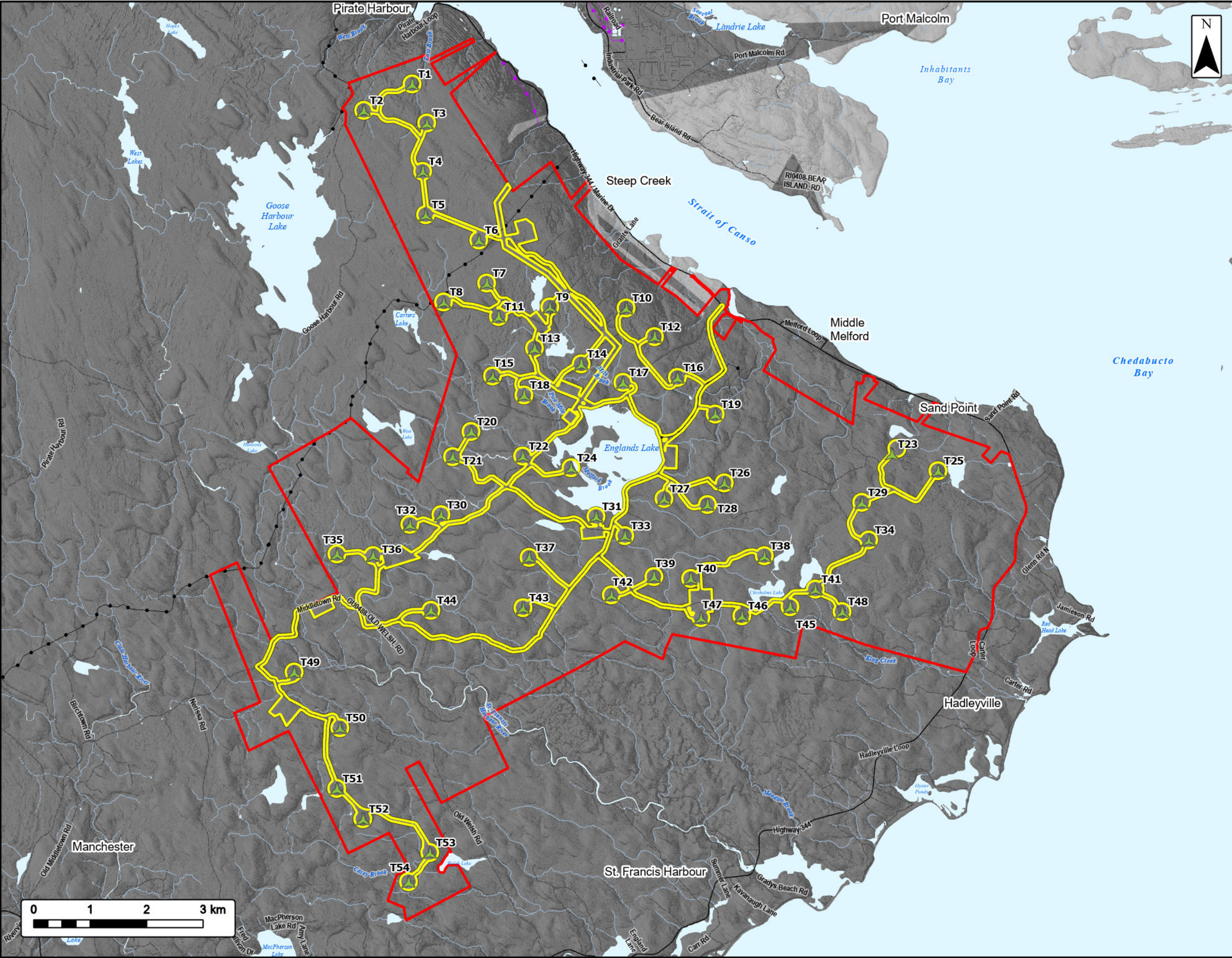




Setapuktuk Wind Project

Manganese Risk

Study Area

Assessment Area

Proposed Turbine Locations

Manganese Risk

High Risk

Medium Risk

Transportation

Road

Unpaved Road

Utilities (Line)

