

# Transmission Interconnection Line Land Cover



## Land Cover

- Hardwood
- Mixedwood
- Softwood
- Harvests
- Brush
- Blueberries or Barren
- Bogs or Wetlands
- Old Field
- Agriculture
- Water
- Coastal
- Urban, Landfill, Quarry, Transport Corridor
- Utility Corridor

## Project Components

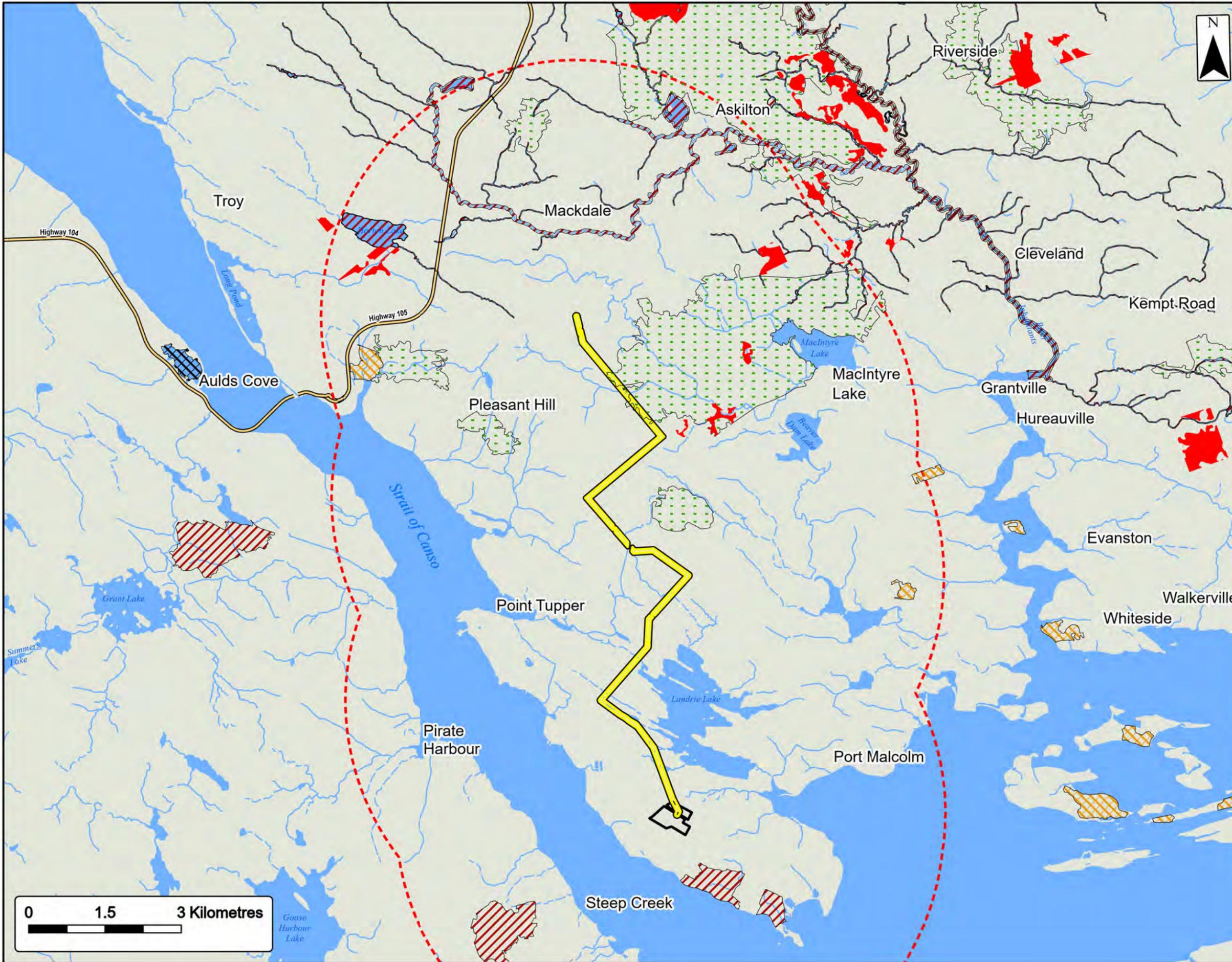
- Transmission Interconnection Line
- Industrial Facility



