility Infrastructure Area
- Local Study Area
- Industrial Facility Boundary
- Transportation**
- Highway
- Road
- Unpaved Road
- Water Features**
- Mapped Watercourses
- Mapped Waterbodies



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

Date:	2026-05-05	Project #:	24-10265
Scale:	1:40,000	Drawing #:	7.2-1
Drawn By:	B. Spencer		
Checked By:	L. Pomerville		



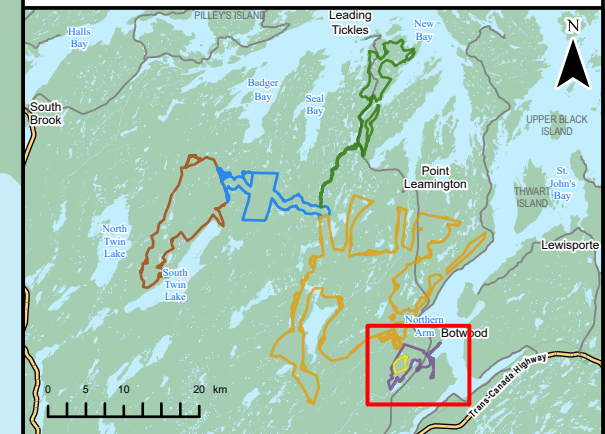


EVREC Green Energy Hub

Commissioning Industrial Facility Emissions
NOx (1-hour) 2022

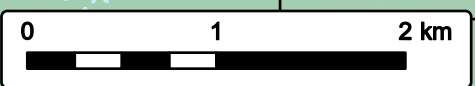


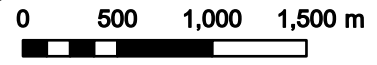
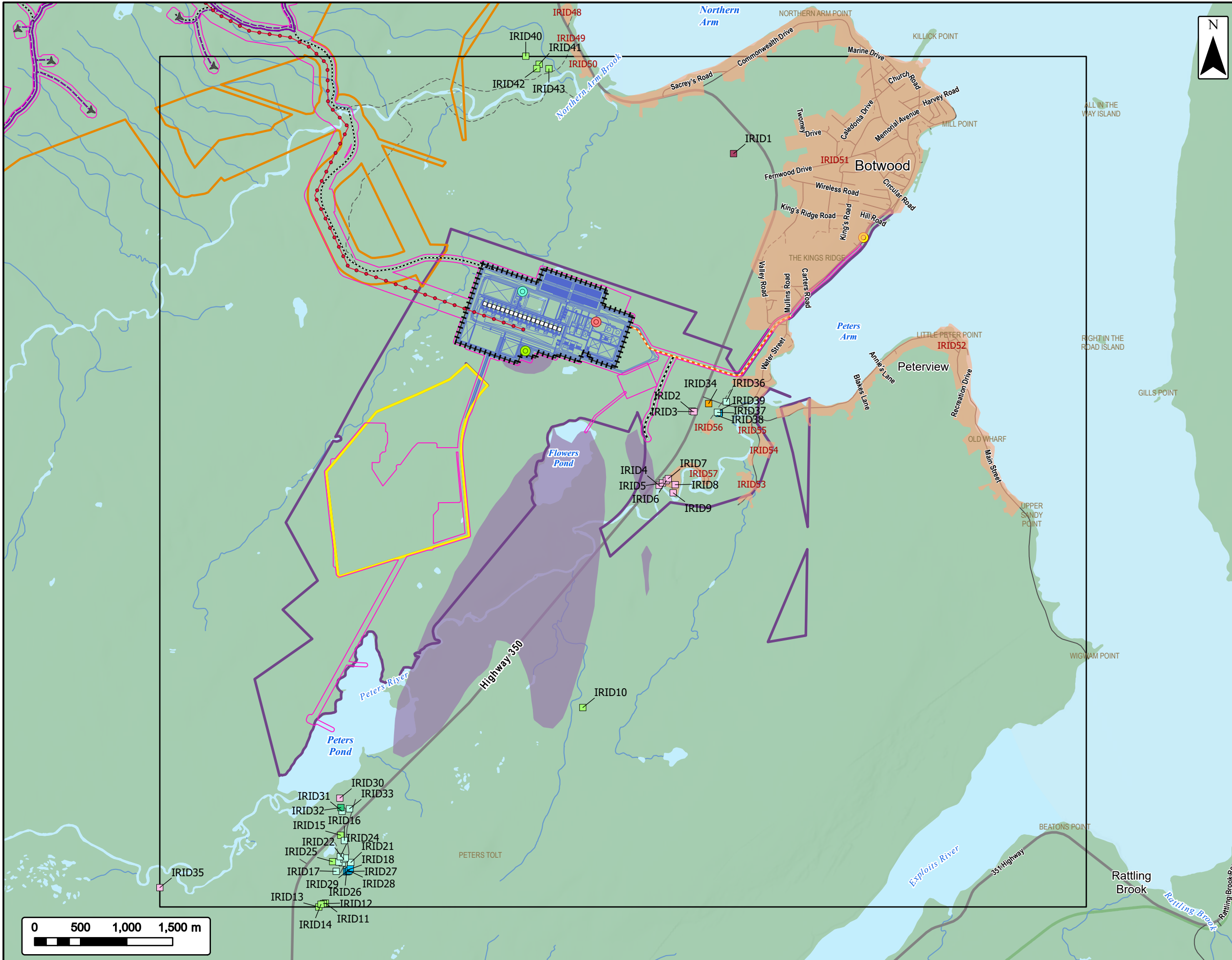
Project Area	Receptors
Industrial Project Area	Agricultural
Solar Project Area	Commercial
Botwood Wind Project Area	Institutional
Project Footprint	Municipal
230 kV Transmission Line	Residential
69 kV Collector Line	Secondary
Project Road	Unknown
Heavy Haul Road	Receptor - Polygon
Industrial Plant Boundary	Air Dispersion Modelling
Turbine	Exceedances above Guideline (NLA PCR) of >415 µg/m³
Jetty Flare	Limits of Modelling Extent
Firewater Pumps	Transportation
Process Plant Flare & NH3 Storage Flare	Highway
Emergency Diesel Engines	Road
Electrolyser Diesel Engines	Unpaved Road
	Water Features
	Mapped Watercourses
	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:	2026-05-05	Project #:	24-10265
Scale:	1:40,000	Drawing #:	7.2-2
Drawn By:	B. Spencer		
Checked By:	A. Scott		



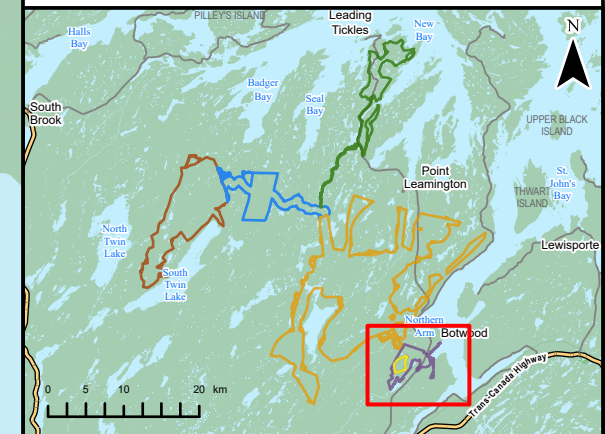


EVREC Green Energy Hub

Commissioning Industrial Facility Emissions
NOx (24-hour) 2023



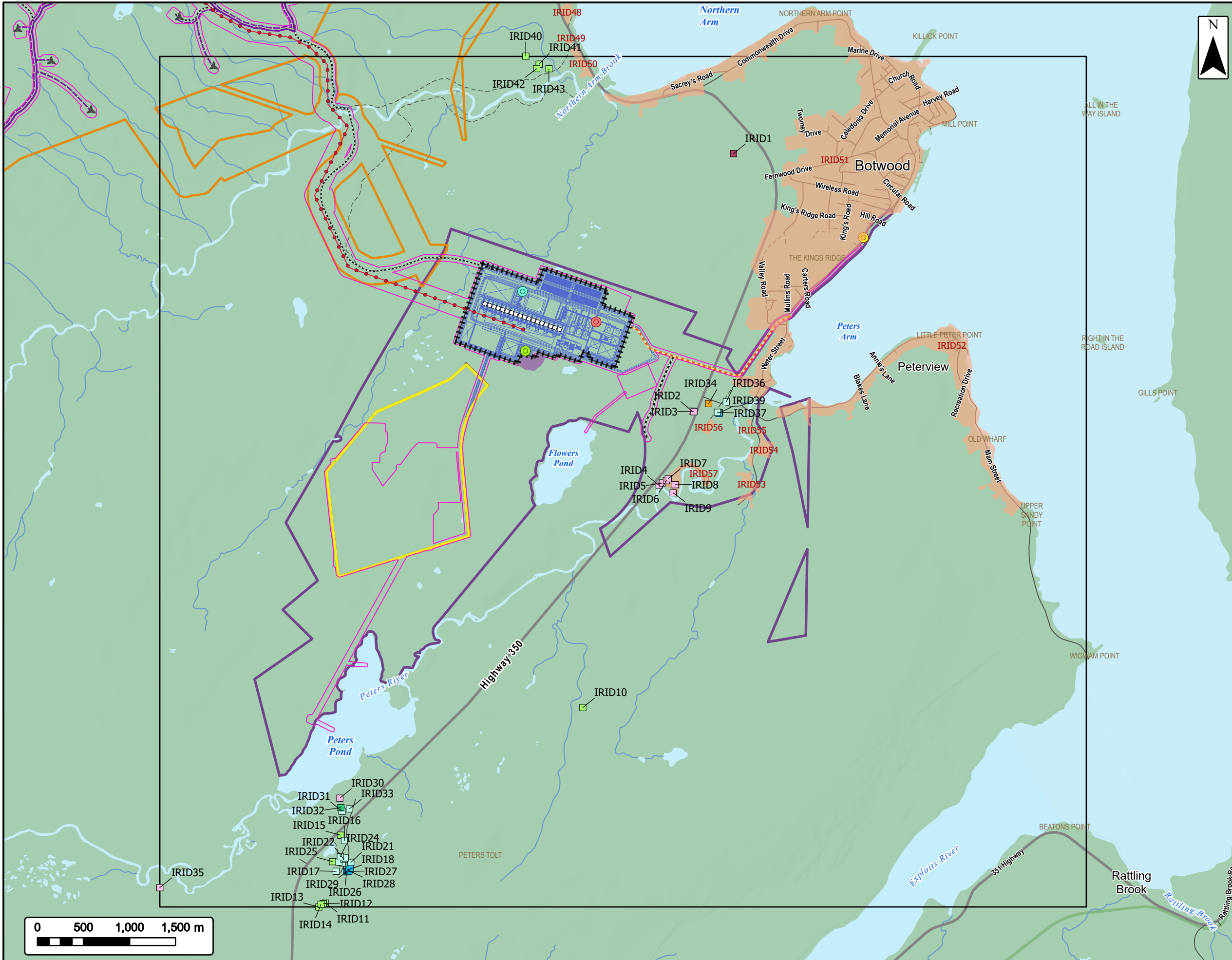
Project Area	Receptors
Industrial Project Area	Agricultural
Solar Project Area	Commercial
Botwood Wind Project Area	Institutional
Project Footprint	Municipal
230 kV Transmission Line	Residential
69 kV Collector Line	Secondary
Project Road	Unknown
Heavy Haul Road	Receptor - Polygon
Industrial Plant Boundary	Air Dispersion Modelling
Turbine	Exceedances above NLAPCR Guideline of >206 µg/m³
Jetty Flare	Limits of Modelling Extent
Firewater Pumps	Transportation
Process Plant Flare & NH3 Storage Flare	Highway
Emergency Diesel Engines	Road
Electrolyser Diesel Engines	Unpaved Road
	Water Features
	Mapped Watercourses
	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:	2026-05-05	Project #:	24-10265
Scale:	1:40,000	Drawing #:	7.2-3
Drawn By:	B. Spencer		
Checked By:	A. Scott		



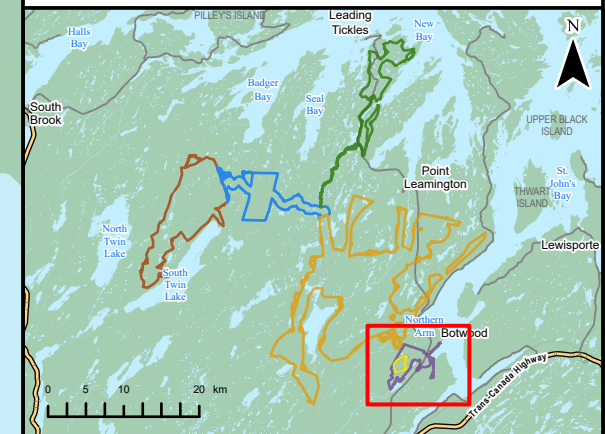


EVREC Green Energy Hub

Commissioning Industrial Facility Emissions
PM10 (24-hour) 2023

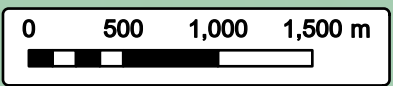


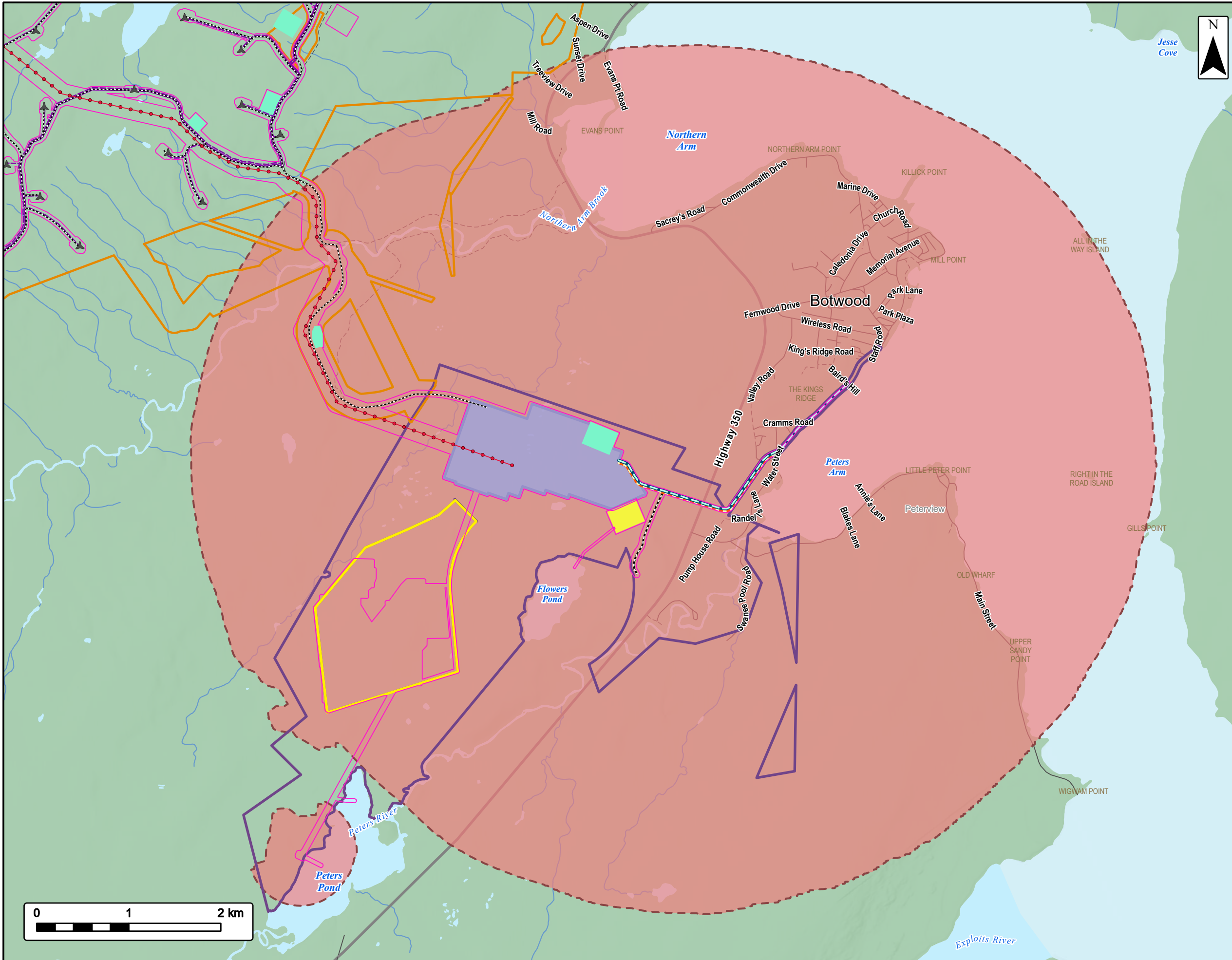
Project Area		Receptors	
Industrial Project Area		Agricultural	
Solar Project Area		Commercial	
Botwood Wind Project Area		Institutional	
Project Footprint		Municipal	
230 kV Transmission Line		Residential	
69 kV Collector Line		Secondary	
Project Road		Unknown	
Heavy Haul Road		Receptor - Polygon	
Industrial Plant Boundary		Air Dispersion Modelling	
Turbine		Exceedances above NLAPCR Guideline of >50 µg/m³	
Jetty Flare		Limits of Modelling Extent	
Firewater Pumps		Transportation	
Process Plant Flare & NH3 Storage Flare		Highway	
Emergency Diesel Engines		Road	
Electrolyser Diesel Engines		Unpaved Road	
		Water Features	
		Mapped Watercourses	
		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:	2026-05-05	Project #:	24-10265
Scale:	1:40,000	Drawing #:	7.2-4
Drawn By:	B. Spencer		
Checked By:	A. Scott		



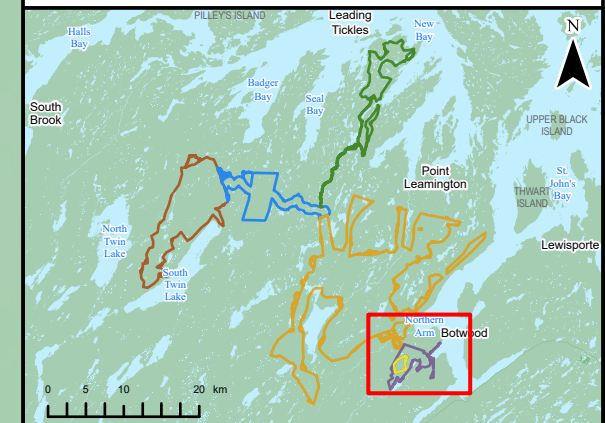


EVREC Green Energy Hub

Sound - Local Study Area
Industrial Project Area



Project Area		Local Study Area
Industrial Project Area		
Solar Project Area		Transportation
Botwood Wind Project Area		Highway
Project Footprint		Road
Industrial Facility		Unpaved Road
Infrastructure Area		Water Features
Accommodation		Mapped Watercourses
Quarry		Mapped Waterbodies
230 kV Transmission Line		
69 kV Collector Line		
Project Road		
Haul Road		
Ammonia Pipeline		
Turbine		