Existing Pipeline

Existing Transmission Lines

Water Features

Mapped Stream

Mapped Indefinite Stream

Mapped Lakes and Rivers

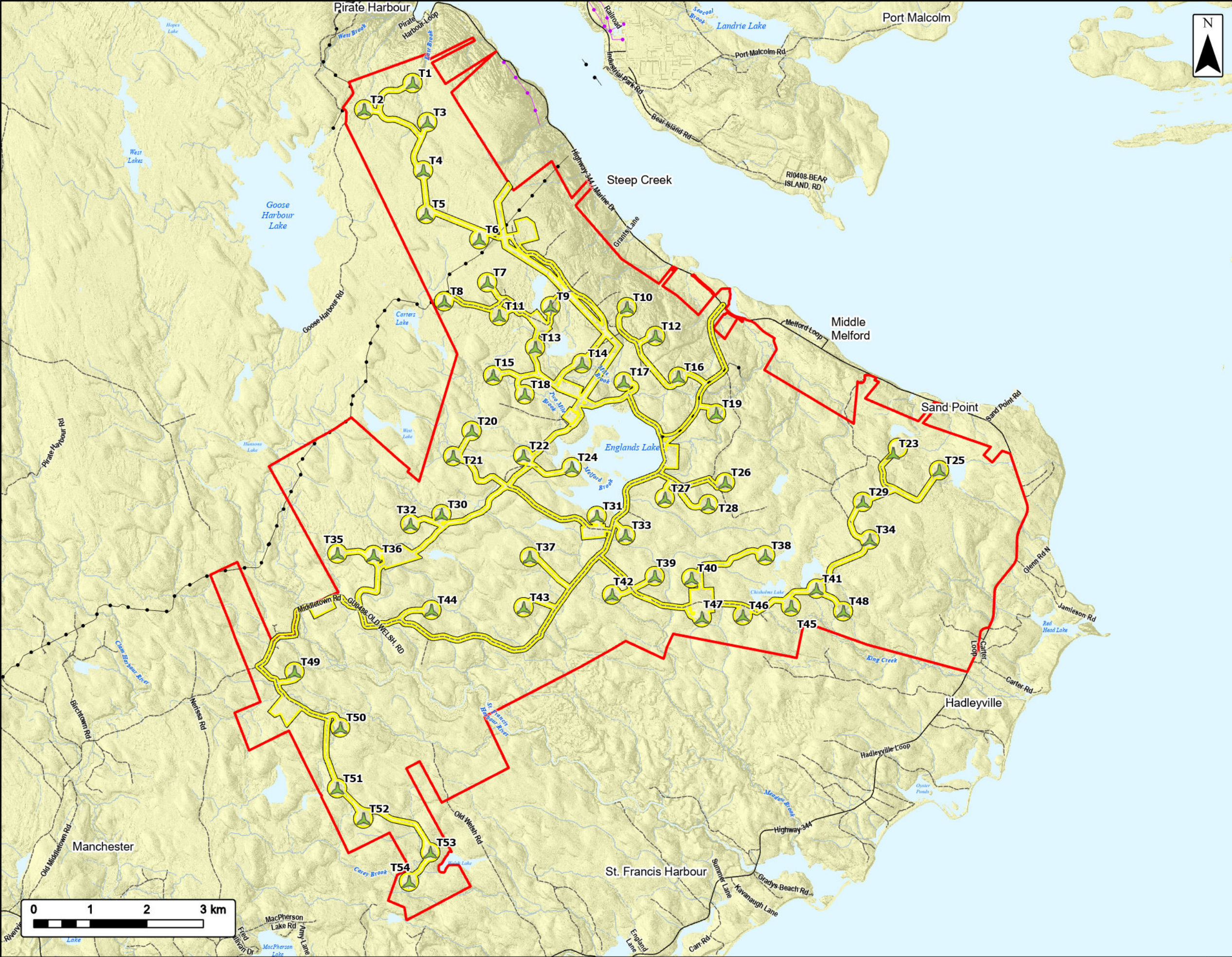
Coordinate System: NAD 1983 UTM Zone 20N

Sources: Service Nova Scotia, GeoNOVA, SNSIS, NSNRR, ACCDC, IBA Canada, CNWI, HERE, Garmin, USGS

Date:	2025-09-22	Project #:	23-9204
Scale:	1:65,000	Drawing #:	7.11
Drawn By:	K. Wallace		
Checked By:	A. Doane		

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Setapuktuk Wind Project

Uranium Risk



Study Area

Assessment Area

Proposed Turbine Locations

Low Uranium Risk

Transportation

Road

Unpaved Road

Utilities (Line)