Coordinate System: NAD83 UTM Zone 20N  
 Sources: ESRI Basemaps, GeoNOVA, NSD, HERE, Garmin, USGS, HRCam, Service NS and Internal Services

Date:	Nov 2022	Project #:	22-8516
Scale:	1:42,500	Drawing #:	28
Drawn By:	P. Opra		
Checked By:	M. Savelle		





### Significant Habitats

Overview of Significant Habitat, Species and The Old Growth Policy

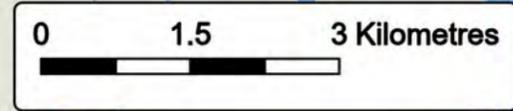


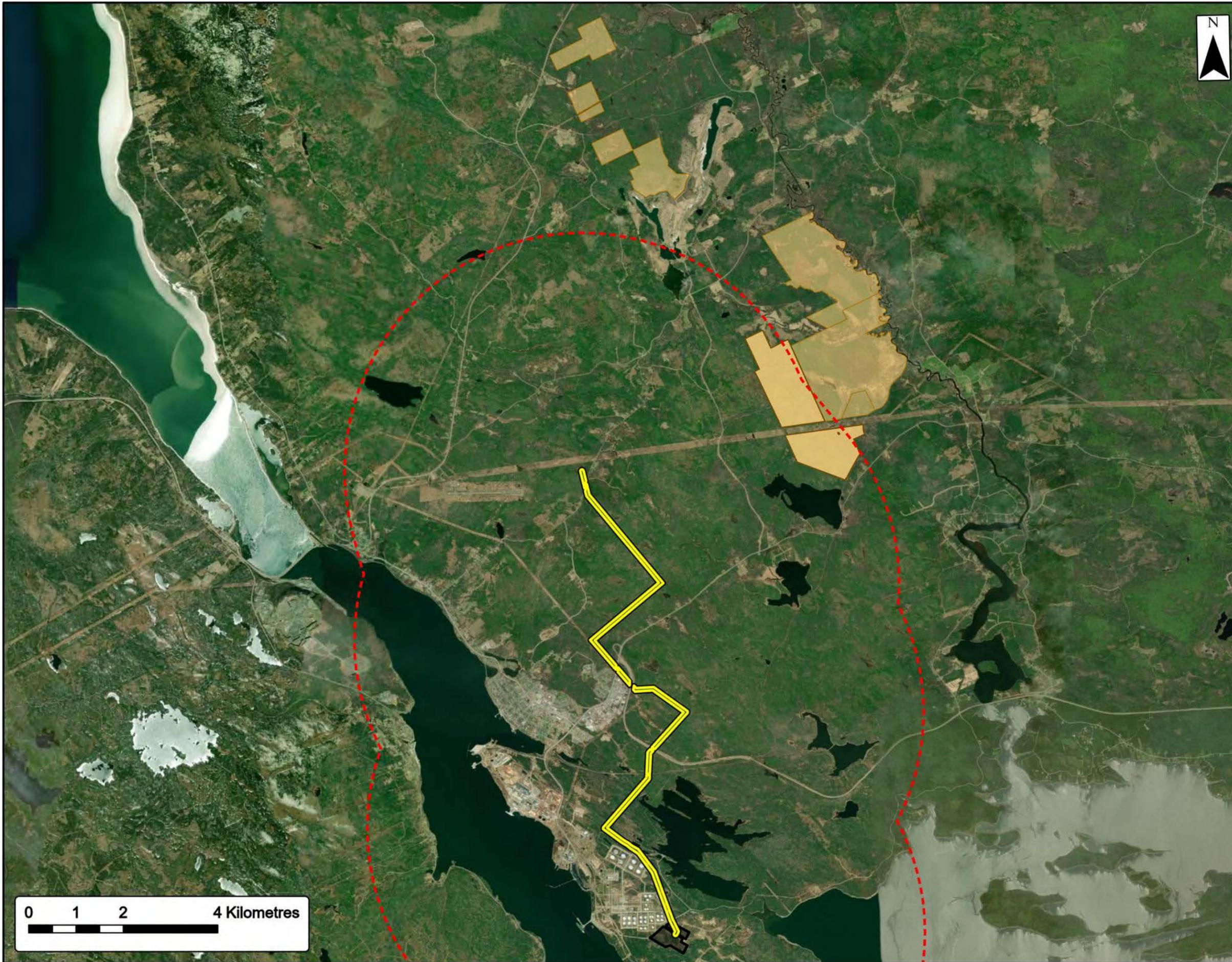
- 5 km Buffer (Study Area)
- Significant Species & Habitats**
- Deer Wintering
- Migratory Bird
- Other Habitat (Talus Slopes)
- Species at Risk
- Old Forest Policy
- Project Components**
- Transmission Interconnection Line
- Industrial Facility
- Transportation**
- Trans-Canada Highway
- Water Features**
- Mapped Stream
- Mapped Indefinite Stream
- Mapped Waterbodies