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

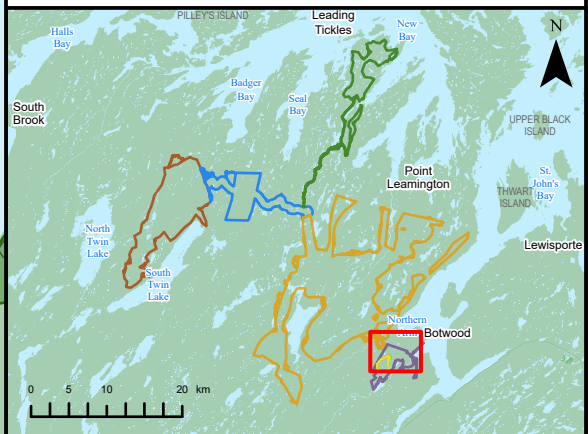
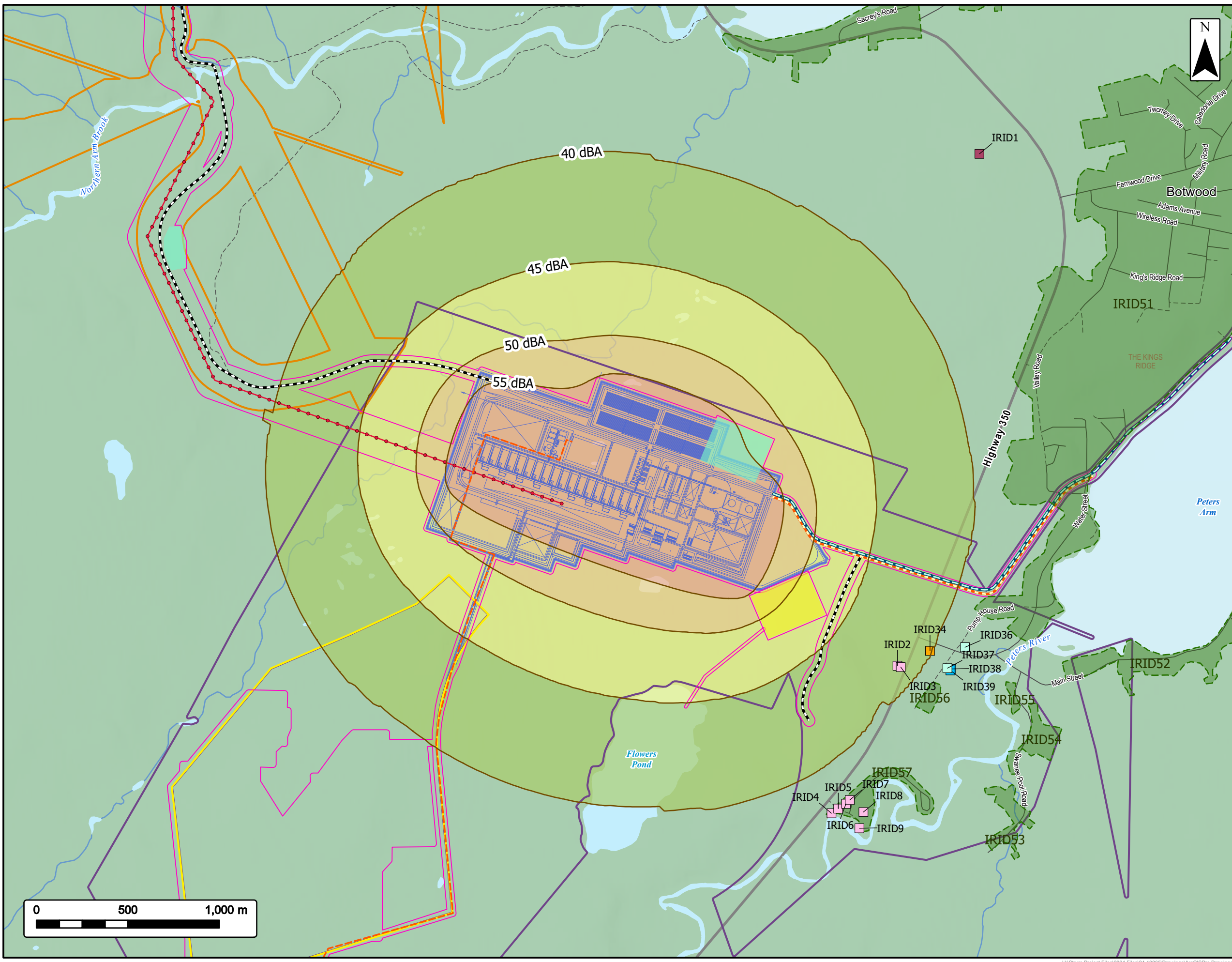
Date:	2026-05-05	Project #:	24-10265
Scale:	1:40,000	Drawing #:	7.4-1
Drawn By:	B. Spencer		
Checked By:	L. Pomerville		



EVREC Green Energy Hub
 Construction Noise Modelling of Industrial Facility
 (Mitigation Applied)



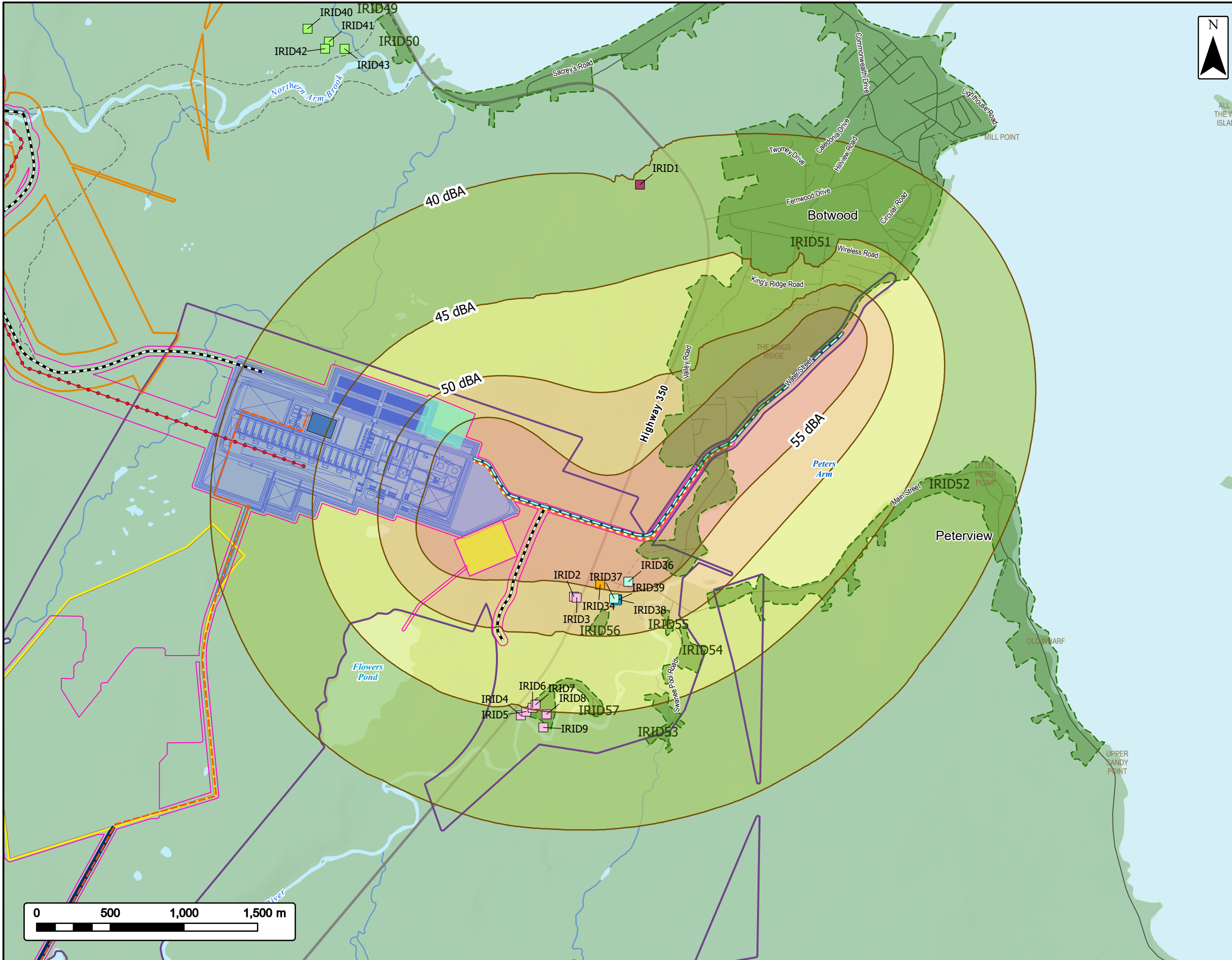
Project Area		Receptor - Point	
Industrial Project Area		Commercial	
Solar Project Area		Institutional	
Botwood Wind Project Area		Municipal	
Project Footprint		Residential	
Industrial Facility Infrastructure Area		Secondary	
Accommodation		Noise Isopleth	
Quarry		Modelled Noise Contours (dBA)	
Ammonia Pipeline		40 - 45	
230 kV Transmission Line		45 - 50	
Project Road		50 - 55	
Haul Road		55+	
Water Recycling Line		Transportation	
Receptor - Polygon		Highway	
		Road	
		Unpaved Road	
		Water Features	
		Mapped Watercourses	
		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: 2026-03-28	Project #: 24-10265
Scale: 1:20,000	Drawing #: 7.4-2
Drawn By: M. Partridge	
Checked By: L. Pomerville	





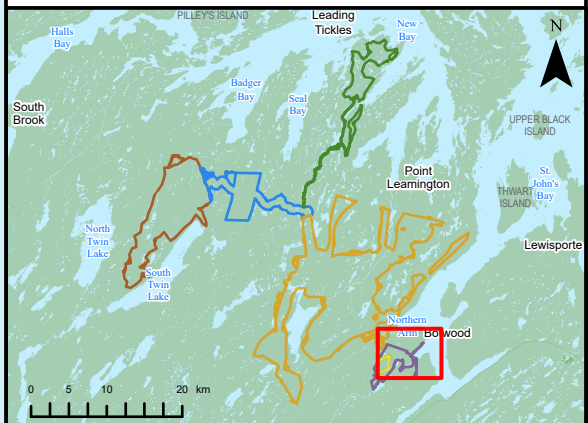
ALL IN THE WAY ISLAND

EVREC Green Energy Hub

Construction Noise Modelling of Haul Road & Pipeline
(Mitigation Applied)

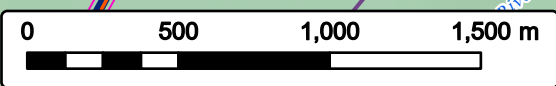


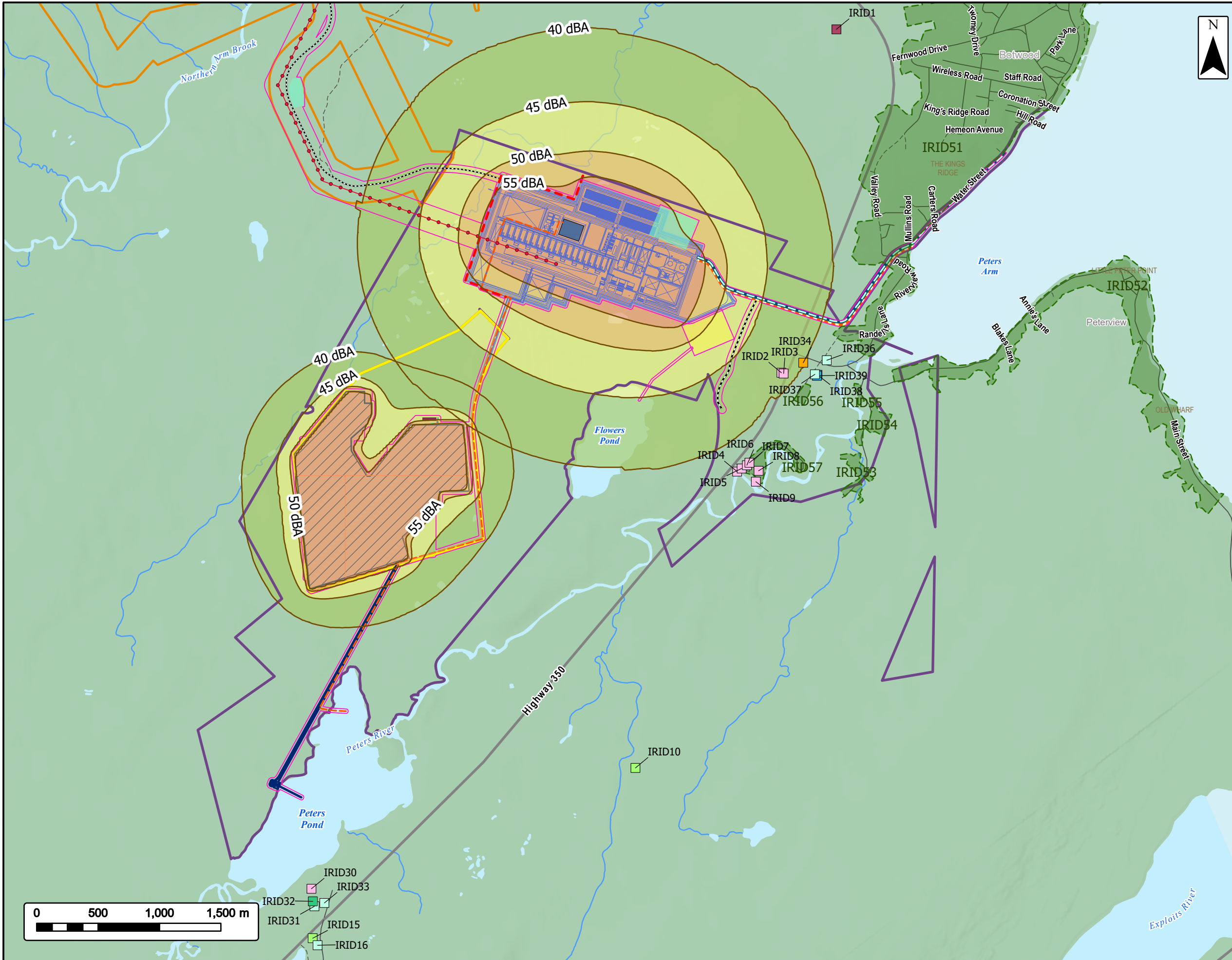
Project Area		Receptor - Point	
Industrial Project Area		Agricultural	
Solar Project Area		Commercial	
Botwood Wind Project Area		Institutional	
Project Footprint		Municipal	
Industrial Facility Infrastructure Area		Residential	
Accommodation		Secondary	
Quarry		Modelled Noise Contours (dBA)	
Settling Pond		40 - 45	
230 kV Transmission Line		45 - 50	
Project Road		50 - 55	
Haul Road		55+	
Plant Site Intake		Transportation	
Water Recycling Line		Highway	
Ammonia Pipeline		Road	
Receptors		Unpaved Road	
Receptor - Polygon		Water Features	
		Mapped Watercourses	
		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:	2026-03-28	Project #:	24-10265
Scale:	1:25,000	Drawing #:	7.4-3
Drawn By:	M. Partridge		
Checked By:	L. Pomville		



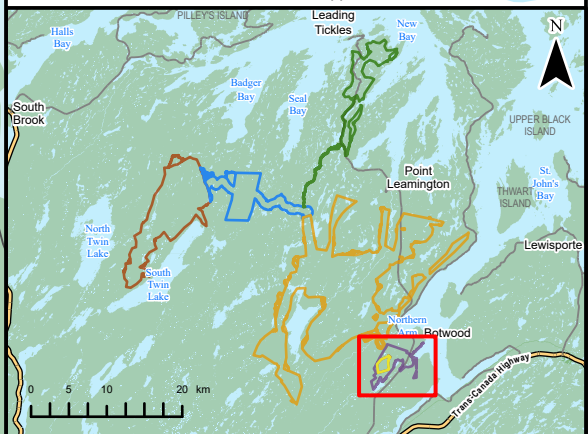


EVREC Green Energy Hub

Normal Operational Noise Modelling of Solar Project & Industrial Facility (Mitigated)



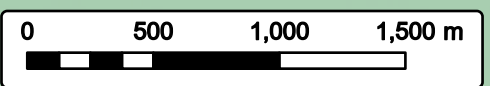
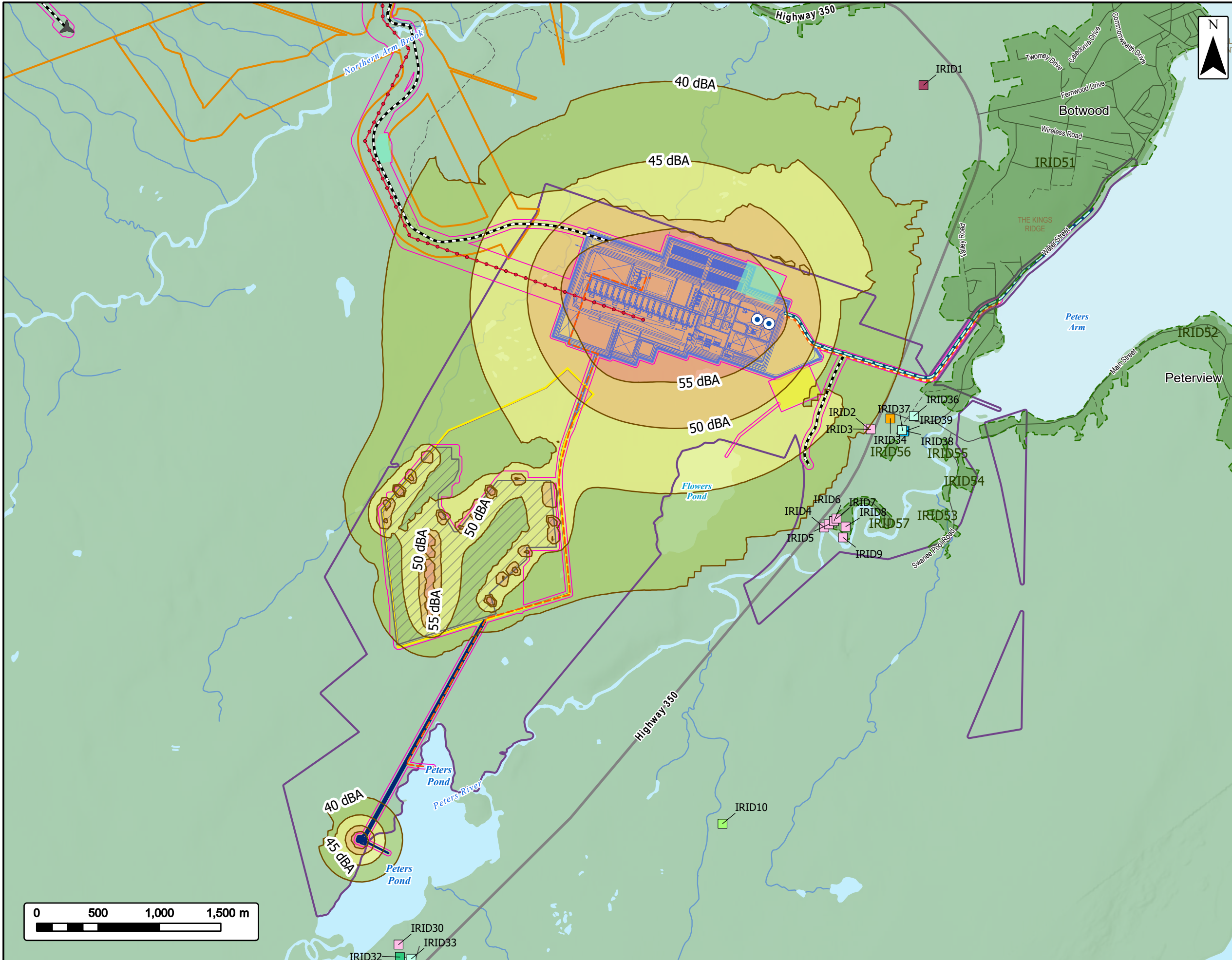
Project Area	Receptor	Modelled Noise Contours (dBA)
Industrial Project Area	Agricultural	40 - 45
Solar Project Area	Commercial	45 - 55
Botwood Wind Project Area	Institutional	50 - 55
Project Footprint	Municipal	55+
Industrial Facility	Residential	Noise Isoleth
Infrastructure Area	Secondary	Transportation
Accommodation	Unknown	Highway
Quarry		Road
Settling Pond		Unpaved Road
230 kV Transmission Line		Water Features
Project Road		Mapped Watercourses
Ditch		Mapped Waterbodies
Haul Road		
Plant Site Intake		
Water Recycling Line		
Ammonia Pipeline		
Receptors		
Receptor - Polygon		



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

Date:	2026-03-28	Project #:	24-10265
Scale:	1:30,000	Drawing #:	7.4-4
Drawn By:	M. Partridge		
Checked By:	L. Pomville		



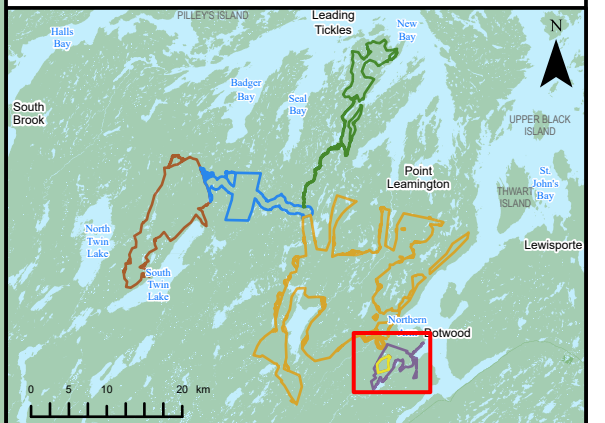


EVREC Green Energy Hub

Operational Noise Modelling of Solar Project & Industrial Facility - Ammonia Storage Purge Gas (Mitigated)