Existing Pipeline

Existing Transmission Lines

Water Features

Mapped Stream

Mapped Indefinite Stream

Mapped Lakes and Rivers

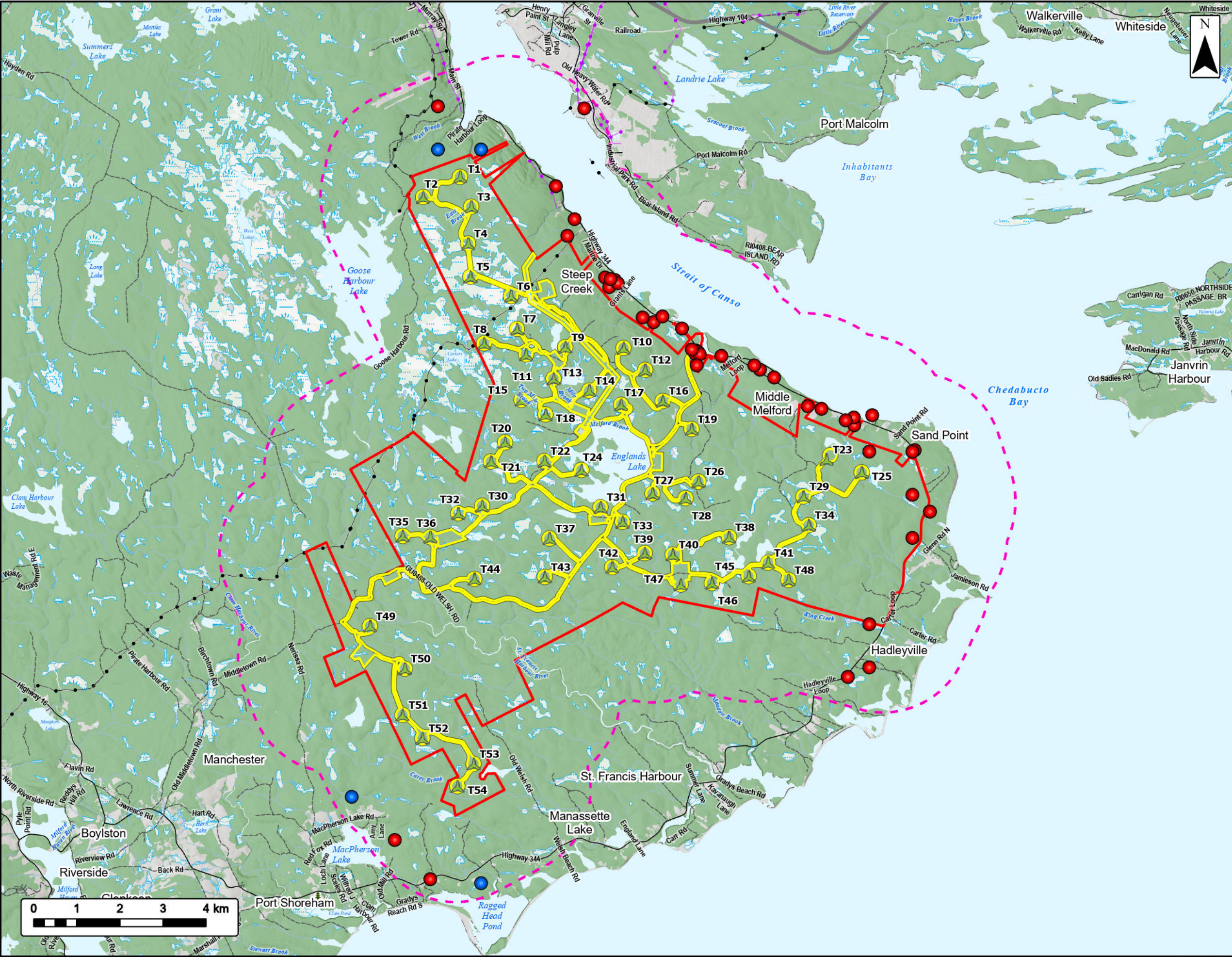




Coordinate System: NAD 1983 UTM Zone 20N
Sources: Service Nova Scotia, GeoNOVA, SNSIS, NSNRR, ACCDC, IBA Canada, CNWL, HERE, Garmin, USGS