Coordinate System: NAD83 UTM Zone 20N Sources: ESRI Basemaps, GeoNOVA, NSTD, HERE, Garmin, USGS, IARCAN

Date:	Nov 2022	Project #:	22-8516
Scale:	1:72,500	Drawing #:	<b>29</b>
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Checked By:	M. Savelle		





**Protected Nature Reserves**  
 Overview of Nature Reserves  
 (Designated and Pending)



- River Inhabitants Nature Reserve (Designated)
- River Inhabitants Nature Reserve Addition (Pending)
- 5 km Buffer (Study Area)
- Project Components**
- Transmission Interconnection Line
- Industrial Facility

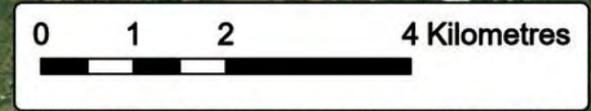


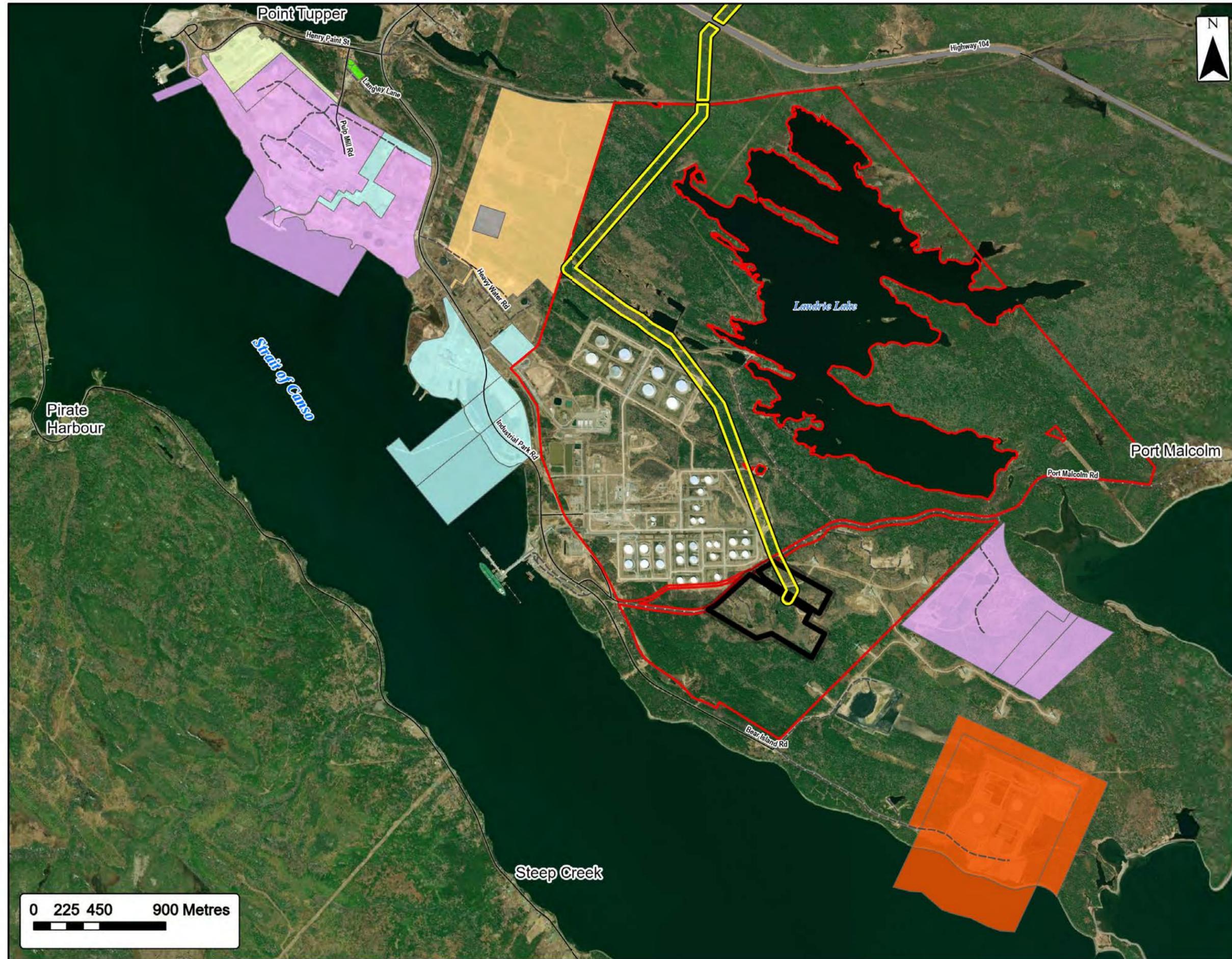
Sources: ESRI BaseMaps, GeoNova, NSTD, HERE, Garmin, USGS, NRCAN, NS Landscape Viewer

Coordinate System: NAD83 UTM Zone 20N1

Date:	Nov 2022
Scale:	1:78,000
Drawn By:	P. Opra
Checked By:	N. Myers

Project #:	22-8516
Drawing #:	<b>30</b>





**Point Tupper Industrial Park**  
Overview of Businesses



**Industrial Park PID**

Ideal Concrete	
Cabot Gypsum ULC	
GFL Port Hawkesbury Site	
Bear Head Energy Inc.	
Nova Scotia Power Inc.	
Port Hawkesbury Paper Gp Ltd.	
Strait Supplies Limited	
Point Tupper Marine Services Co., EverWind Terminals Canada Co., EverWind Terminals Canada Holdings Co.	

**Project Components**

Transmission Interconnection Line	
Industrial Facility	

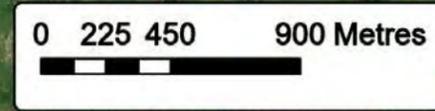
**Transportation**

Highway	
Road	
Unpaved Road	



Coordinate System: NAD83 UTM Zone 20N  
Sources: ESRI Basemaps, GeoNOVA, ISTD, HERE, Garmin, USGS, NRCAN, Service NS and Internal Services.