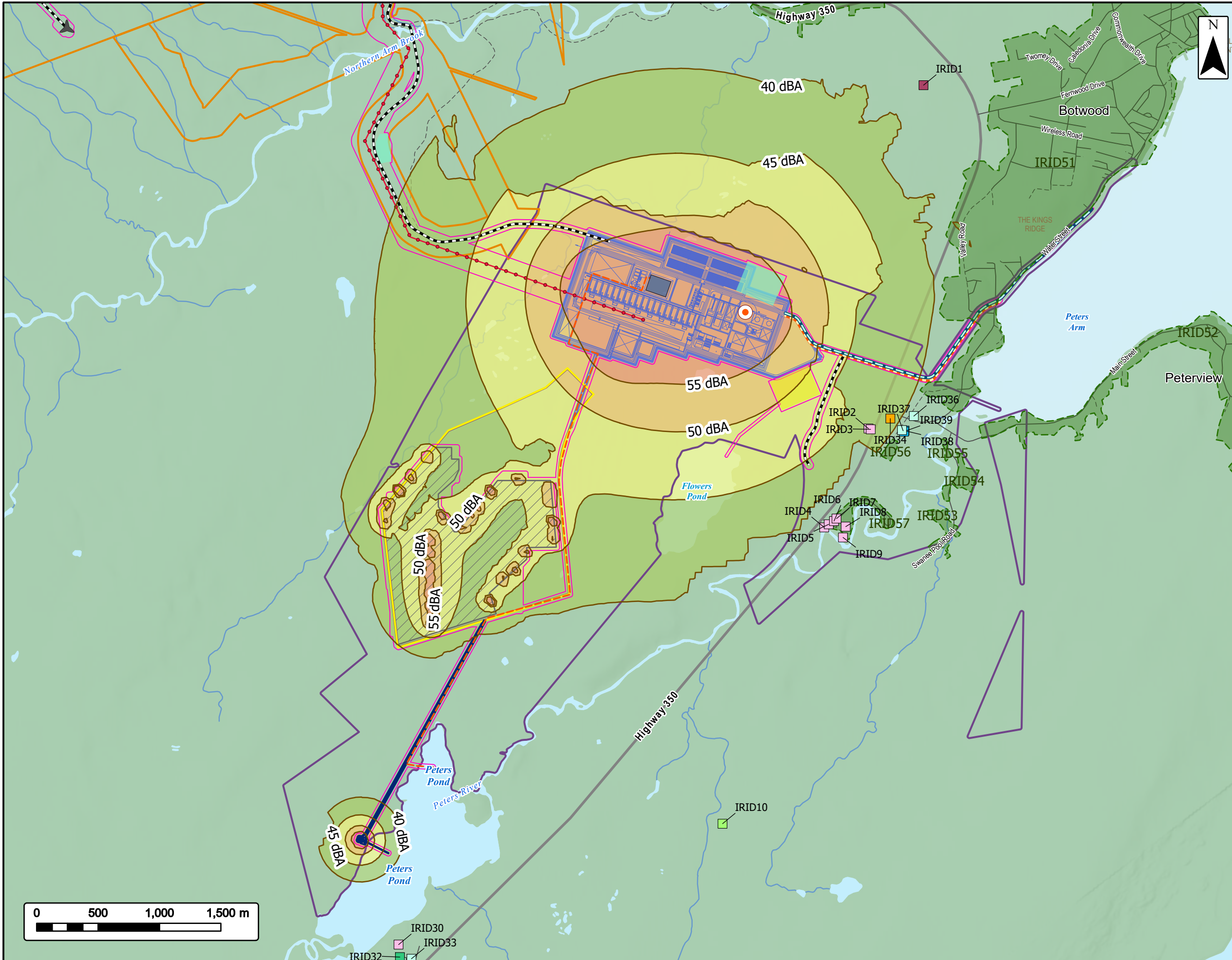
Project Area	Receptors
Industrial Project Area	Receptor - Polygon
Solar Project Area	Receptor - Point
Botwood Wind Project Area	Agricultural
Project Footprint	Commercial
Industrial Facility Infrastructure Area	Institutional
Accommodation	Municipal
Quarry	Residential
Solar Array Area	Secondary
230 kV Transmission Line	Unknown
Project Road	Modelled Noise Contours (dBA)
Haul Road	40 - 45
Plant Site Intake	45 - 50
Water Recycling Line	50 - 55
Ammonia Pipeline	55+
Turbine	Noise Isoleth
Ammonia Storage	Transportation
	Highway
	Road
	Unpaved Road
	Water Features
	Mapped Watercourses
	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:	2026-05-06	Project #:	24-10265
Scale:	1:30,000	Drawing #:	7.4-5
Drawn By:	M. Partridge		
Checked By:	L. Pomerville		



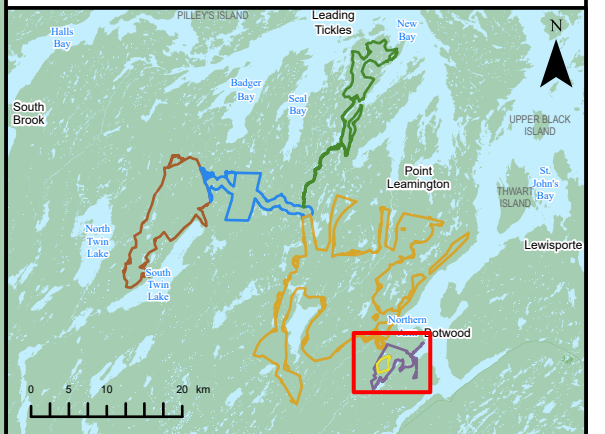


EVREC Green Energy Hub

Operational Noise Modelling of Solar Project & Industrial Facility - Jetty Flare Purge (Mitigated)



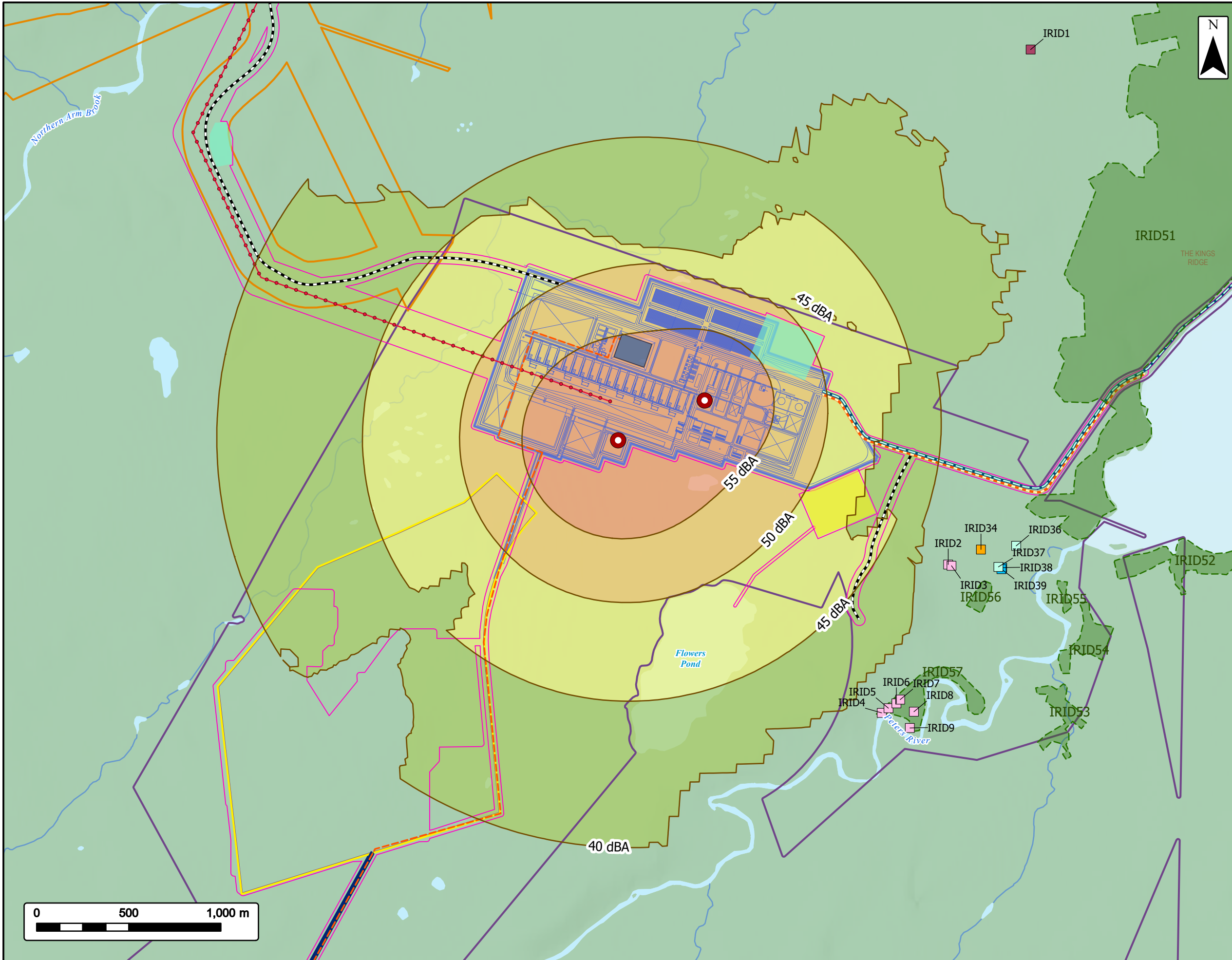
Project Area	Receptors	Receptor - Polygon
Industrial Project Area	Receptor - Polygon	
Solar Project Area	Receptor - Point	
Botwood Wind Project Area	Agricultural	
Project Footprint	Commercial	
Industrial Facility Infrastructure Area	Institutional	
Solar Array Area	Municipal	
Accommodation	Residential	
Quarry	Secondary	
Ammonia Pipeline	Unknown	
230 kV Transmission Line	Modelled Noise Contours (dBA)	
Project Road	40	
Haul Road	45	
Plant Site Intake	50	
Water Recycling Line	55+	
Turbine	Noise Isopleth	
Jetty Flare	Transportation	
	Highway	
	Road	
	Unpaved Road	
	Water Features	
	Mapped Watercourses	
	Mapped Waterbodies	



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

Date:	2026-03-28	Project #:	24-10265
Scale:	1:30,000	Drawing #:	7.4-6
Drawn By:	M. Partridge		
Checked By:	L. Pomerville		





EVREC Green Energy Hub

Operational Noise Modelling of Solar Project & Industrial Facility - Operational Diesel Generators (Mitigated)

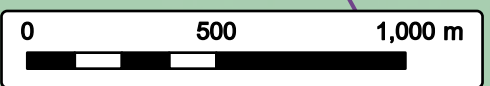
EVREC

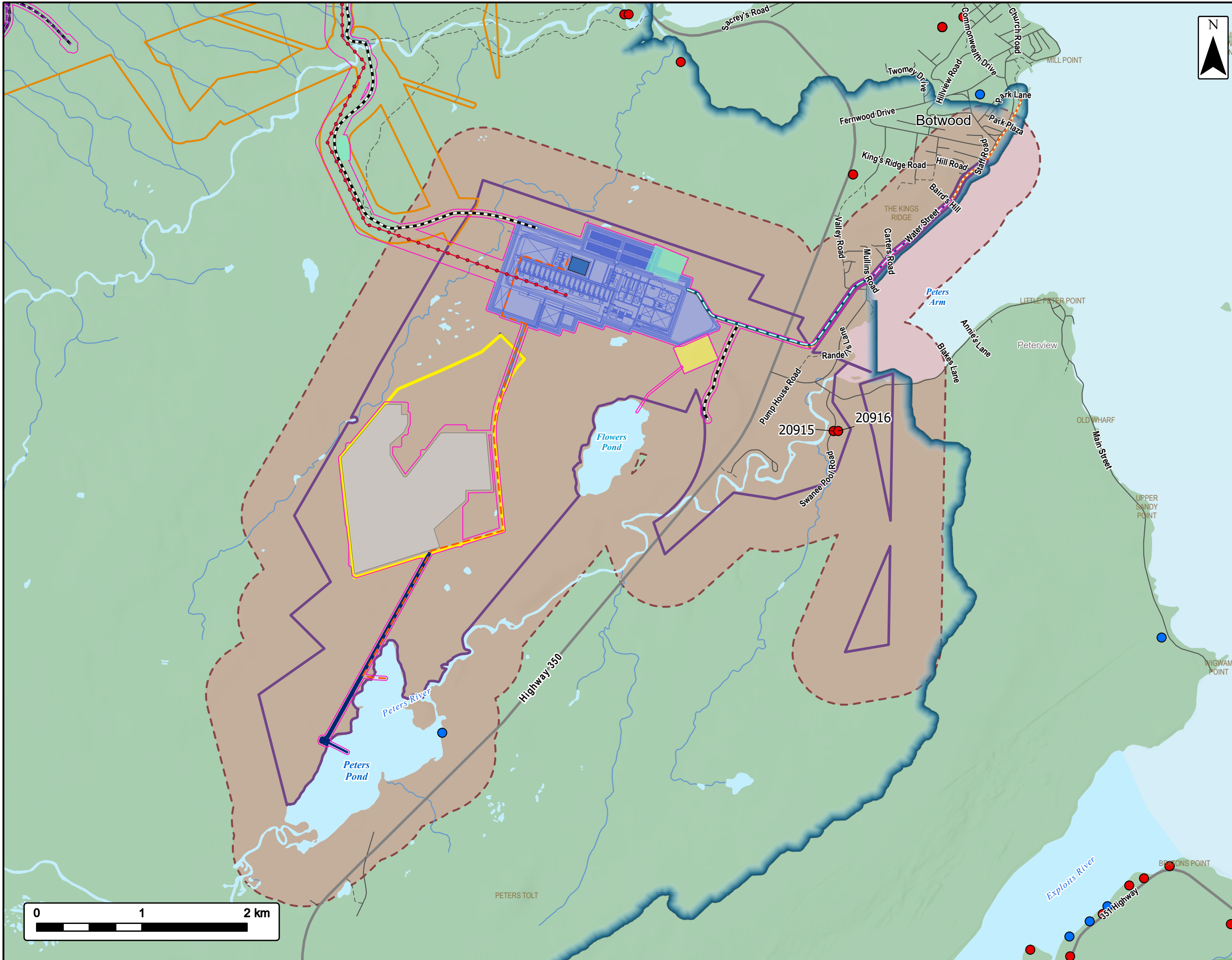
Project Area		Receptors	
Industrial Project Area		Receptor - Polygon	
Solar Project Area		Receptor - Point	
Botwood Wind Project Area		Commercial	
Project Footprint		Institutional	
Industrial Layout		Municipal	
Industrial Facility Infrastructure Area		Residential	
Accommodation		Secondary	
Quarry		Modelled Noise Contours (dBA)	
Plant Site Intake		40 - 45	
230 kV Transmission Line		45 - 50	
Ammonia Pipeline		50 - 55	
Water Recycling Line		55+	
Diesel Generator		Noise Isoleth	
Project Roads		Water Features	
Project Road		Mapped Watercourses	
Haul Road		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: 2026-03-28	Project #: 24-10265
Scale: 1:20,000	Drawing #: 7.4-7
Drawn By: M. Partridge	
Checked By: L. Pomerville	

strum
CONSULTING



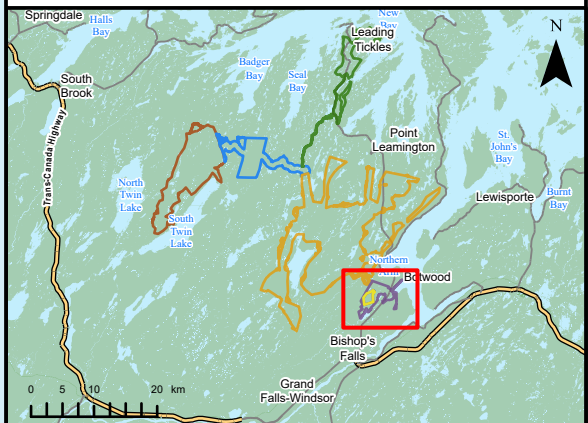


EVREC Green Energy Hub

Groundwater Assessment Area & Water Supply Wells
Industrial & Solar Project Area

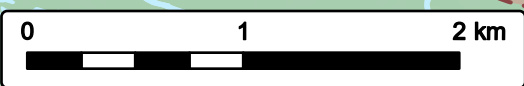


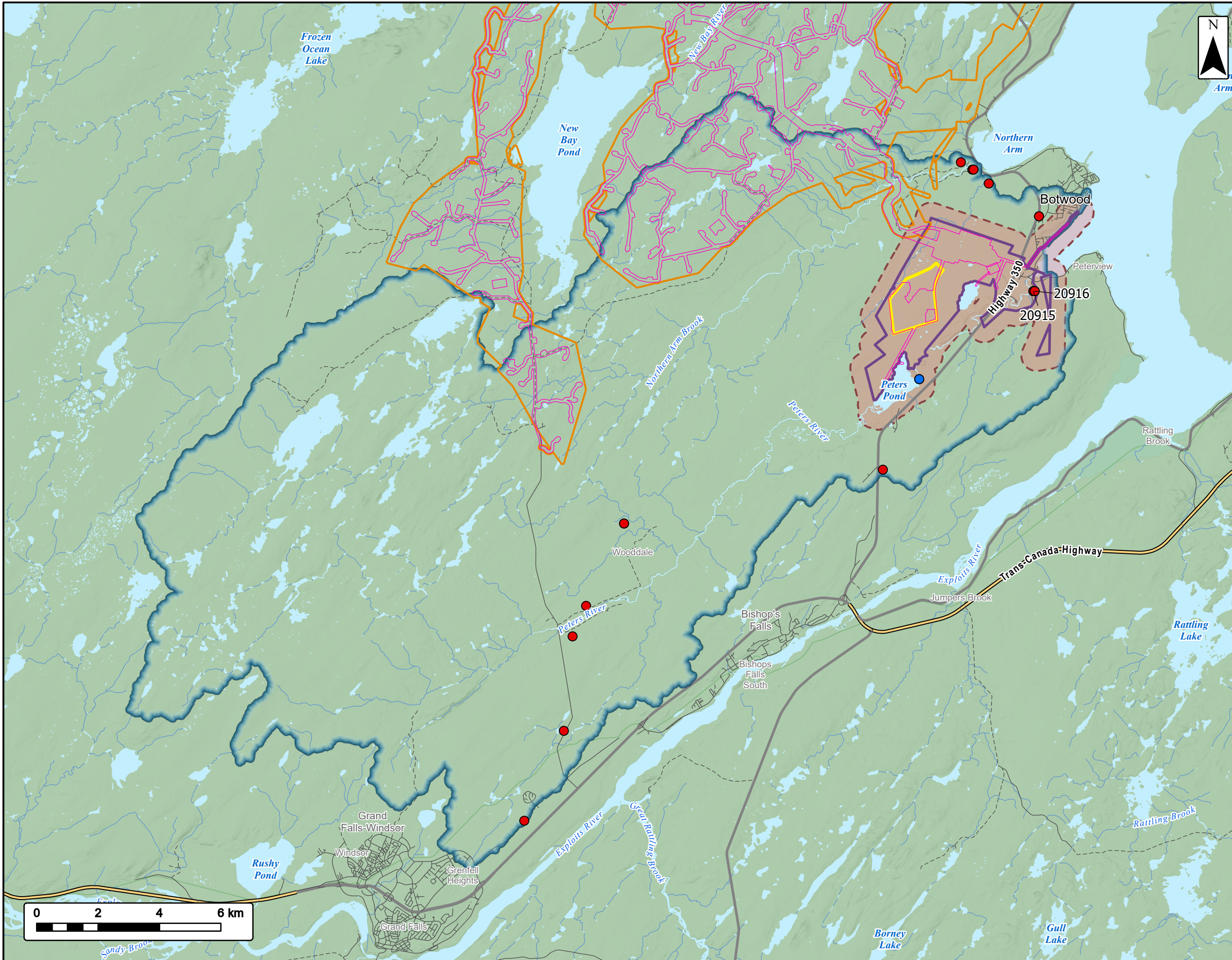
Project Area	Heavy Haul Road	
Industrial Project Area	Plant Site Intake	
Solar Project Area	Ammonia Pipeline	
Botwood Wind Project Area	Groundwater Wells	
Project Footprint	Drilled	
Regional Study Area	Dug	
Local Study Area	Transportation	
Industrial Facility	Highway	
Industrial Facility Infrastructure Area	Road	
Quarry	Unpaved Road	
Solar Array Area	Water Features	
Accommodation	Mapped Watercourses	
Stormwater/effluent Pond	Mapped Waterbodies	
230 kV Transmission Line		
69 kV Collector Line		
Project Road		



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:	1:35,000	Drawing #:	7.5-1
Drawn By:	M. Partridge		
Checked By:	C. Anstey-Moore		