Date:	2025-09-22	Project #:	23-9204
Scale:	1:65,000	Drawing #:	7.12
Drawn By:	K. Wallace		
Checked By:	A. Doane		





Setapuktuk Wind Project

Groundwater Wells

Study Area

Assessment Area

Proposed Turbine Locations

Study Area Buffer (2 km)

Groundwater Wells within 2 km of Study Area*

Drilled (59)

Dug (4)

Transportation

Highway

Road

Unpaved Road

Utilities (Line)

Existing Pipeline

Existing Transmission Lines

Water Features

Mapped Stream

Mapped Indefinite Stream

Mapped Lakes and Rivers

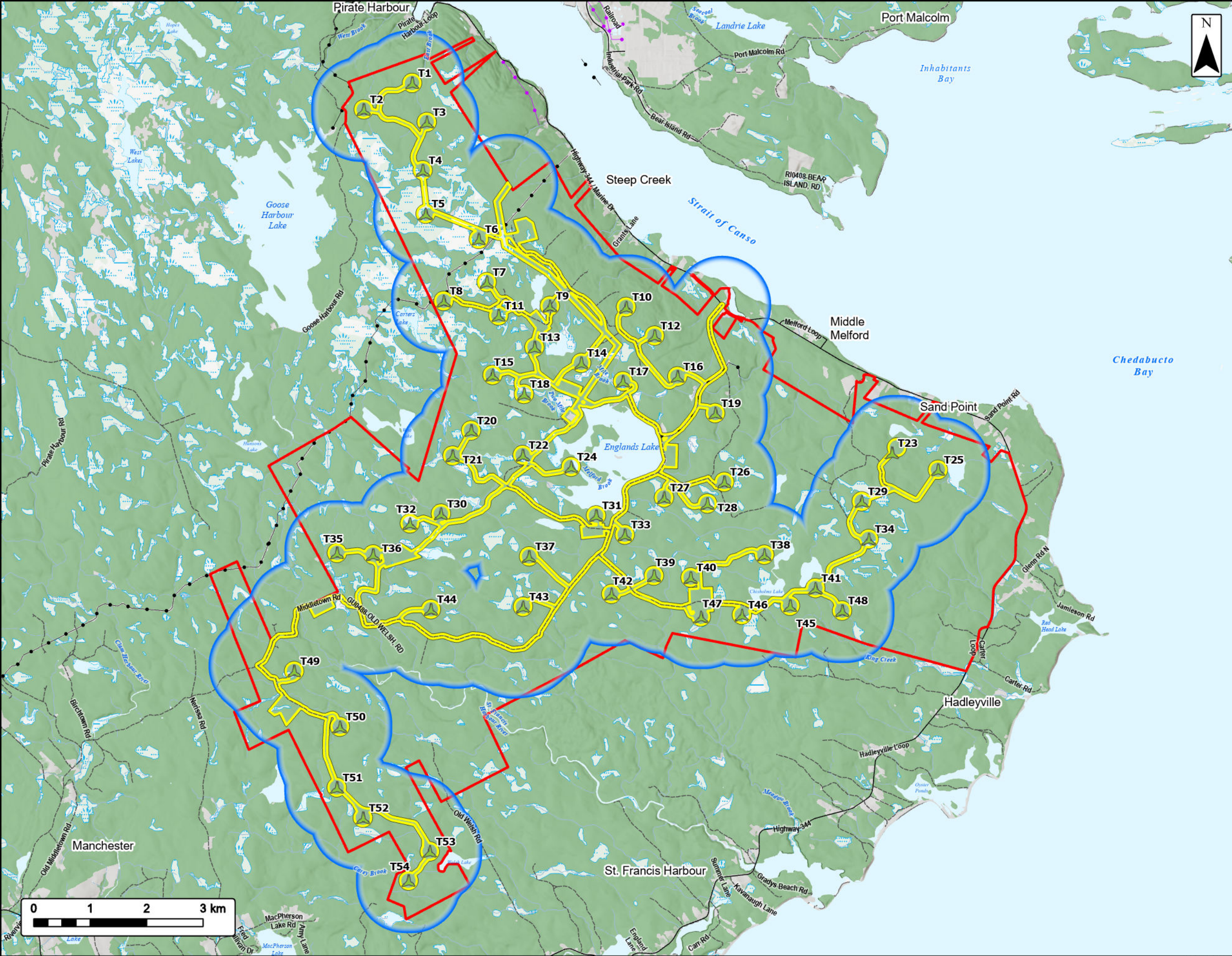
Mapped Wetlands

Coordinate System: NAD 1983 UTM Zone 20N

Sources: Esri, NASA, NGA, USGS, Service Nova Scotia, GeoNOVA, SNSIS, NSNRR, ACCDC, IBA Canada, CNWI, HERE, Garmin, USGS