Date: Nov 2022	Project #: 22-8516
Scale: 1:25,000	Drawing #: <b>31</b>
Drawn By: P. Opra	
Checked By: M. Savelle	





**Industrial Facility  
Residential Receptors**  
*Relative Distance Analysis*



- Approximate Industrial Facility Centroid
- Potential Residential Buildings
- Potential Commercial Buildings
- Distance Marker to Potential Residential Building
- 5 km Buffer from Industrial Facility Centroid



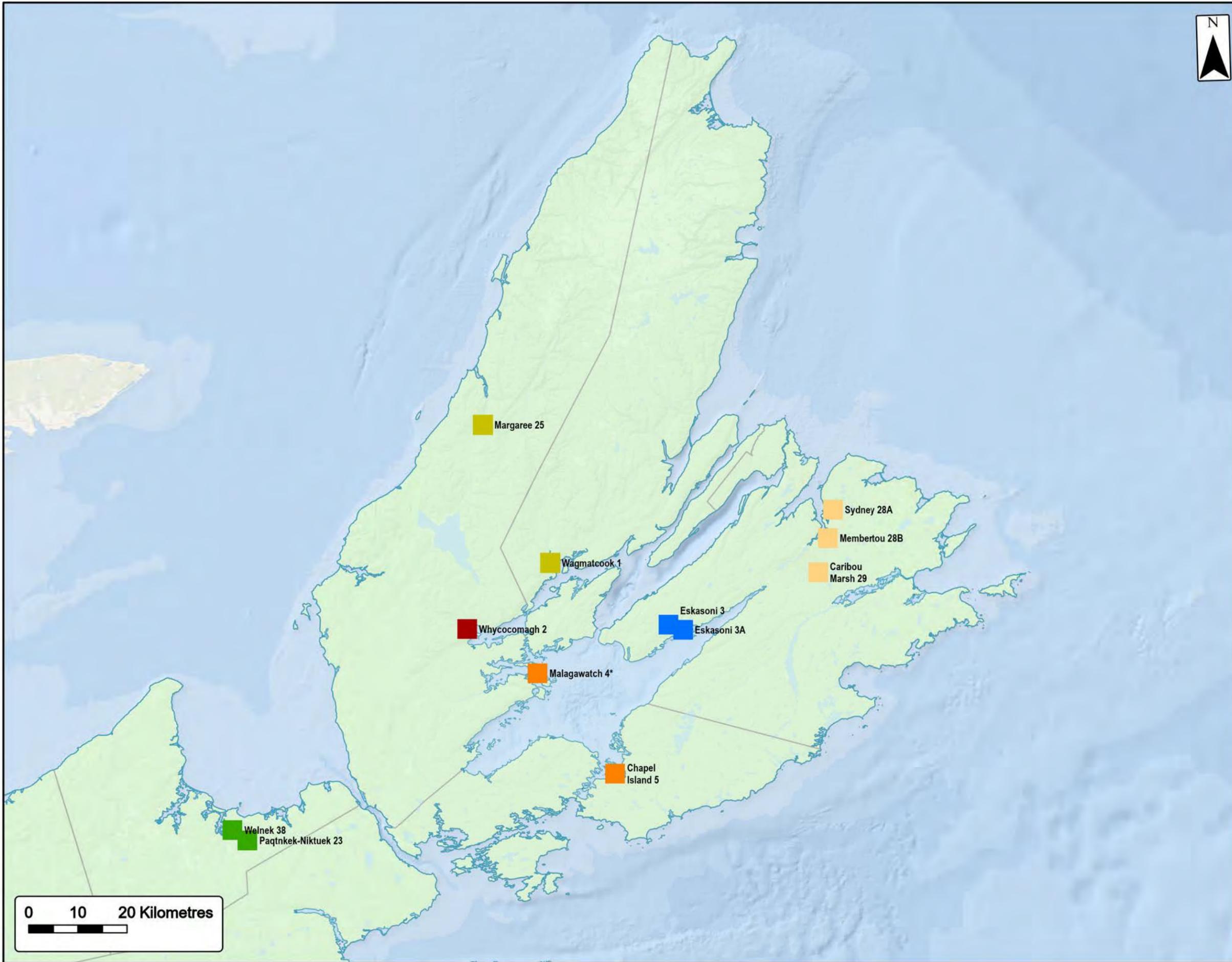
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Date: Nov 2022	Project #: 22-8516
Scale: 1:40,000	Drawing #: <b>32</b>
Drawn By: P. Opra	
Checked By: N. Myers	