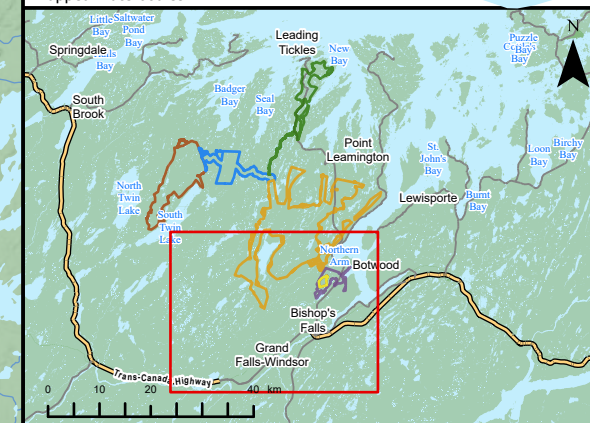


EVREC Green Energy Hub

Groundwater Spatial Boundaries



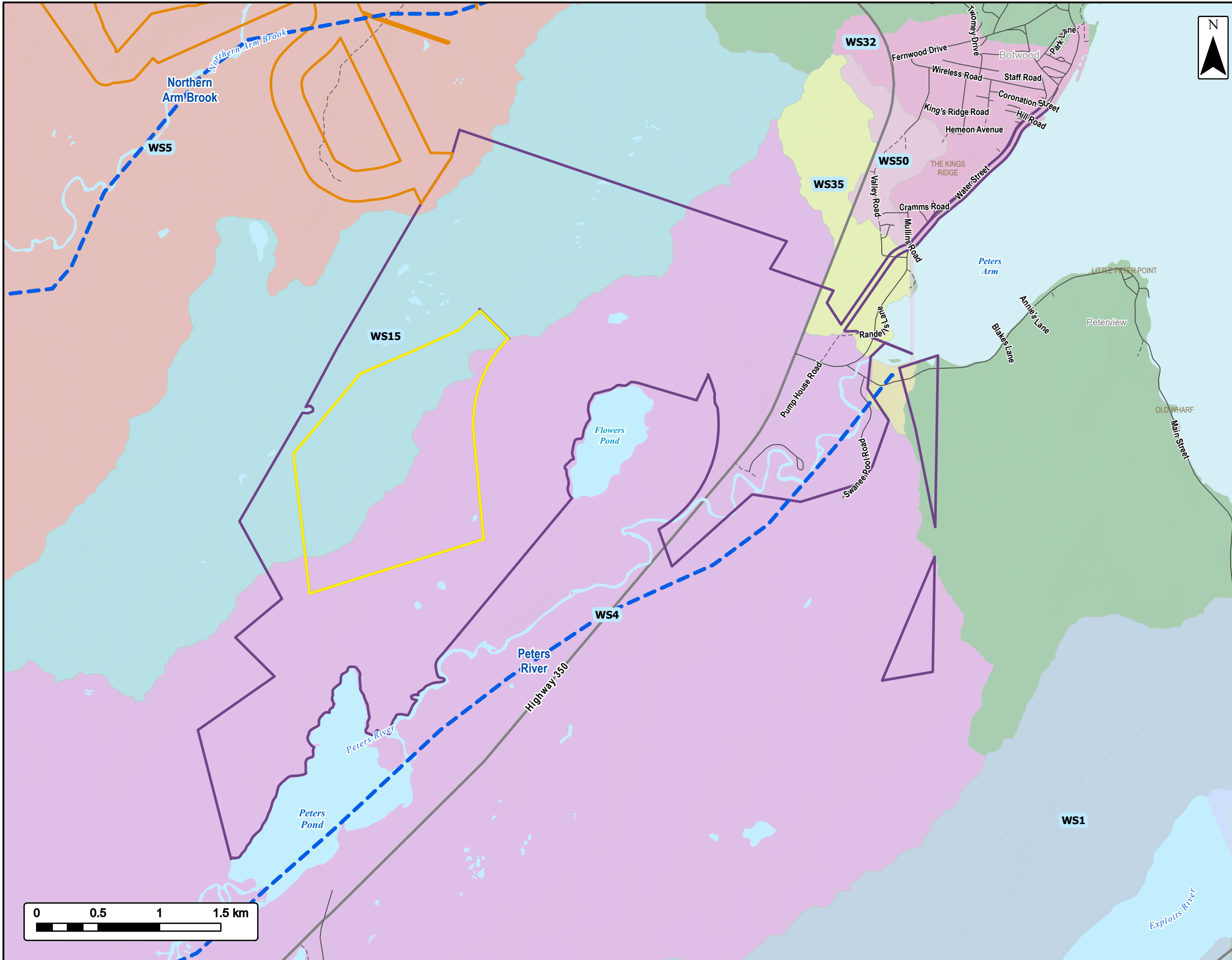
- Project Area**
- Industrial Project Area
 - Solar Project Area
 - Botwood Wind Project Area
 - Project Footprint
 - Regional Study Area
 - Local Study Area
- Groundwater Wells**
- Drilled
 - Dug
- Transportation**
- Trans-Canada Highway
 - Highway
 - Road
 - Unpaved Road
- Water Features**
- Mapped Watercourses
 - 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:	1:120,000	Drawing #:	7.5-2
Drawn By:	K. Wallace		
Checked By:	C. Anstey-Moore		



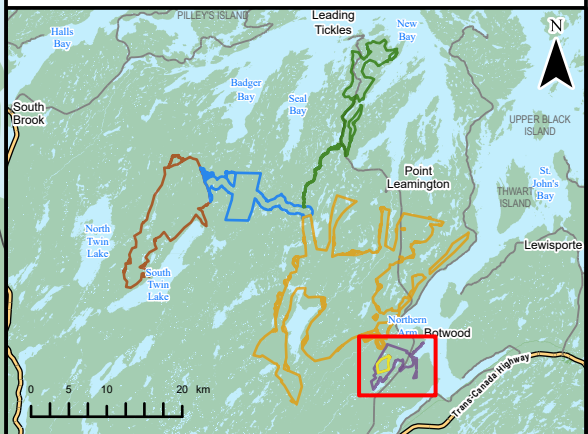


EVREC Green Energy Hub

Watersheds & Scheduled Salmon Rivers
Industrial and Solar Project Areas



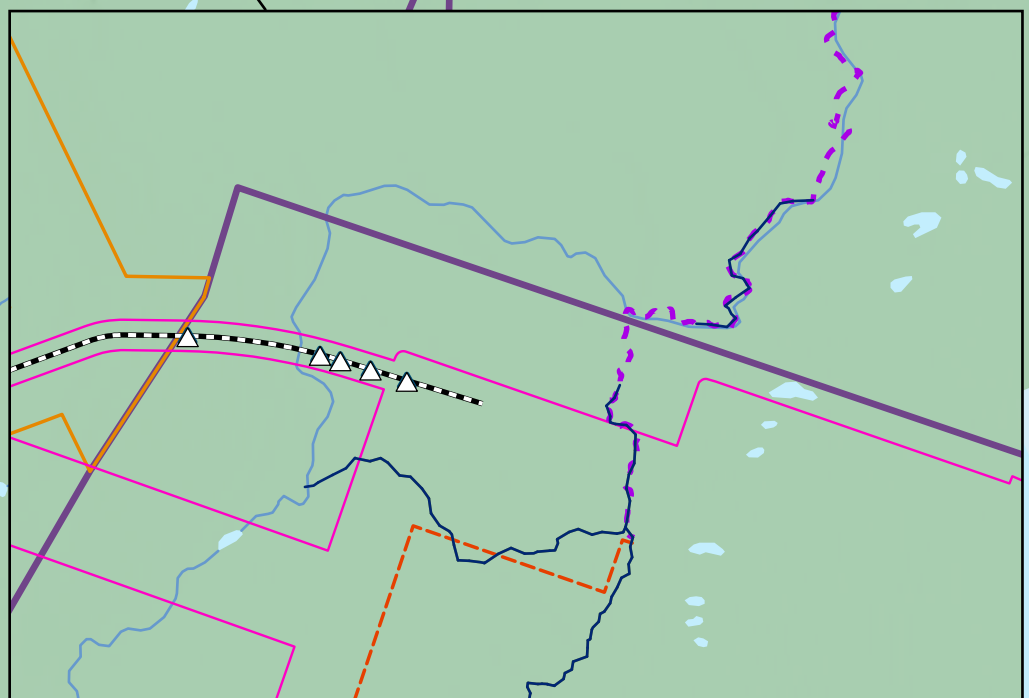
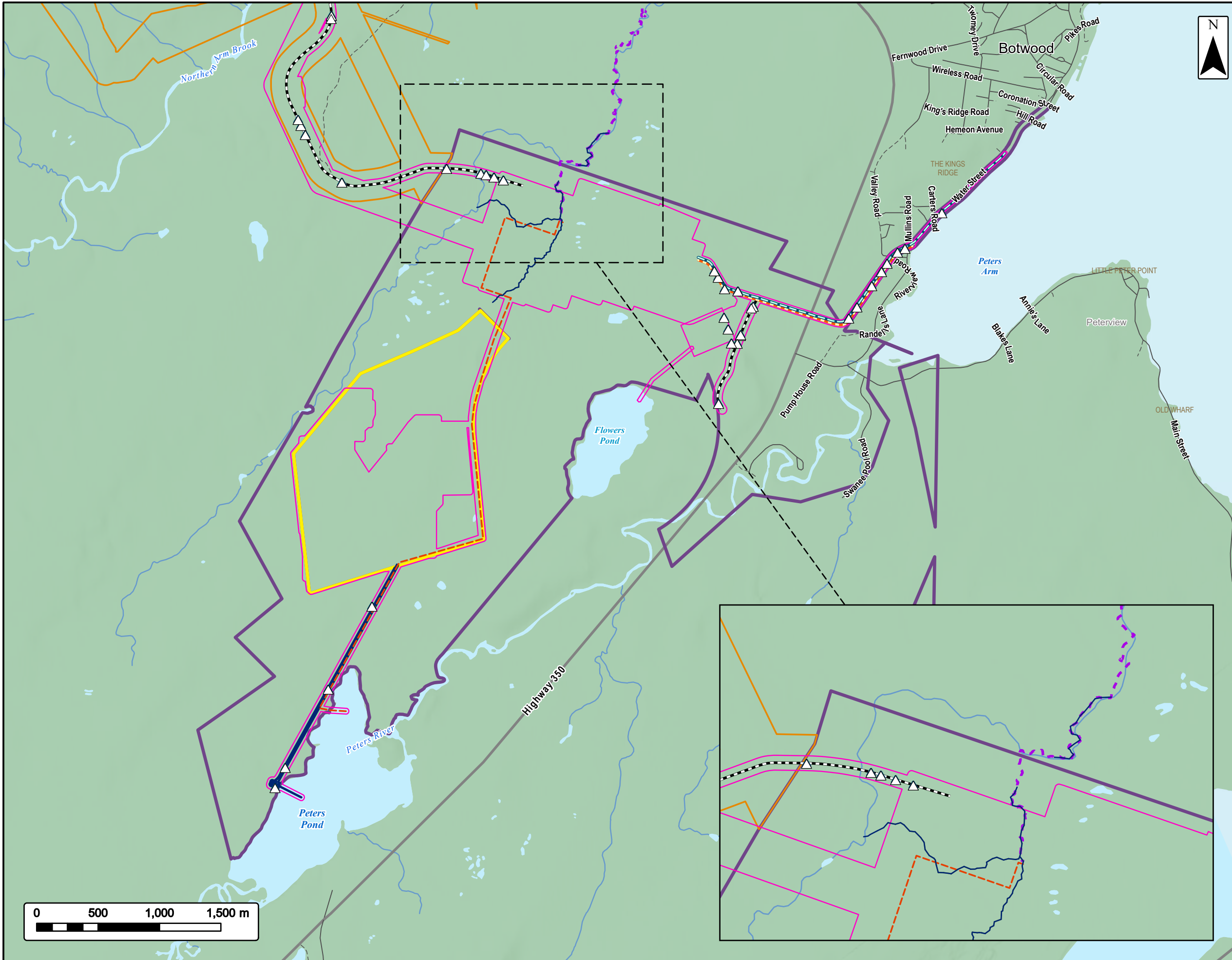
Scheduled Salmon Rivers Intersecting Project Areas (Land Use Atlas)	
	Water Features
	Mapped Waterbodies
Project Area	
	Industrial Project Area
	Solar Project Area
	Botwood Wind Project Area
Watershed	
	WS1
	WS4
	WS5
	WS15
	WS32
	WS35
	WS50
	WS84



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

Date:	2026-03-27	Project #:	24-10265
Scale:	1:30,000	Drawing #:	7.6-1
Drawn By:	B. Spencer		
Checked By:	L. Pominville		



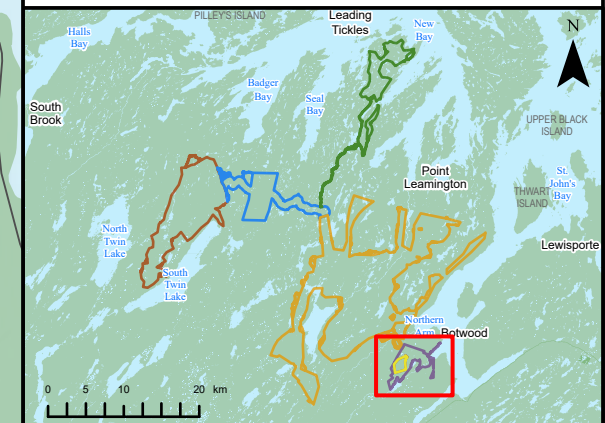


EVREC Green Energy Hub

Aquatics Desktop Methods & Results
Industrial Project Area



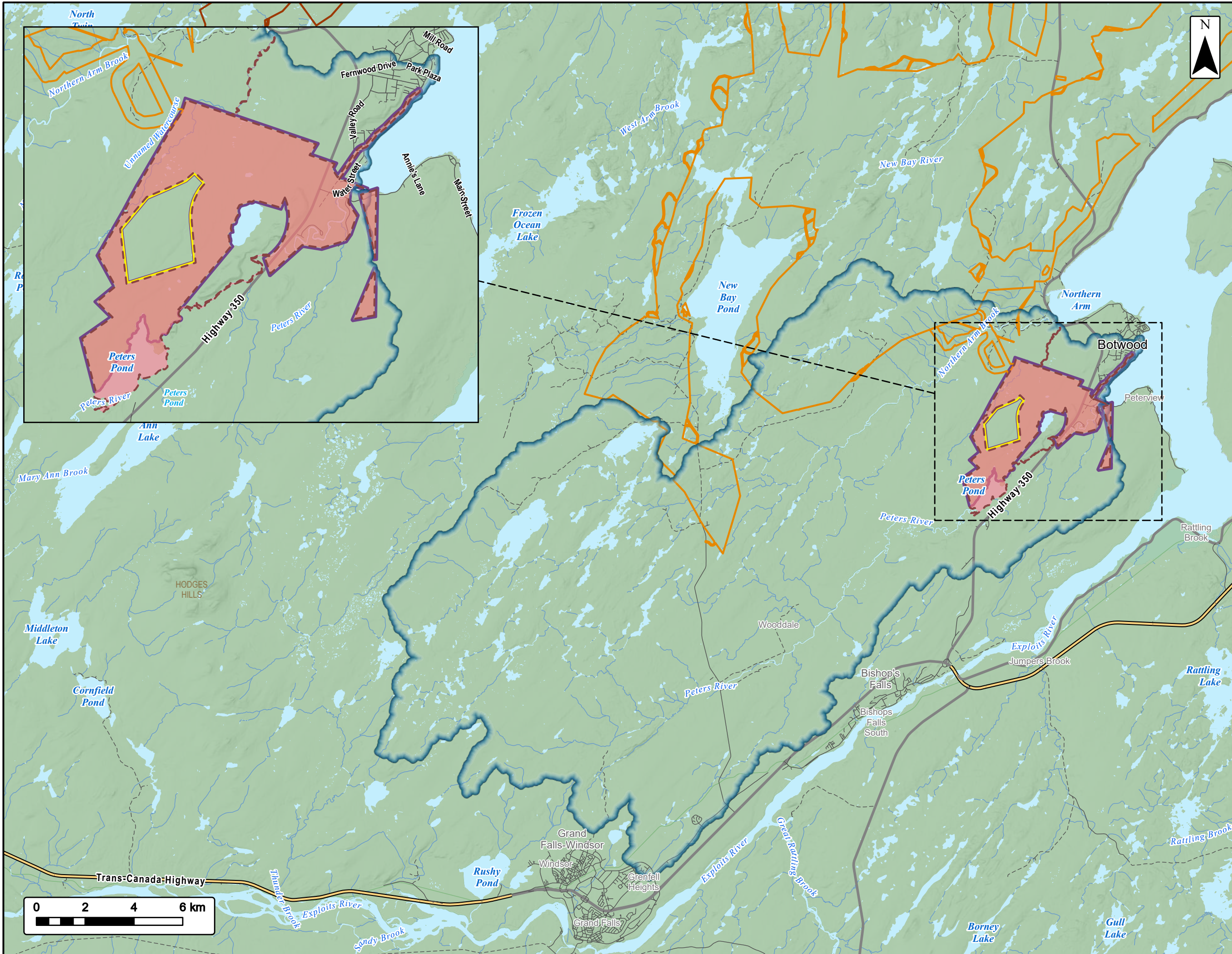
Project Area	
Industrial Project Area	
Solar Project Area	
Botwood Wind Project Area	
Project Footprint	
Project Road	
Haul Road	
Plant Site Intake	
Water Recycling Line	
Ammonia Pipeline	
Discharge Line	
Surveyed Watercourse Transect	
Modelled Watercourse Interaction	
Class - N	
Transportation	
Highway	
Road	
Unpaved Road	
Water Features	
Mapped Watercourses	
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:	2026-05-10	Project #:	24-10265
Scale:	1:30,000	Drawing #:	7.6-2
Drawn By:	M. Partridge		
Checked By:	A. Stoffer		





EVREC Green Energy Hub

Aquatic Spatial Boundaries
Industrial Project Area



Project Area

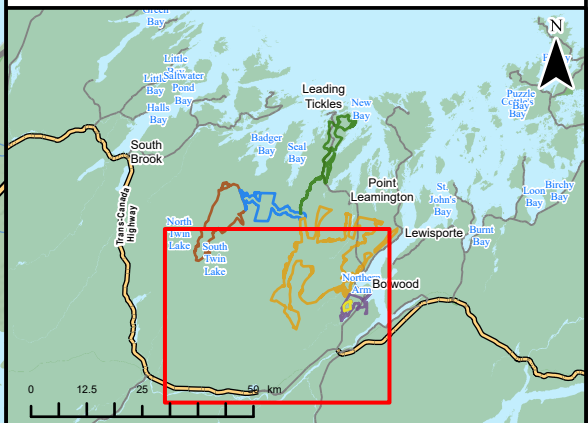
- Industrial Project Area
- Solar Project Area
- Botwood Wind Project Area
- Twin Lakes Wind Project Area
- Regional Study Area
- Local Study Area

Transportation

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

Water Features

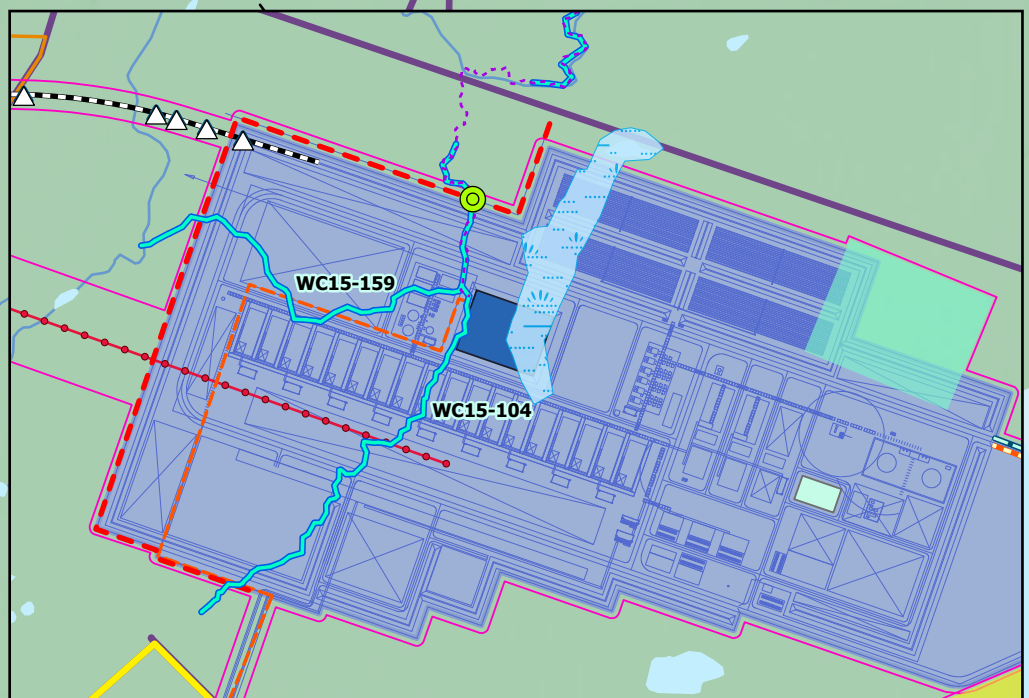
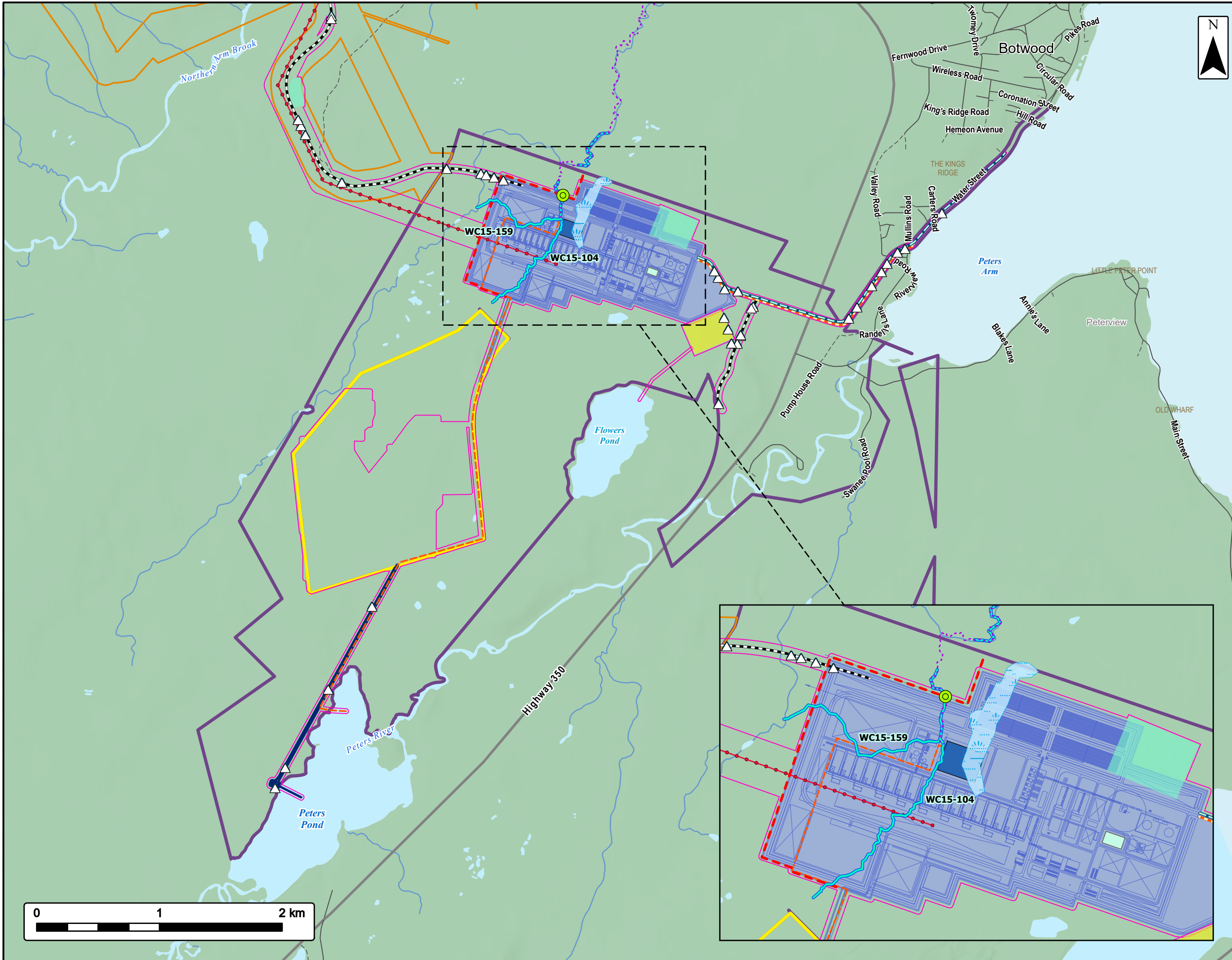
- Mapped Watercourses
- Mapped Waterbodies