Date:	2025-09-22	Project #:	23-9204
Scale:	1:85,000	Drawing #:	7.13
Drawn By:	K. Wallace		
Checked By:	A. Doane		

S:\Strum Project Files\2023 Files\23-9204\Drawings\AroGIS_Drawings\EA\23-9204_WF1_GroundwaterWells\23-9204_WF1_GroundwaterWells.aprx



Setapuktuk Wind Project

Geophysical LAA

Study Area

Assessment Area

Proposed Turbine Locations

Geophysical LAA (800 m buffer on Project Footprint)

Transportation

Road

Unpaved Road

Utilities (Line)

Existing Pipeline

Existing Transmission Lines

Water Features

Mapped Stream

Mapped Indefinite Stream

Mapped Lakes and Rivers

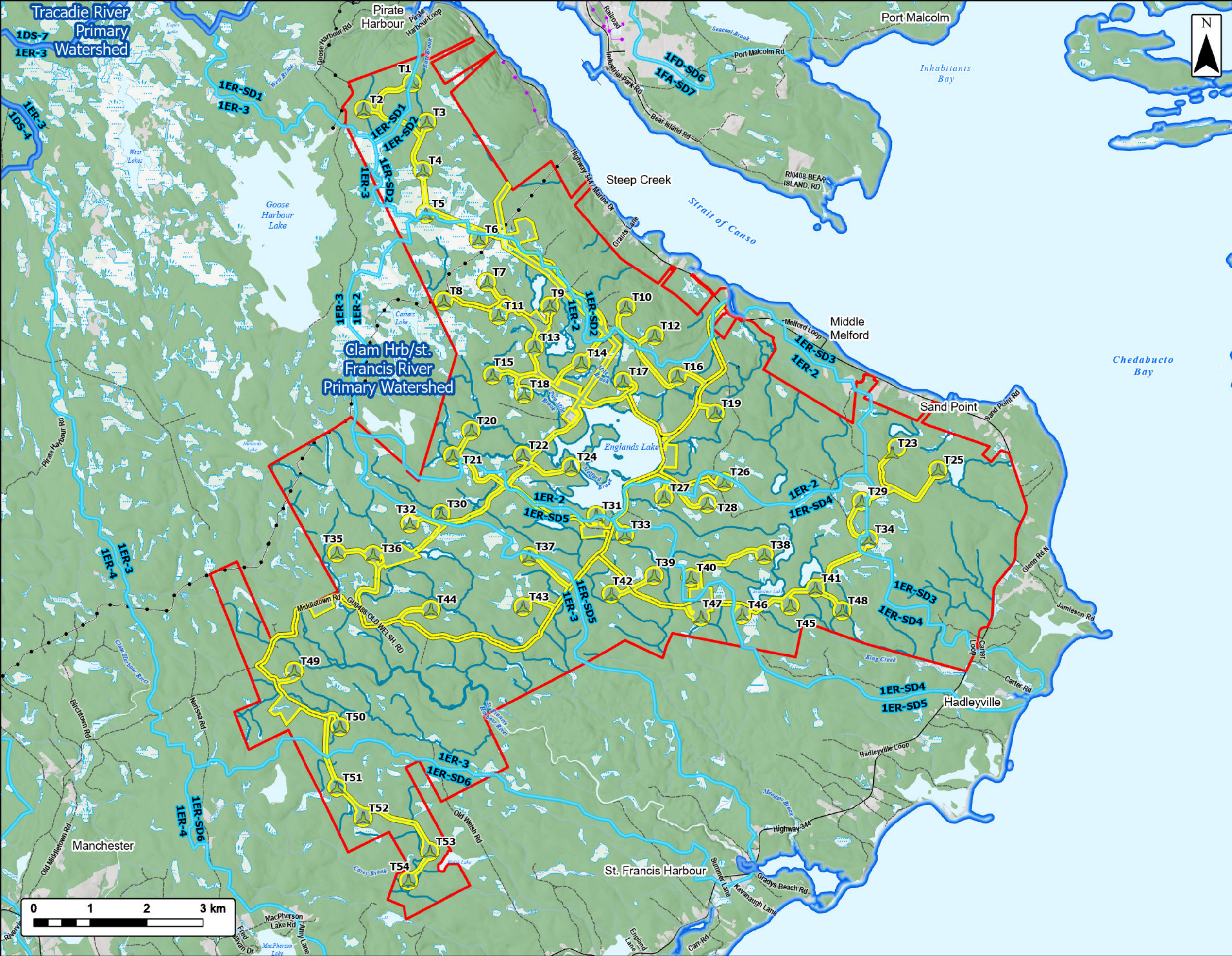
Mapped Wetlands

Coordinate System: NAD 1983 UTM Zone 20N