Engineering - Surveying - Environmental  
Bedford - Antigonish - Moncton - St. John's





**Mi'kmaw Reserve Lands**  
Overview of Northern Nova Scotia



**First Nation**

Eskasoni	
Membertou	
Paqtnkek	
Potlotek	
Wagmatcook	
We'koqma'q	

\* Malagawatch 4 shared amongst Eskasoni, Membertou, Potlotek, Wagmatcook, and We'koqma'q



Sources: ESRI BaseMaps, GeoNOVA, NSITD, CHS, DeLorme, NaturalVue, NRCAN, NS Department of Health, Government of Canada  
Coordinate System: NAD83 UTM Zone 20N1

Date:	Nov 2022	Project #:	22-8516
Scale:	1:750,000	Drawing #:	<b>33</b>
Drawn By:	P. Opra		
Checked By:	N. Myers		





**Archaeology Assessment**  
Overview of Assessment Area



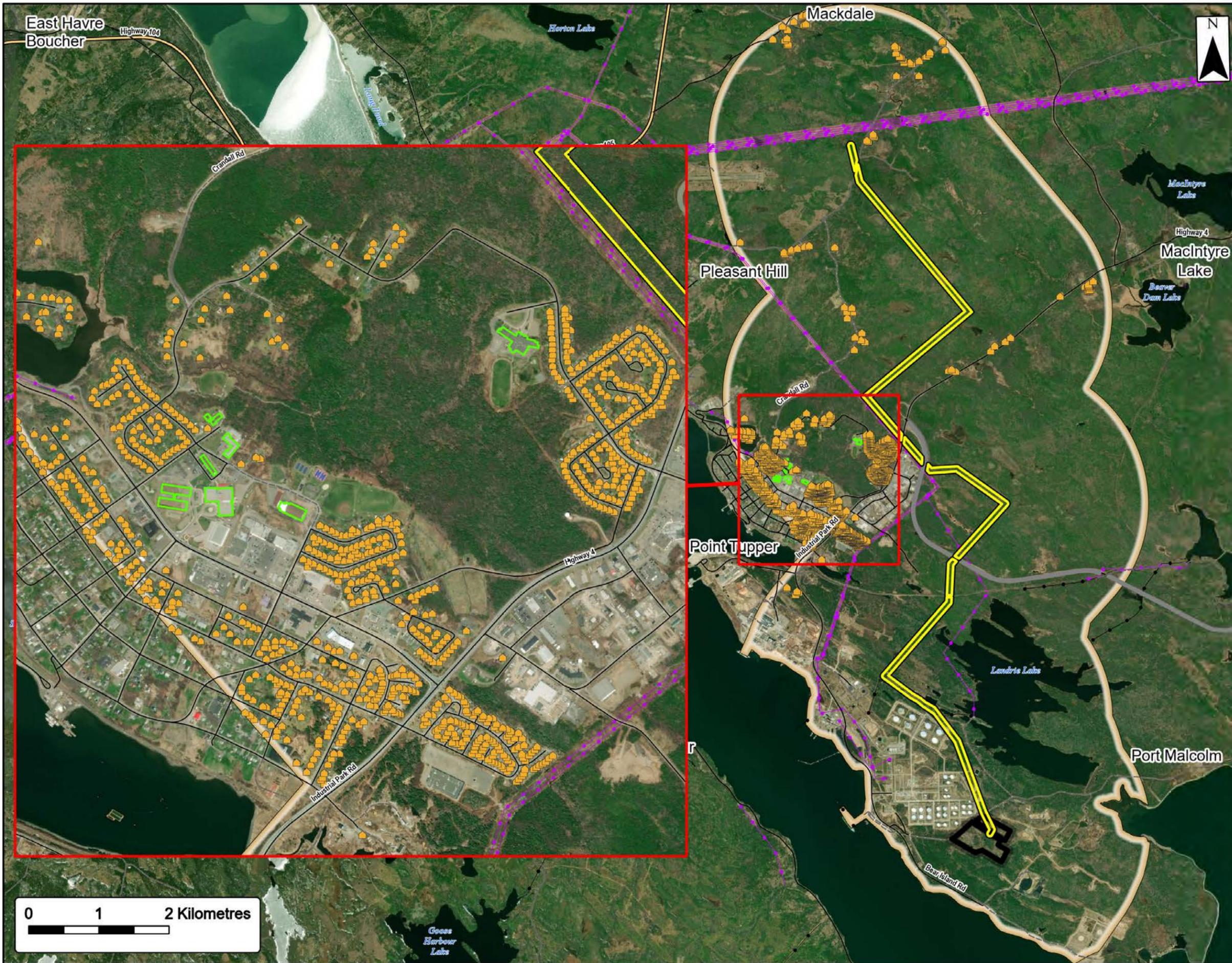
Archaeology Assessment Area	
<b>Transportation</b>	
Road	
Unpaved Road	
<b>Utilities (line)</b>	
Existing Pipeline	
Existing Transmission Lines (NS Power)	
<b>Water Features</b>	
Mapped Stream	
Mapped Indefinite Stream	