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

Date:	2026-03-28	Project #:	24-10265
Scale:	1:150,000	Drawing #:	7.6-3
Drawn By:	M. Partridge		
Checked By:	A. Stoffer		





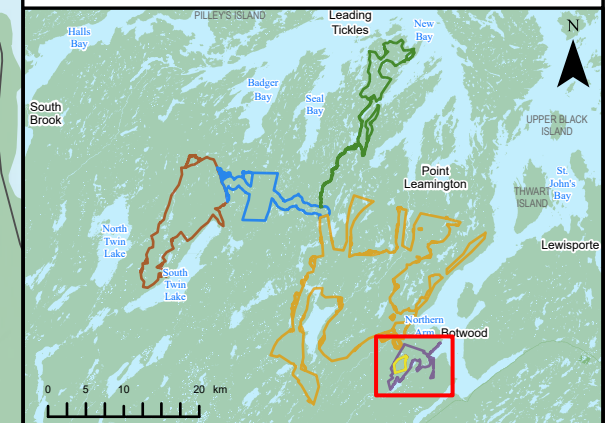
EVREC Green Energy Hub

Aquatics Effects
Industrial Project Area



Project Area	Water Recycling Line	--- (dashed red)
Industrial Project Area	Discharge Line	--- (dashed purple)
Solar Project Area	Ammonia & Vapour Return Pipeline	--- (dashed blue)
Botwood Wind Project Area	Discharge Point	● (yellow circle)
Project Footprint	Modelled Watercourse Interaction	
Project Infrastructure	Class - N	△ (triangle)
Industrial Facility Infrastructure Area	Water Desktop and Field Surveys	
Quarry	Detailed Habitat	--- (solid blue)
Accommodation	Wetland Mosaic A	--- (solid light blue)
Stormwater / Effluent Pond	Transportation	
Evaporation Pond	Highway	--- (solid grey)
230 kV Transmission Line	Road	--- (solid black)
Project Road	Unpaved Road	--- (dashed black)
Heavy Haul Road	Water Features	
Stream Reroute Ditching	Mapped Watercourses	--- (solid blue)
Plant Site Intake	Mapped Waterbodies	--- (solid light blue)

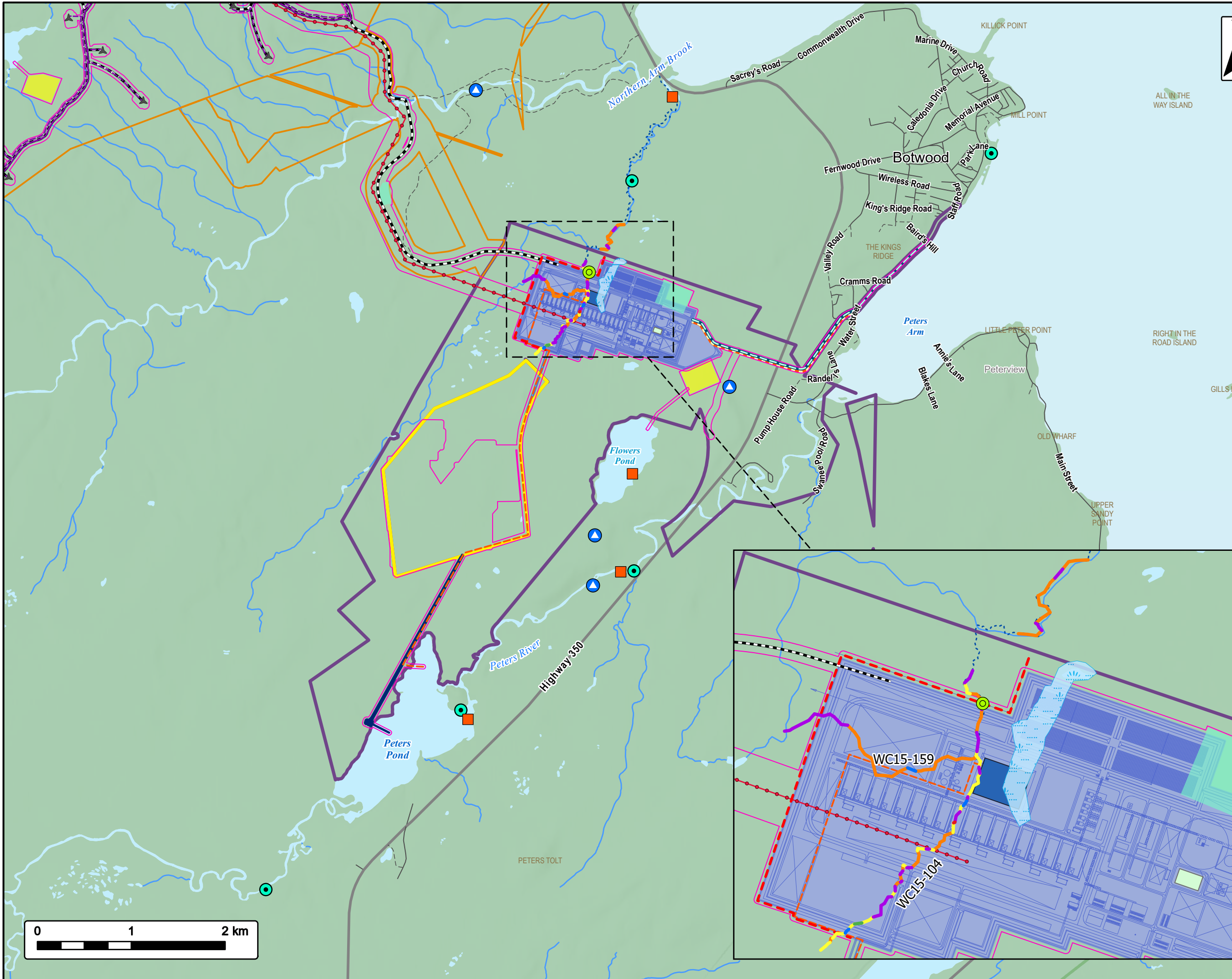
NOTE:
Modelled watercourses under the Project Footprint were field verified and do not exist.



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

Date:	2026-05-10	Project #:	24-10265
Scale:	1:30,000	Drawing #:	7.6-4
Drawn By:	M. Partridge		
Checked By:	A. Stoffer		



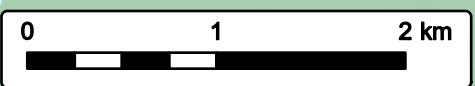
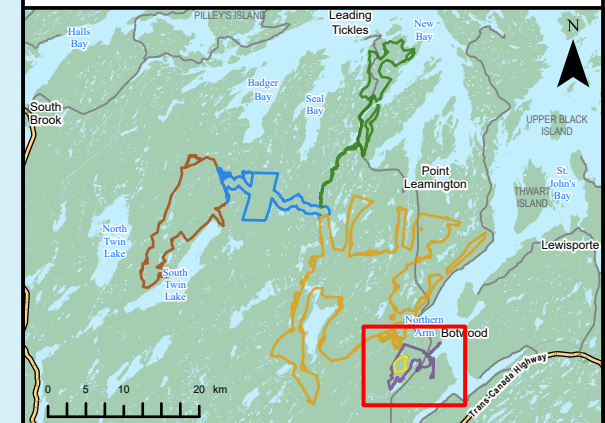


EVREC Green Energy Hub

Aquatics Field Methods & Results
Industrial Project Area



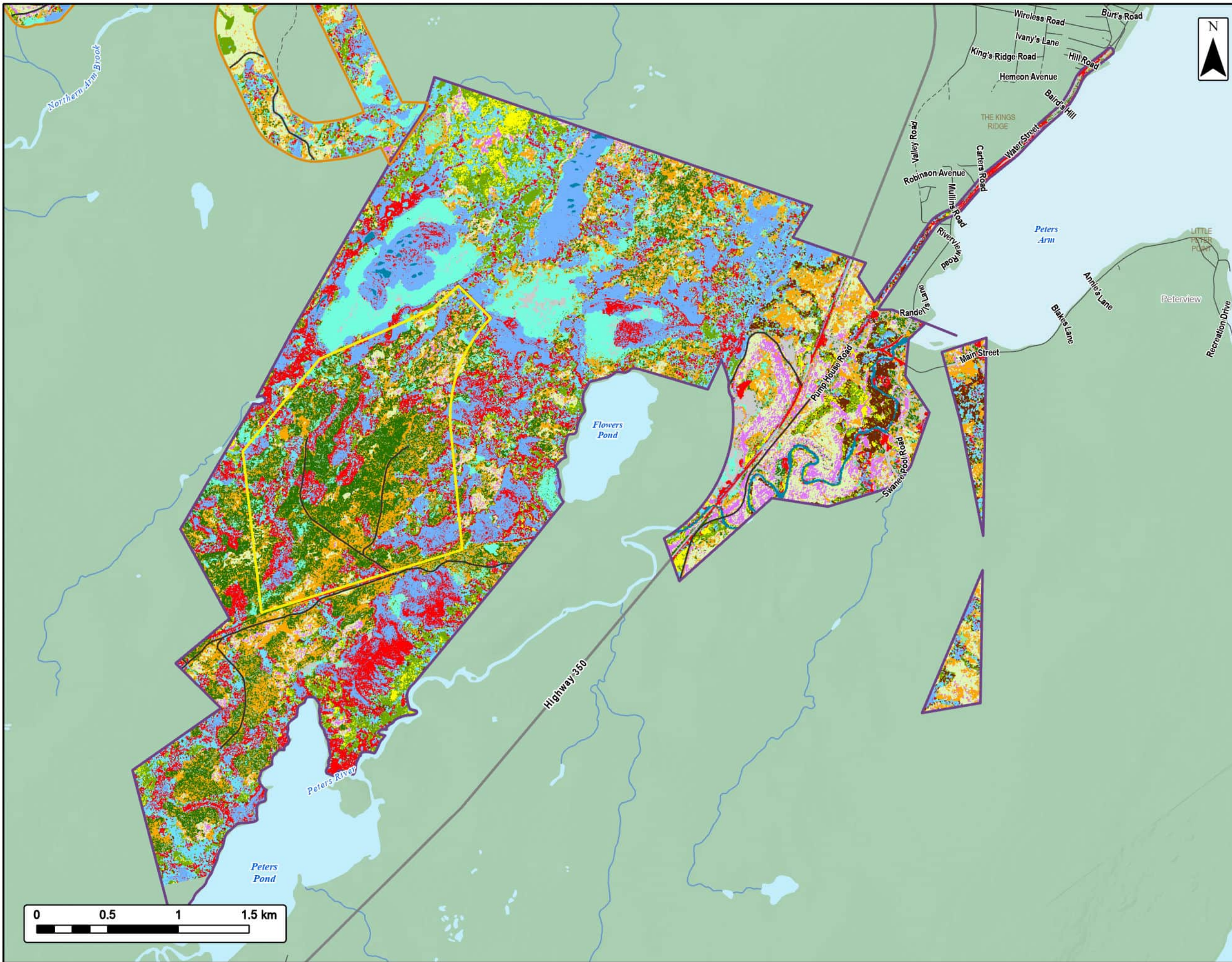
Project Area		Field Surveys	
Industrial Project Area		Watercourse Crossing	
Solar Project Area		Assessment Location	
Botwood Wind Project Area		Fish Trapping Survey Location	
Project Footprint		Water Quality Monitoring Stations	
Project Infrastructure		Detailed Habitat	
Industrial Facility Infrastructure Area		Cascade	
Quarry		Flat	
Accommodation		Pool	
Evaporation Pond		Riffle	
230 kV Transmission Line		Riffle-run	
69 kV Collector Line		Run	
Project Road		Wetland Mosaic A	
Turbine		Transportation	
Heavy Haul Road		Highway	
Ditch		Road	
Plant Site Intake		Unpaved Road	
Water Recycling Line		Water Features	
Ammonia & Vapour Return Pipeline		Mapped Watercourses	
Discharge Line		Mapped Waterbodies	
Release Point			



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

Date:	2026-05-10	Project #:	24-10265
Scale:	1:40,000	Drawing #:	7.7-1
Drawn By:	M. Partridge		
Checked By:	A. Stoffer		

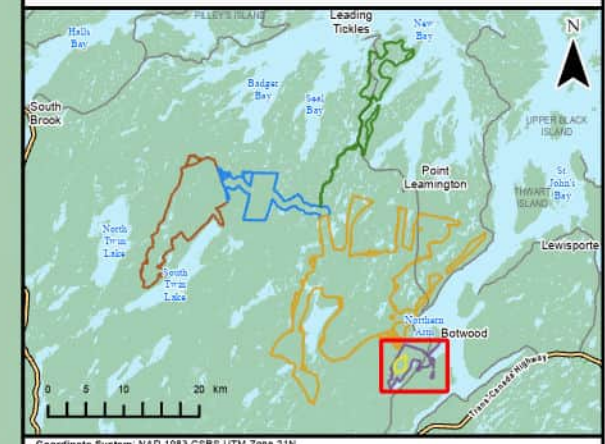




EVREC Green Energy Hub
 Industrial Facility & Solar Project Area
 LIDAR Derived Ecological Land Classification

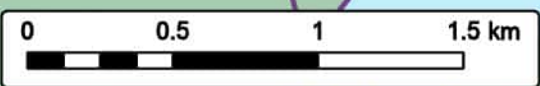


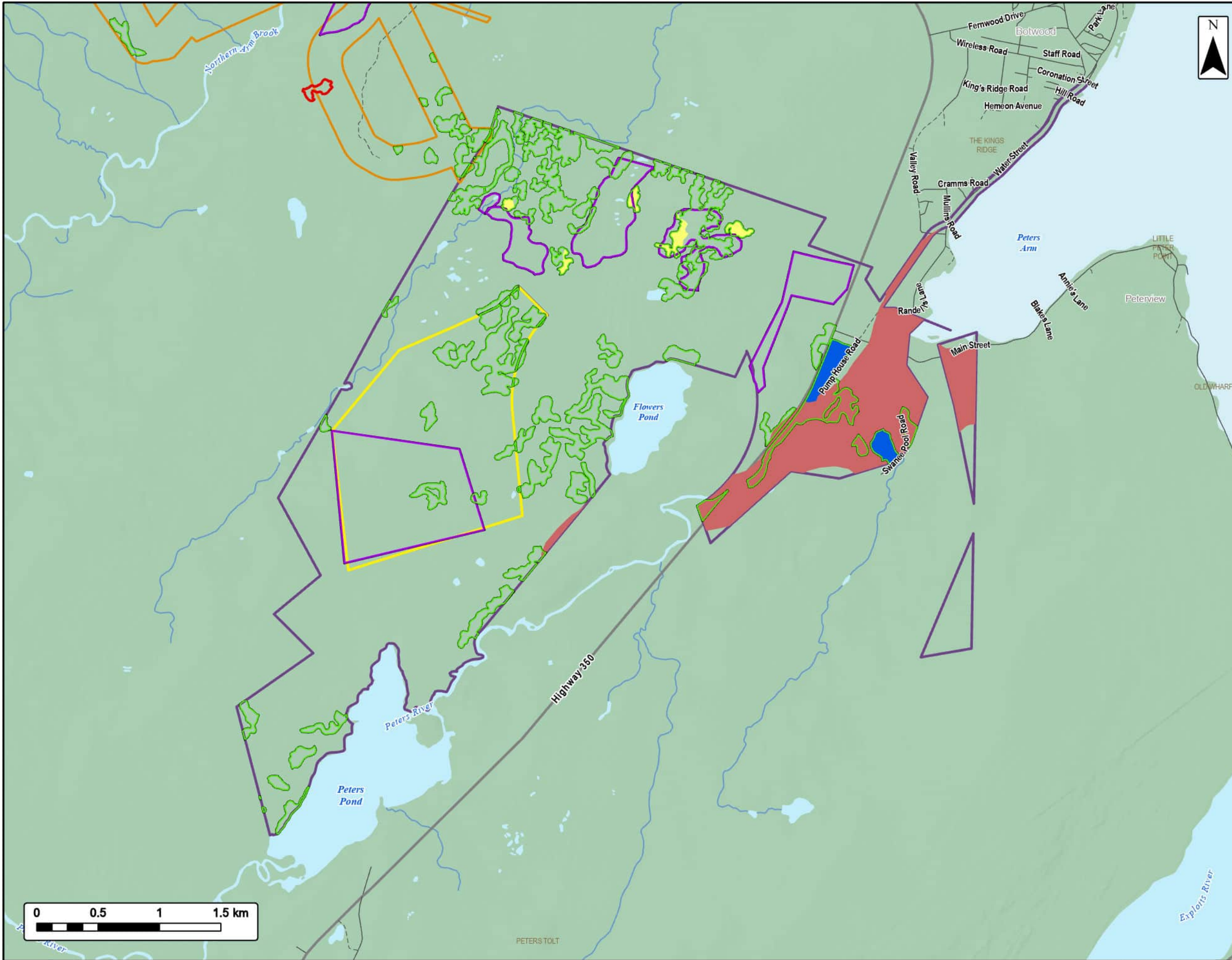
Project Area	LIDAR Derived Ecological Land Classification
Industrial Project Area	Road
Solar Project Area	Barren
Botwood Wind Project Area	Bog
Transportation	Hardwood Forest
Highway	Herbaceous/Shrub Barren
Road	Raised/Isolated Wet Area
Unpaved Road	Shrub
Water Features	Softwood Forest
Mapped Watercourses	Water
Mapped Waterbodies	Wet Hardwood Forest
	Wet Herbaceous/Shrub
	Wet Mixedwood
	Wet Shrub
	Wet Softwood Forest



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

Date: 2026-03-30	Project #: 24-10265
Scale: 1:26,000	Drawing #: 7.8-1
Drawn By: M. Partridge	
Checked By: E. Davis	



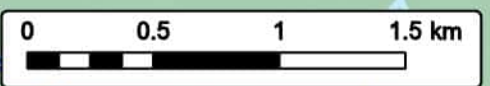
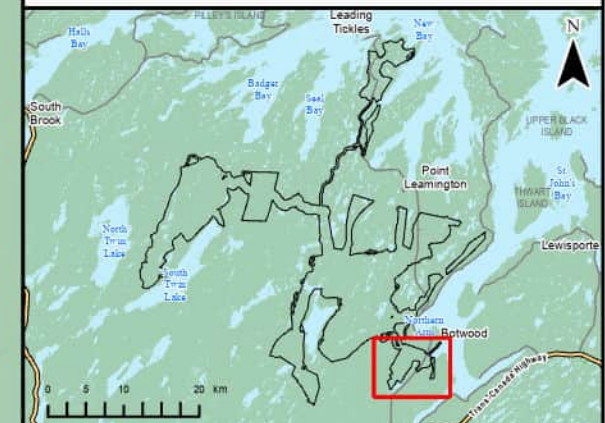