Sources: Esri, NASA, NGA, USGS, Service Nova Scotia, GeoNOVA, SNSIS, NSNRR, ACCDC, IBA Canada, CNWI, HERE, Garmin, USGS

Date:	2025-09-25	Project #:	23-9204
Scale:	1:65,000	Drawing #:	7.14
Drawn By:	K. Wallace		
Checked By:	A. Doane		

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Setapuktuk Wind Project

Desktop Freshwater

Study Area

Assessment Area

Proposed Turbine Locations

Mapped Watercourse within Study Area

Primary Watershed Boundary

Secondary Watershed Boundary

Transportation

Road

Unpaved Road

Utilities (Line)

Existing Pipeline

Existing Transmission Lines

Water Features

Mapped Stream

Mapped Indefinite Stream

Mapped Lakes and Rivers

Mapped Wetlands

0100200 km

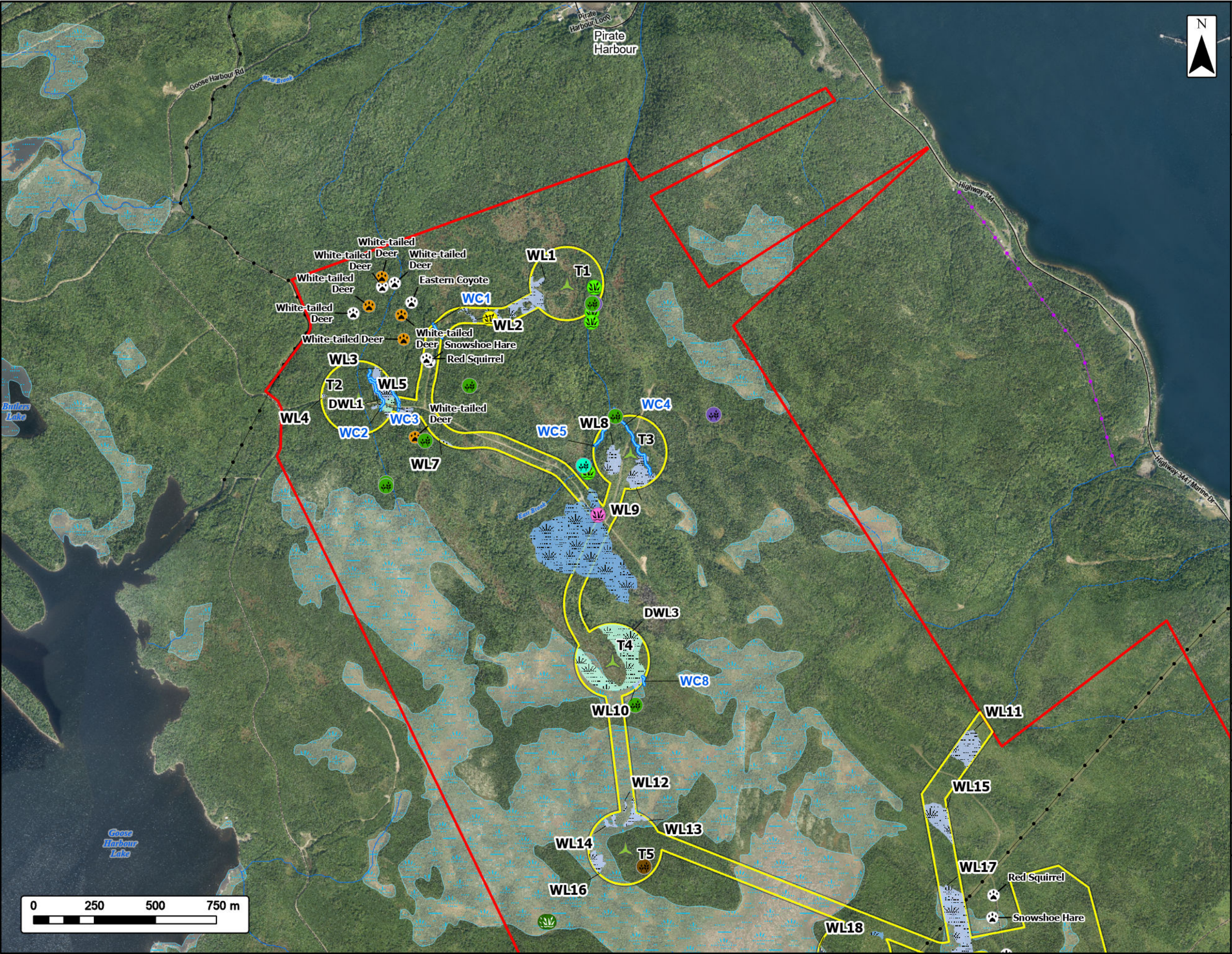
Coordinate System: NAD 1983 UTM Zone 20N