Coordinate System: NAD83 UTM Zone 20N  
Sources: ESRI Basemaps, GeoNOVA, NSITD, HERE, Garmin, USGS, NRCAN, Service NS and Internal Services.

Date:	Nov 2022	Project #:	22-8516
Scale:	1:10,000	Drawing #:	<b>34</b>
Drawn By:	P. Opra		
Checked By:	N. Myers		





**Sound Receptor Locations**  
Buildings within 2 km of Project Boundary



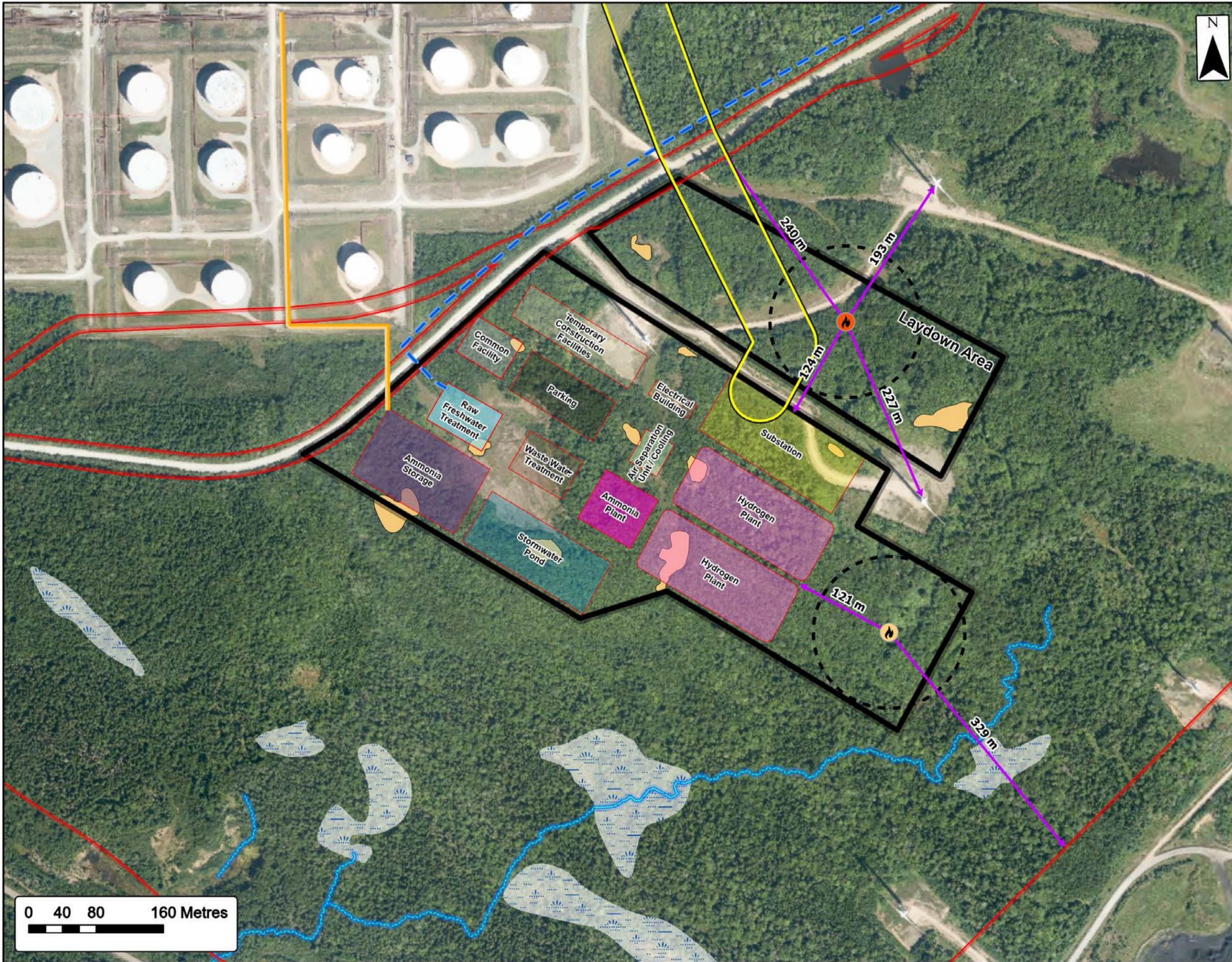
- Potential Residential Building
- Buffer 2 Km (Study Area)
- Sensitive Receptors**
- School, Nursing Home, Arena, or Town Hall
- Project Components**
- Transmission Interconnection Line
- Industrial Facility
- Transportation**
- Trans-Canada Highway
- Highway
- Road
- Unpaved Road
- Utilities (line)**
- Existing Pipeline
- Existing Transmission Lines (NS Power)



Coordinate System: NAD83 UTM Zone 20N Sources: ESRI Basemaps, GeoNOVA, NSTD, HERE, Garmin, USGS, NRCAN

Date:	Nov 2022	Project #:	22-8516
Scale:	1:52,500	Drawing #:	<b>35</b>
Drawn By:	P. Opra		
Checked By:	M. Savelle		





# Flare Assessment

Overview of Measurements and Property



- EverWind Fuels Property Line
- Field Surveyed**
- Field Surveyed Watercourse (WC)
- Field Surveyed Wetland (WL)
- Human Influenced Drainage Feature
- Project Components**
- Storage Flare
- Process Flare
- Approximate Ammonia Pipeline
- Raw Freshwater Pipeline
- Transmission Interconnection Line
- Industrial Facility
- Flare Buffer Diameter (180 m)



Coordinate System: NAD83 UTM Zone 20N  
 Sources: ESRI Basemaps, GeoNOVA, NSD, HERE, Garmin, USGS, NRCAN, Service NS and Internal Services.

Date: Nov 2022	Project #: 22-8516
Scale: 1:4,375	Drawing #: <b>36</b>
Drawn By: P. Opra	
Checked By: F. Gascon	