EVREC Green Energy Hub

Industrial Facility & Solar Project Area
Flora Desktop Results



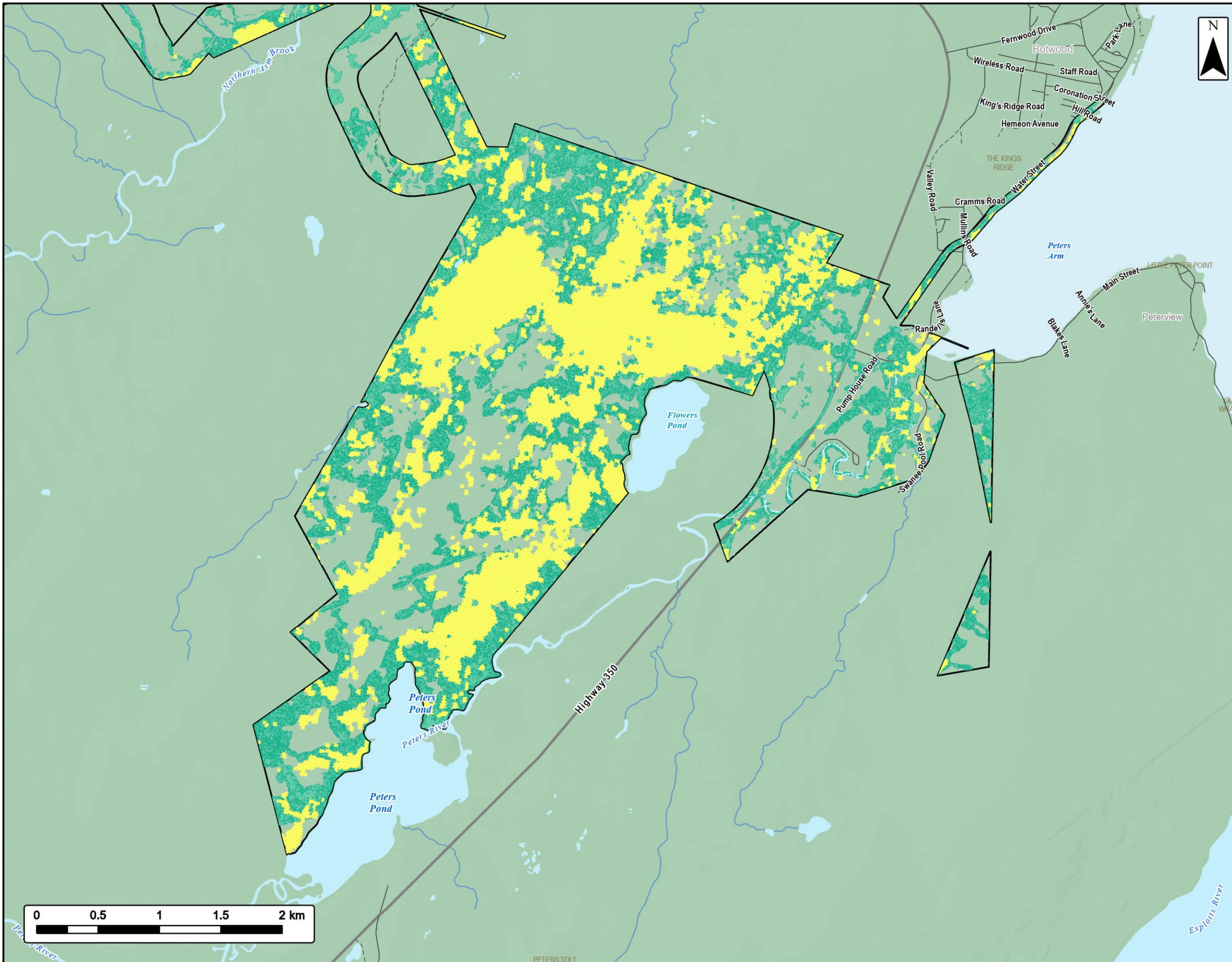
Project Area	Transportation	Water Features
Industrial Project Area	Highway	Mapped Watercourses
Solar Project Area	Road	Mapped Waterbodies
Botwood Wind Project Area	Unpaved Road	
Potential Rare Flora Habitat		
Old Growth / Late-successional Forest		
FRI Red Pine Stands		
Predicted Boreal Felt Lichen Habitat		
Predicted Bue Felt Lichen Habitat		
Predicted Red Pine Habitat		



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

Date: 2026-03-27	Project #: 24-10265
Scale: 1:30,000	Drawing #: 7.8-2
Drawn By: M. Partridge	
Checked By: E. Davis	





EVREC Green Energy Hub
Desktop Wetland Results - IPA & SPA

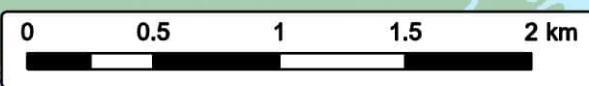


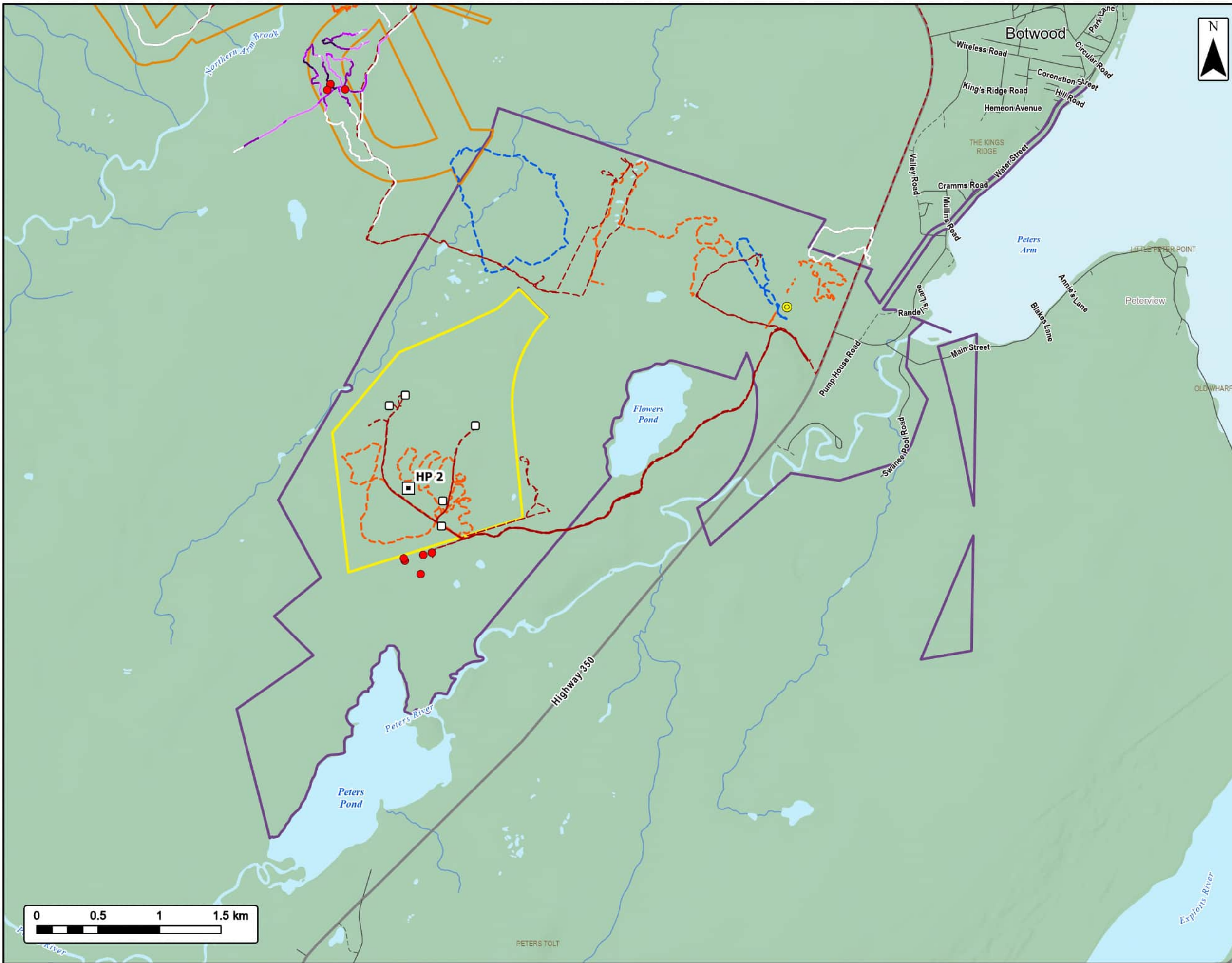
Project Area	
Mapped Wetland (CNWI)	
Modelled Wet Area	
Transportation	
Highway	
Road	
Unpaved Road	
Water Features	
Mapped Watercourses	
Mapped Waterbodies	



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

Date:	2026-03-27	Project #:	24-10265
Scale:	1:30,000	Drawing #:	7.8-3
Drawn By:	E. Johnson		
Checked By:	E. Davis		





EVREC Green Energy Hub

Industrial Facility & Solar Project Area
Flora Field Results



EVREC

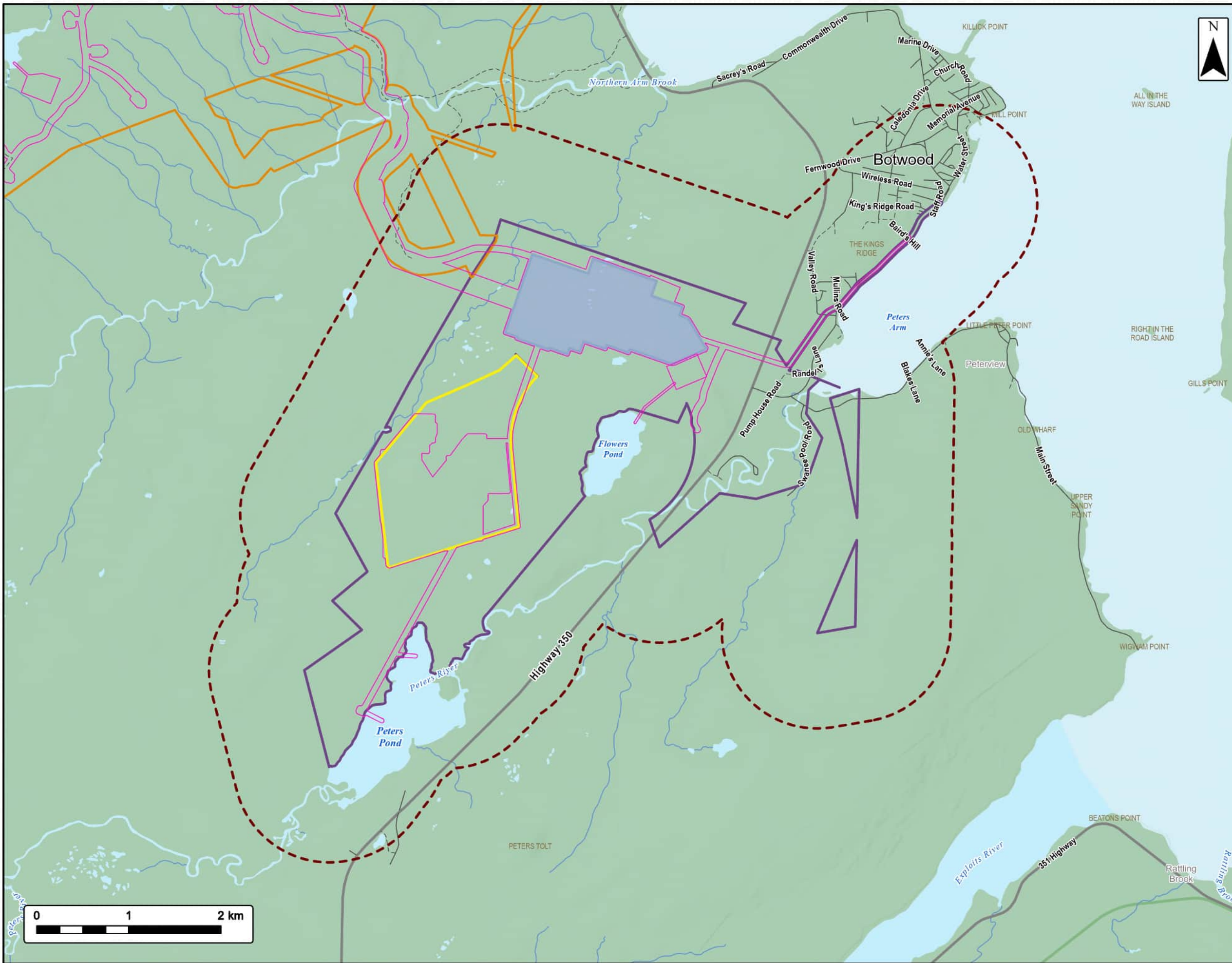
Project Area		Forest Composition Survey Tracks	
Industrial Project Area		No Red Pine	
Solar Project Area		1-25% Red Pine	
Botwood Wind Project Area		26-50% Red Pine	
Vegetation Survey Points		50%-75% Red Pine	
Representative Vegetation Points		75%-100% Red Pine	
Red Pine Observations		Transportation	
Vascular Plant SAR/SOCC		Highway	
Shinleaf		Road	
Vegetation Survey Tracks		Unpaved Road	
Lichen Survey Tracks		Water Features	
Red Pine Incidental Survey Tracks		Mapped Watercourses	
		Mapped Waterbodies	



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

Date:	2026-03-27	Project #:	24-10265
Scale:	1:30,000	Drawing #:	7.8-4
Drawn By:	M. Partridge		
Checked By:	E. Davis		



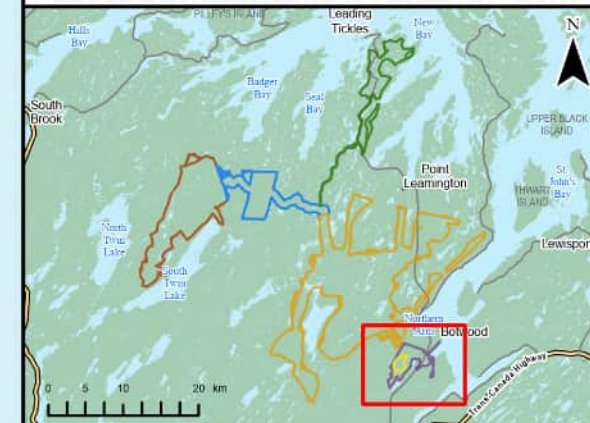


EVREC Green Energy Hub

Industrial Facility
Flora Spatial Boundary



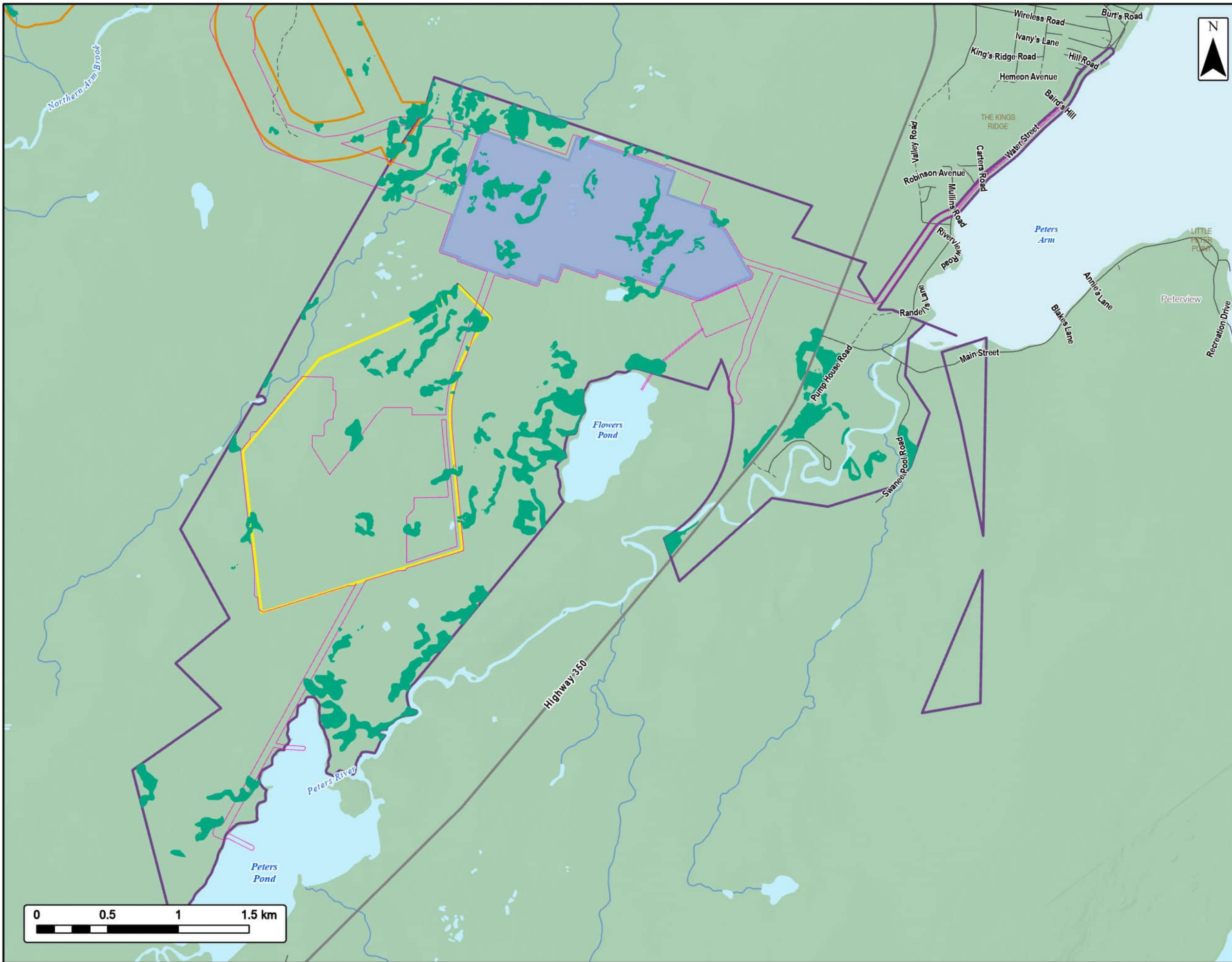
Project Area	
Industrial Project Area	
Solar Project Area	
Botwood Wind Project Area	
Project Footprint	
Industrial Facility Infrastructure Area	
Local Study Area	
Transportation	
Highway	
Road	
Unpaved Road	
Water Features	
Mapped Watercourses	
Mapped Waterbodies	



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

Date: 2026-03-27	Project #: 24-10265
Scale: 1:40,000	Drawing #: 7.8-5
Drawn By: M. Partridge	
Checked By: E. Davis	





EVREC Green Energy Hub

Industrial Facility & Solar Project Area
Potential Sensitive Flora Habitat



EVREC

Project Area

- Industrial Project Area
- Solar Project Area
- Botwood Wind Project Area
- Project Footprint
- Industrial Facility Infrastructure Area

Potential Sensitive Flora Habitat

- Mature Forest along Drainage Water and/or Floodplain

Transportation

- Highway
- Road
- Unpaved Road

Water Features

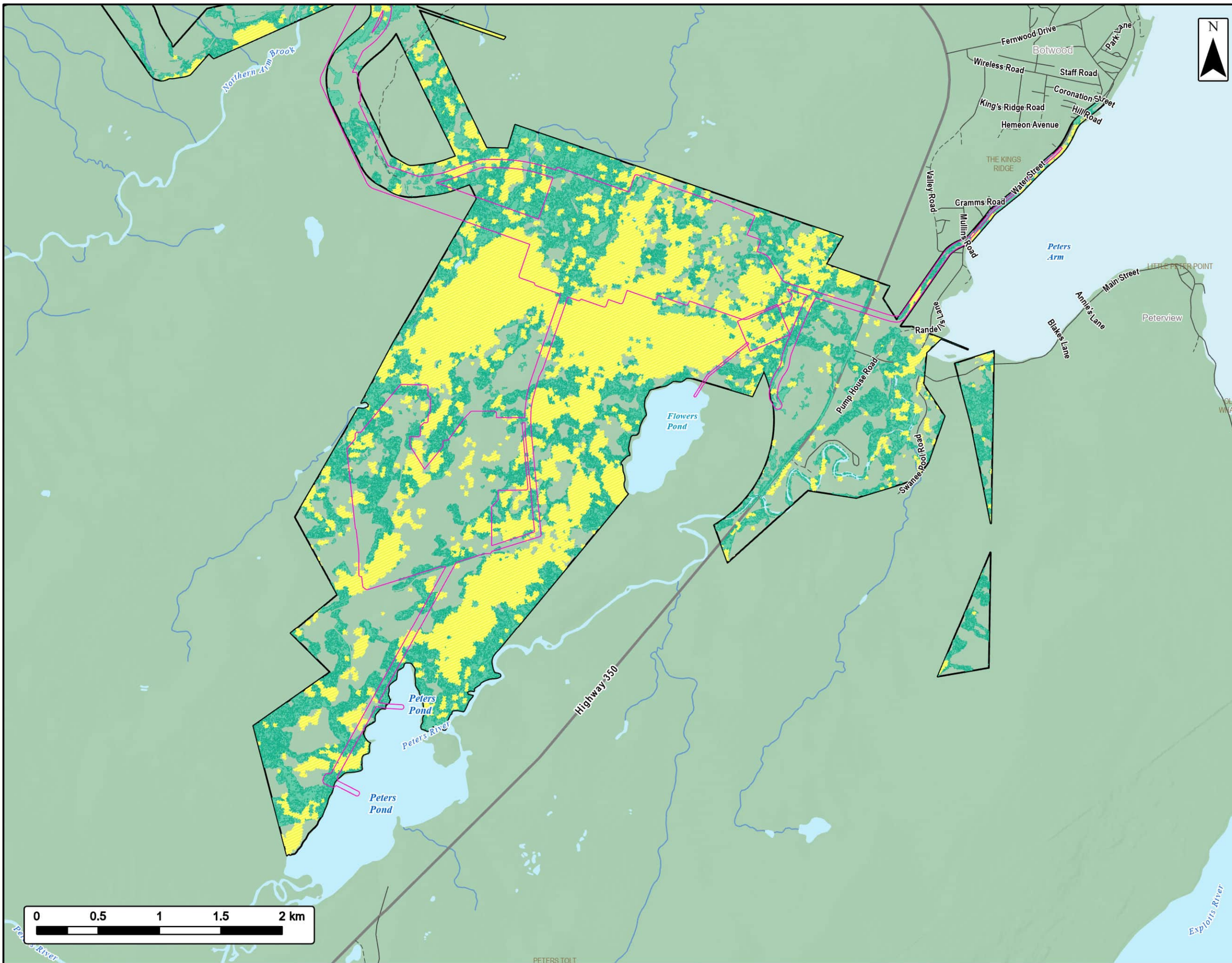
- Mapped Watercourses
- Mapped Waterbodies