Sources: Esri, NASA, NGA, USGS, Service Nova Scotia, GeoNOVA, SNSIS, NSNRR, ACCDC, IBA Canada, CNWI, HERE, Garmin, USGS

Date:	2025-09-22	Project #:	23-9204
Scale:	1:65,000	Drawing #:	7.15
Drawn By:	K. Wallace		
Checked By:	A. Doane		

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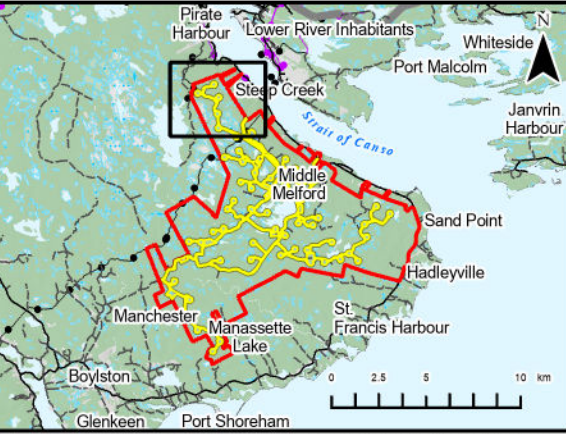


Setapuktuk Wind Project

Field Results



- Study Area
- Assessment Area
- Proposed Turbine Locations
- Observed Flora SOCI**
- American Beech
- Naked Kidney Lichen
- Powdered Fringe Lichen
- Roughened Shingle Lichen
- Rugosa Rose
- Southern Twayblade
- Tree Pelt Lichen
- Yellow Lady's-slipper
- Pellet Group Observations
- Winter Tracking Observations
- Field Assessed Watercourse (WC)
- Field Delineated Wetland (WL)
- Droned Wetland (DWL)
- Modelled Wetland (PWL)
- Transportation**
- Road
- Unpaved Road
- Utilities (Line)**
- Existing Pipeline
- Existing Transmission Lines
- Mapped Wetlands



Coordinate System: NAD 1983 UTM Zone 20N
Sources: Esri, NASA, NGA, USGS, Service Nova Scotia, GeoNOVA, SNSIS, NSNRR, ACCDC, IBA Canada, CNWI, HERE, Garmin, USGS

Date:	2025-09-24	Project #:	23-9204
Scale:	1:15,000	Drawing #:	7.16A
Drawn By:	K. Wallace		
Checked By:	A. Doane		





Setapuktuk Wind Project

Field Results

Study Area

Assessment Area

Proposed Turbine Locations

Observed Flora SOCI

Collared Glass-whiskers Lichen

Curly Jellyskin Lichen

Naked Kidney Lichen

Powdered Fringe Lichen

Roughened Shingle Lichen

Shaggy Fringed Lichen

Southern Twayblade

Stretched Jellyskin Lichen

Stubble Lichen

Tree Pelt Lichen

a Lichen

Date: 2025-09-24

Scale: 1:15,000

Drawn By: K. Wallace

Checked By: A. Doane

Project #: 23-9204

Drawing #: 7.16B

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CONSULTING