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

Date:	2026-03-30	Project #:	24-10265
Scale:	1:26,000	Drawing #:	7.8-6
Drawn By:	M. Partridge		
Checked By:	L. Pominville		





EVREC Green Energy Hub

Wetland Effects - IPA & SPA



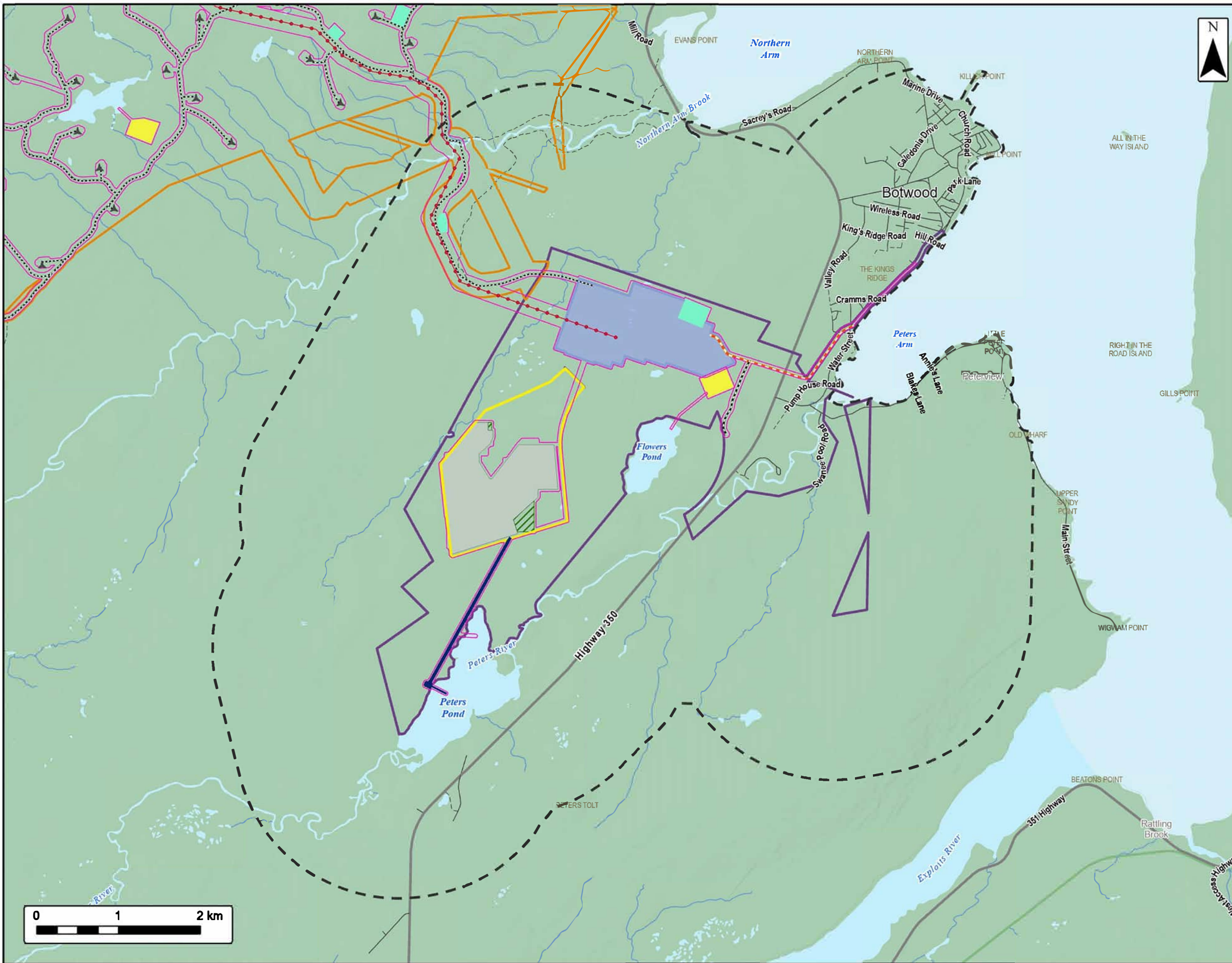
Project Area	
Project Footprint	
Mapped Wetland (CNWI)	
Modelled Wet Area	
Transportation	
Highway	
Road	
Unpaved Road	
Water Features	
Mapped Watercourses	
Mapped Waterbodies	



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

Date:	2026-03-27	Project #:	24-10265
Scale:	1:30,000	Drawing #:	7.8-7
Drawn By:	E. Johnson		
Checked By:	E. Davis		



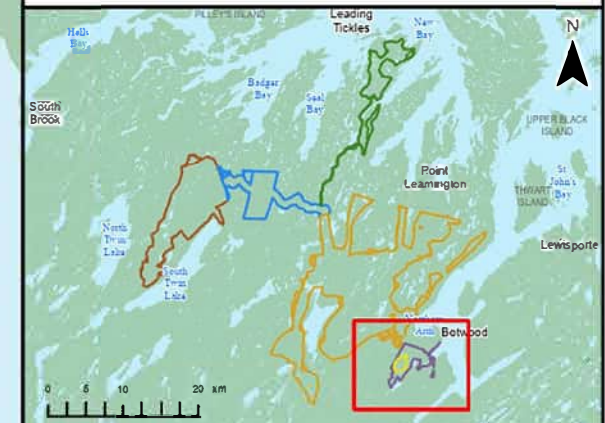


EVREC Green Energy Hub

Industrial & Solar Project Areas
Fauna Spatial Boundary



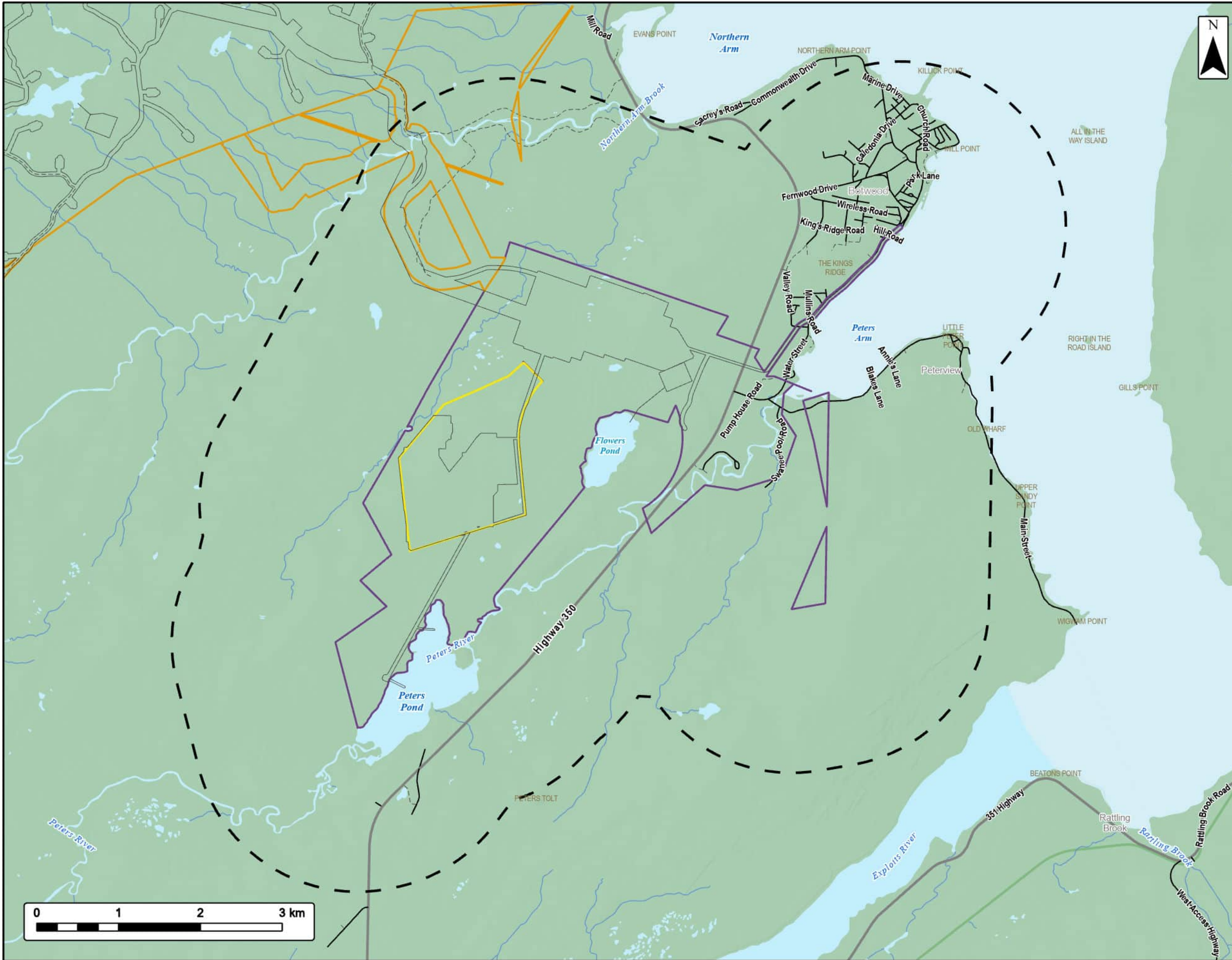
Project Area	Quarry	
Industrial Project Area	Solar Layout	
Solar Project Area	Auxiliary Area	
Botwood Wind Project Area	Solar Array Area	
Project Footprint	Transportation	
Local Study Area	Highway	
	Road	
Wind Project Infrastructure	Unpaved Road	
Turbine	Water Features	
230 kV Transmission Line	Mapped Watercourses	
Project Road	Mapped Waterbodies	
Industrial Layout		
Heavy Haul Road		
Plant Site Intake		
Industrial Facility Infrastructure Area		
Accommodation		



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

Date:	2026-03-27	Project #:	24-10265
Scale:	1:45,000	Drawing #:	7.9-1
Drawn By:	M. Partridge		
Checked By:	E. Posluns		





EVREC Green Energy Hub
Avifauna Spatial Boundary - Industrial Project Area



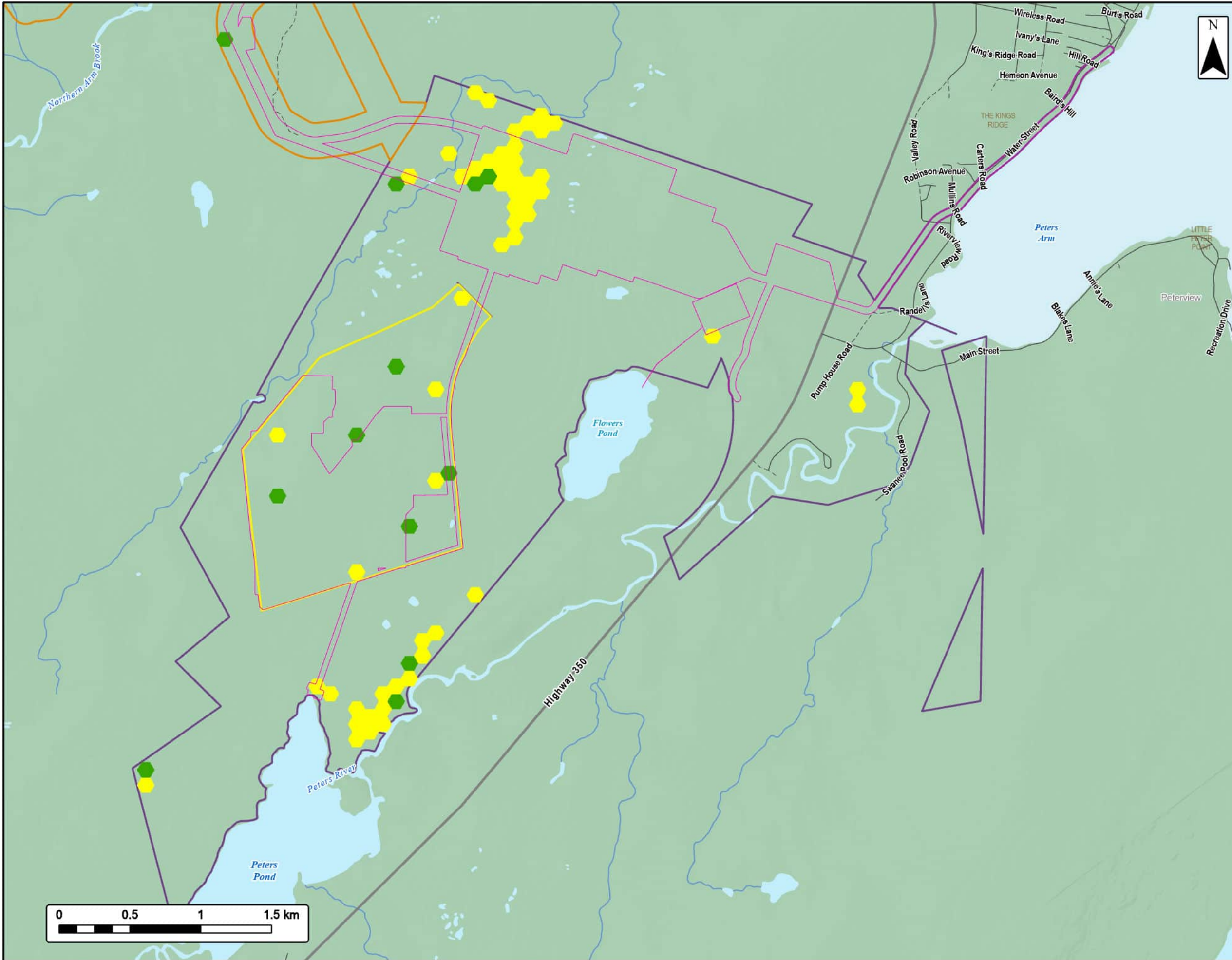
Project Area	
Industrial Project Area	
Solar Project Area	
Botwood Wind Project Area	
Project Footprint	
Local Study Area (2 km)	
Transportation	
Highway	
Road	
Unpaved Road	
Water Features	
Mapped Watercourses	
Mapped Waterbodies	



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

Date:	2026-03-30	Project #:	24-10265
Scale:	1:45,000	Drawing #:	7.10-1
Drawn By:	K. Wallace		
Checked By:	J. Lohnes		





EVREC Green Energy Hub
 Industrial Facility & Solar Project Area
 Avian SAR Potential Habitat Modelling - Rusty Blackbird



Project Area

- Industrial Project Area
- Solar Project Area
- Botwood Wind Project Area
- Project Footprint (May 2025)

Rusty Blackbird Habitat

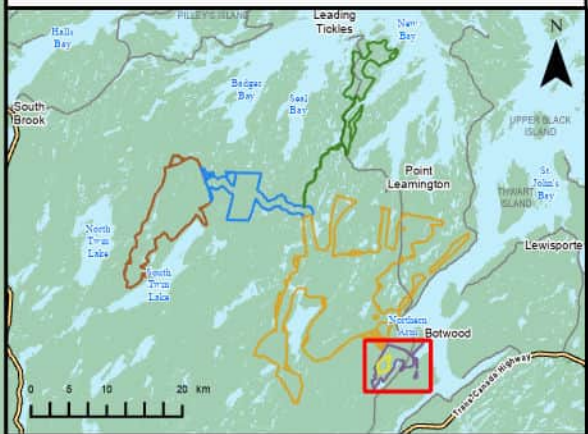
- Suitable
- Fair

Transportation

- Highway
- Road
- Unpaved Road

Water Features

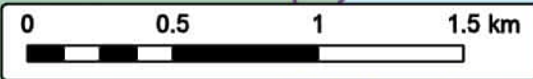
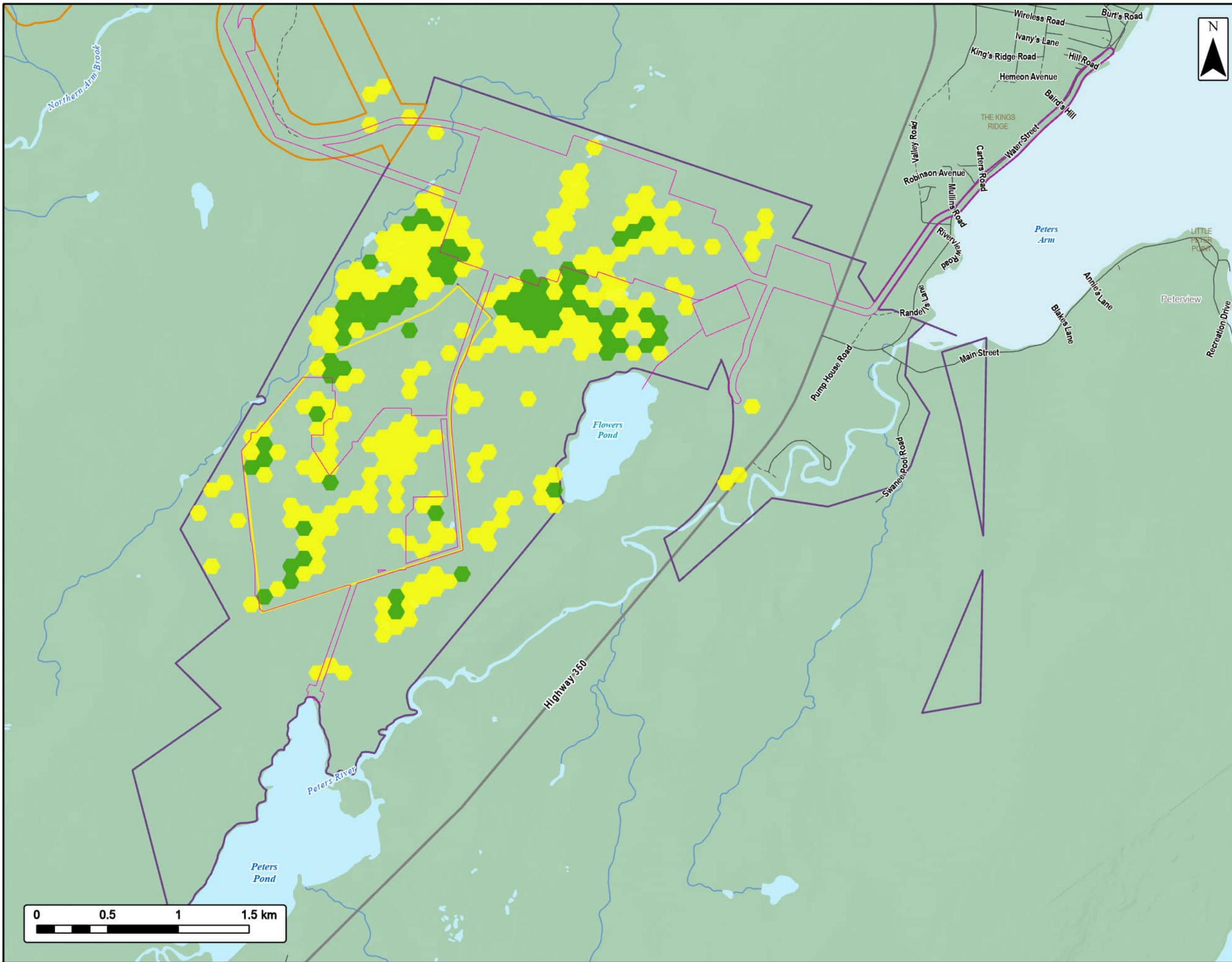
- Mapped Watercourses
- Mapped Waterbodies



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

Date:	2026-03-30	Project #:	24-10265
Scale:	1:26,000	Drawing #:	7.10-2
Drawn By:	M. Partridge		
Checked By:	J. Lohnes		





EVREC Green Energy Hub

Industrial Facility & Solar Project Area
Avian SAR Potential Habitat Modelling - Olive-sided Flycatcher



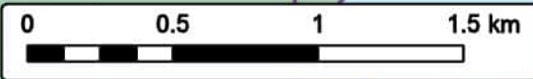
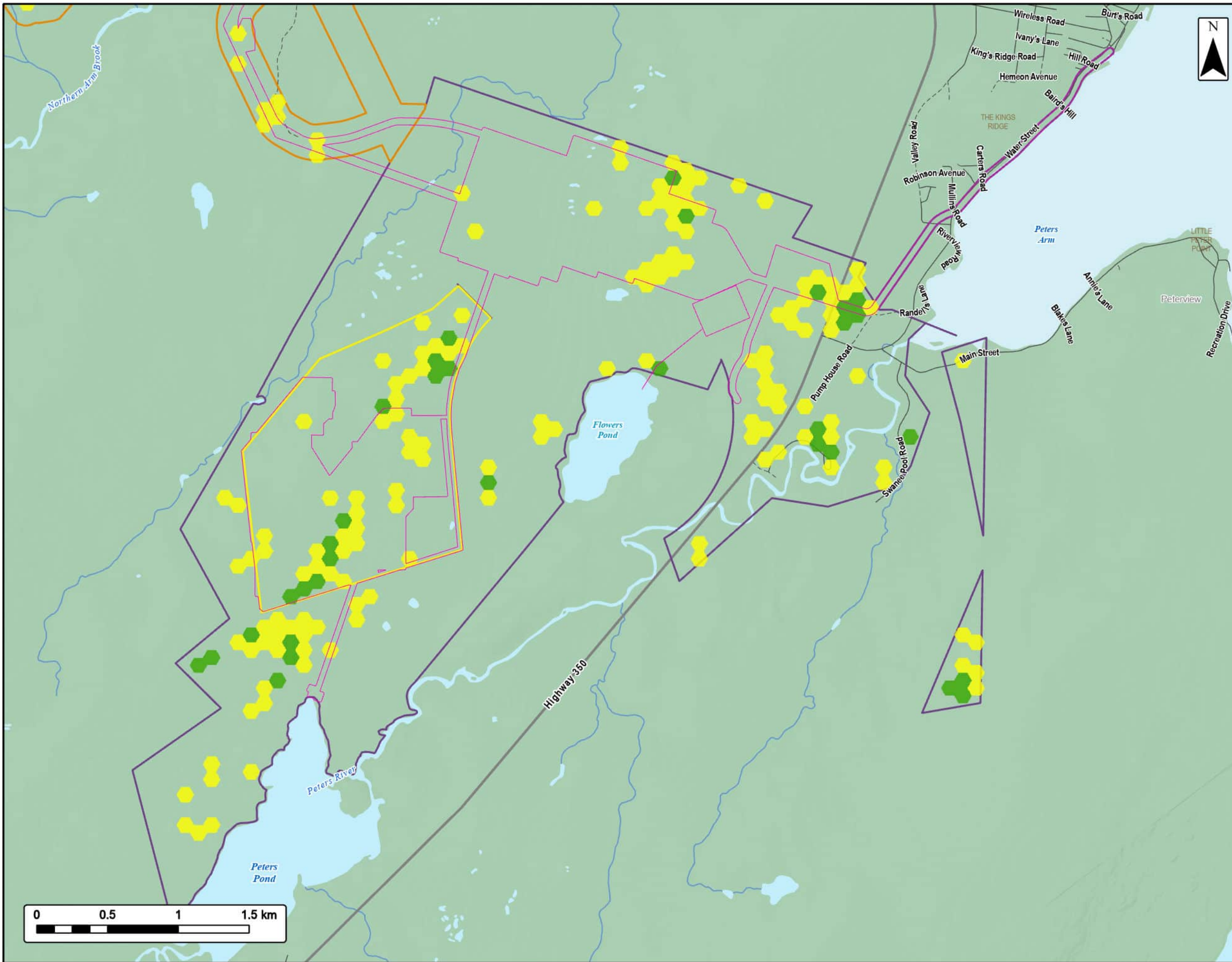
Project Area	
Industrial Project Area	
Solar Project Area	
Botwood Wind Project Area	
Project Footprint (May 2025)	
Olive-sided Flycatcher Habitat	
Suitable	
Fair	
Transportation	
Highway	
Road	
Unpaved Road	
Water Features	
Mapped Watercourses	
Mapped Waterbodies	



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

Date:	2026-03-30	Project #:	24-10265
Scale:	1:26,000	Drawing #:	7.10-3
Drawn By:	M. Partridge		
Checked By:	J. Lohnes		

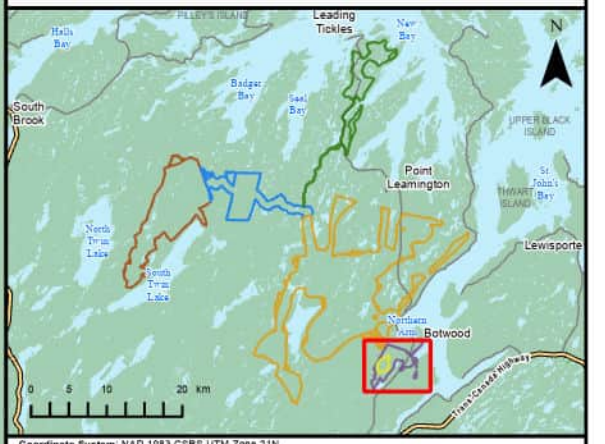




EVREC Green Energy Hub
 Industrial Facility & Solar Project Area
 Avian SAR Potential Habitat Modelling - Grey Cheeked Thrush



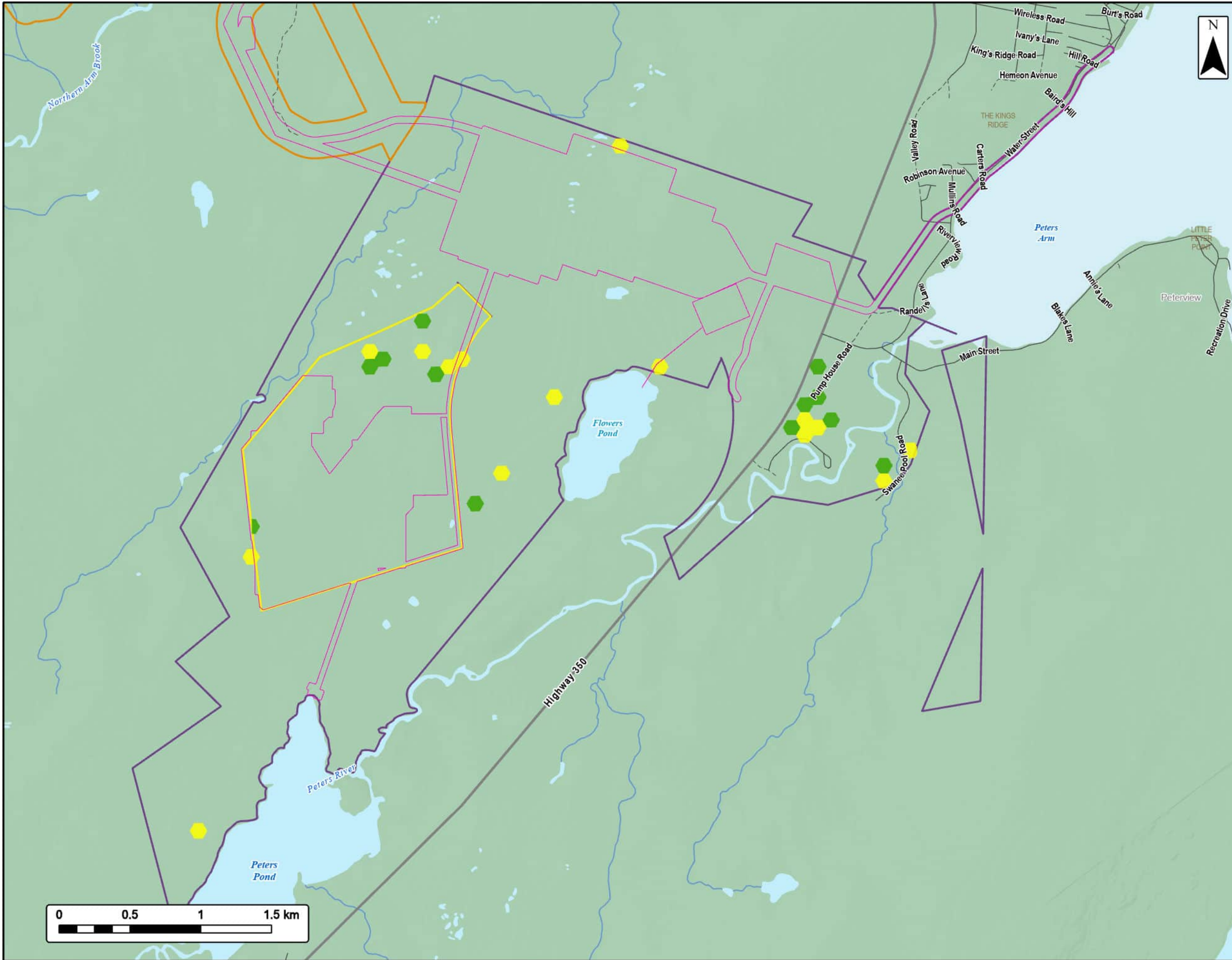
Project Area	
Industrial Project Area	
Solar Project Area	
Botwood Wind Project Area	
Project Footprint (May 2025)	
Grey Cheeked Thrush Habitat	
Suitable	
Fair	
Transportation	
Highway	
Road	
Unpaved Road	
Water Features	
Mapped Watercourses	
Mapped Waterbodies	



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

Date:	2026-03-30	Project #:	24-10265
Scale:	1:26,000	Drawing #:	7.10-4
Drawn By:	M. Partridge		
Checked By:	J. Lohnes		

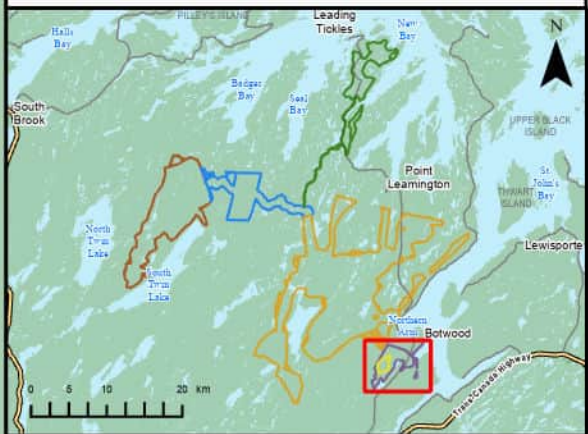




EVREC Green Energy Hub
 Industrial Facility & Solar Project Area
 Avian SAR Potential Habitat Modelling - Red Crossbill



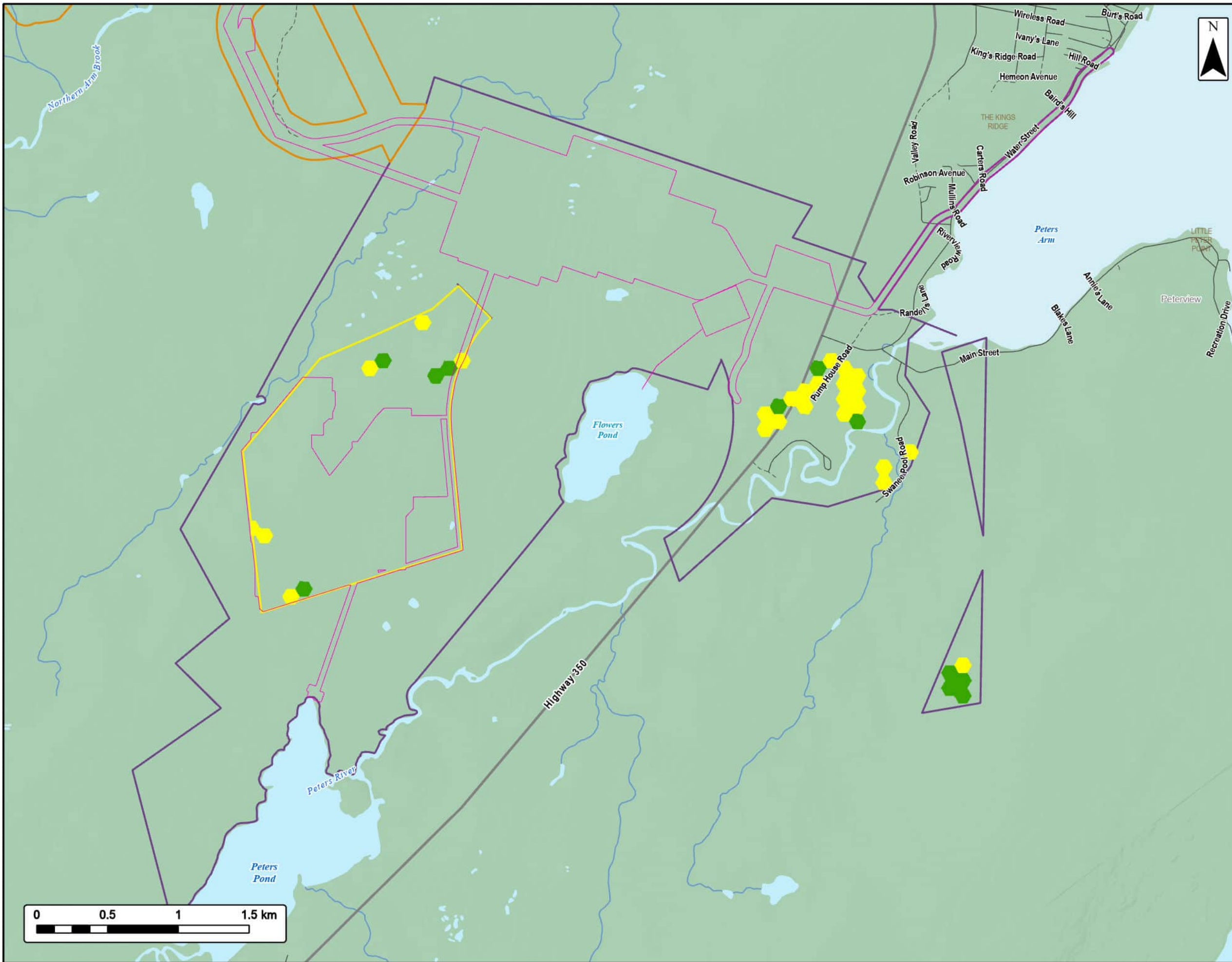
Project Area	
Industrial Project Area	
Solar Project Area	
Botwood Wind Project Area	
Project Footprint (May 2025)	
Red Crossbill Habitat	
Suitable	
Fair	
Transportation	
Highway	
Road	
Unpaved Road	
Water Features	
Mapped Watercourses	
Mapped Waterbodies	



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

Date:	2026-03-30	Project #:	24-10265
Scale:	1:26,000	Drawing #:	7.10-5
Drawn By:	M. Partridge		
Checked By:	J. Lohnes		

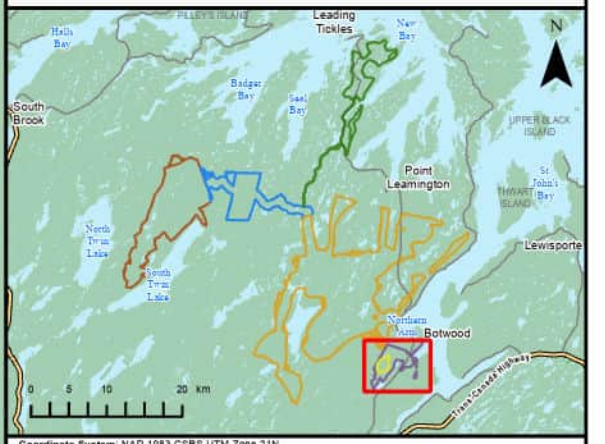




EVREC Green Energy Hub
 Industrial Facility & Solar Project Area
 Avian SAR Potential Habitat Modelling - Evening Grosbeak

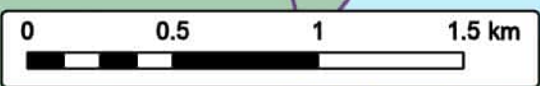


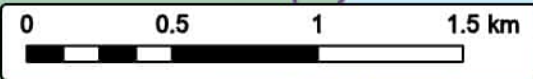
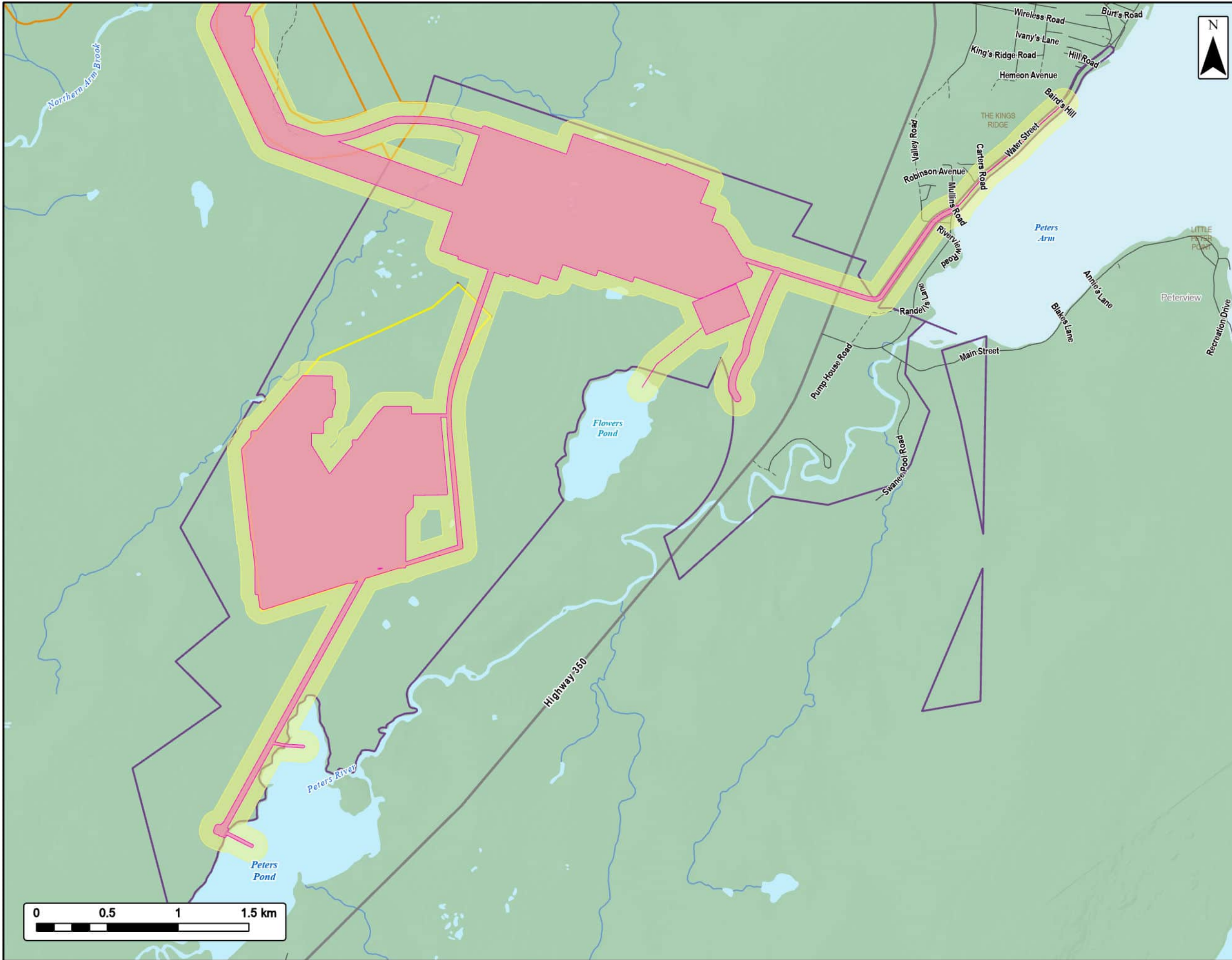
Project Area	
Industrial Project Area	
Solar Project Area	
Botwood Wind Project Area	
Project Footprint (May 2025)	
Evening Grosbeak Habitat	
Suitable	
Fair	
Transportation	
Highway	
Road	
Unpaved Road	
Water Features	
Mapped Watercourses	
Mapped Waterbodies	



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

Date:	2026-03-30	Project #:	24-10265
Scale:	1:26,000	Drawing #:	7.10-6
Drawn By:	M. Partridge		
Checked By:	J. Lohnes		



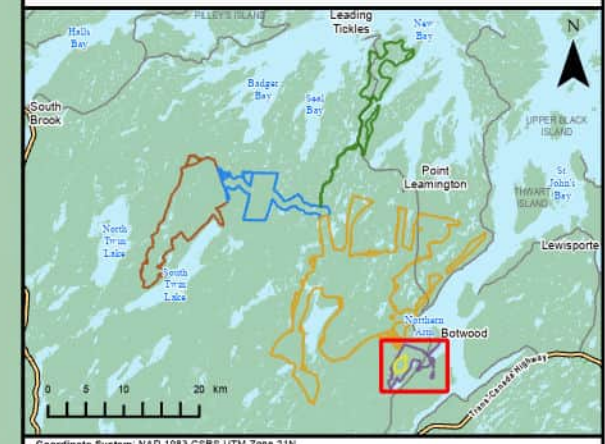


EVREC Green Energy Hub

Industrial Facility & Solar Project Area
Habitat Fragmentation & Edge Effect



Project Area	
Industrial Project Area	
Solar Project Area	
Botwood Wind Project Area	
Project Footprint	
Edge Effect Buffer (100 m)	
Transportation	
Highway	
Road	
Unpaved Road	
Water Features	
Mapped Watercourses	
Mapped Waterbodies	



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

Date:	2026-03-30	Project #:	24-10265
Scale:	1:26,000	Drawing #:	7.10-7
Drawn By:	M. Partridge		
Checked By:	J. Lohnes		

