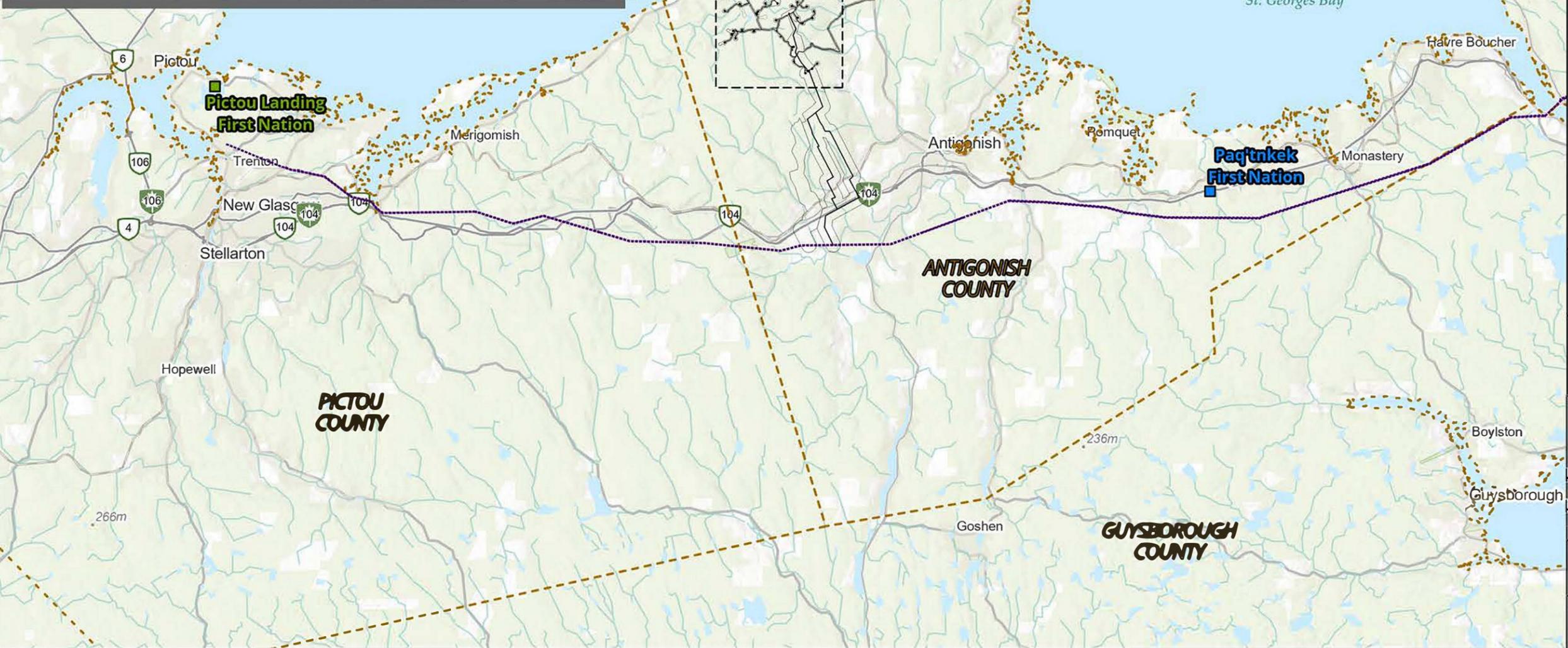
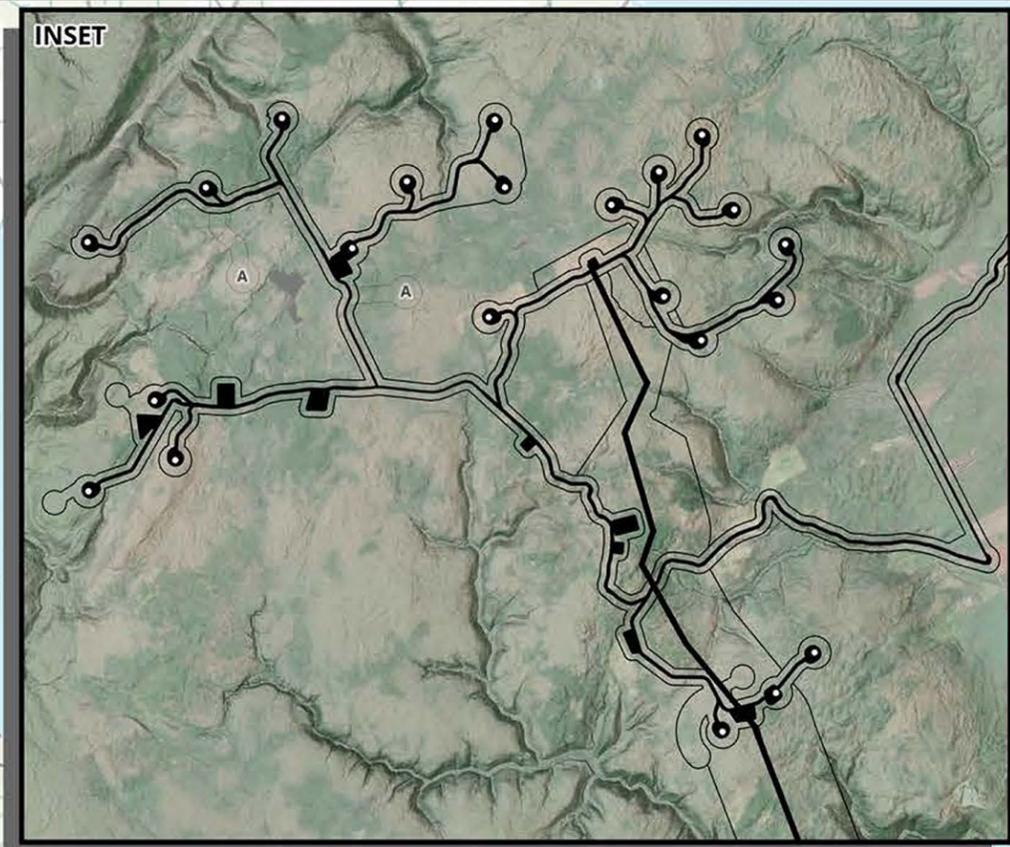


Document Path: Y:\Halifax\Projects\2025\2516000_RES_Eigg_Mountain_Wind_Project_EA\44_CAD\08_GIS\00_GENERAL\PROJ\2516000_EiggMountainEA_Chapter1\Figures.aprx - slevkes - 03/Feb/2026 - LVT\2516000_EiggMountainEA_Figure1.1_ProjectLocation



LEGEND

- Area of Disturbance
- Potential Development Area
- Municipality Boundary
- Existing NSPI Transmission Line

Mi'kmaq Communities

- Acadia
- Annapolis Valley
- Bear River
- Eskasoni
- Glooscap
- Membertou
- Millbrook
- Paq'tnekek
- Pictou Landing
- Potlotek
- Sipeknek'katik
- Wagmatcook
- We'kmaq'q

CBCL

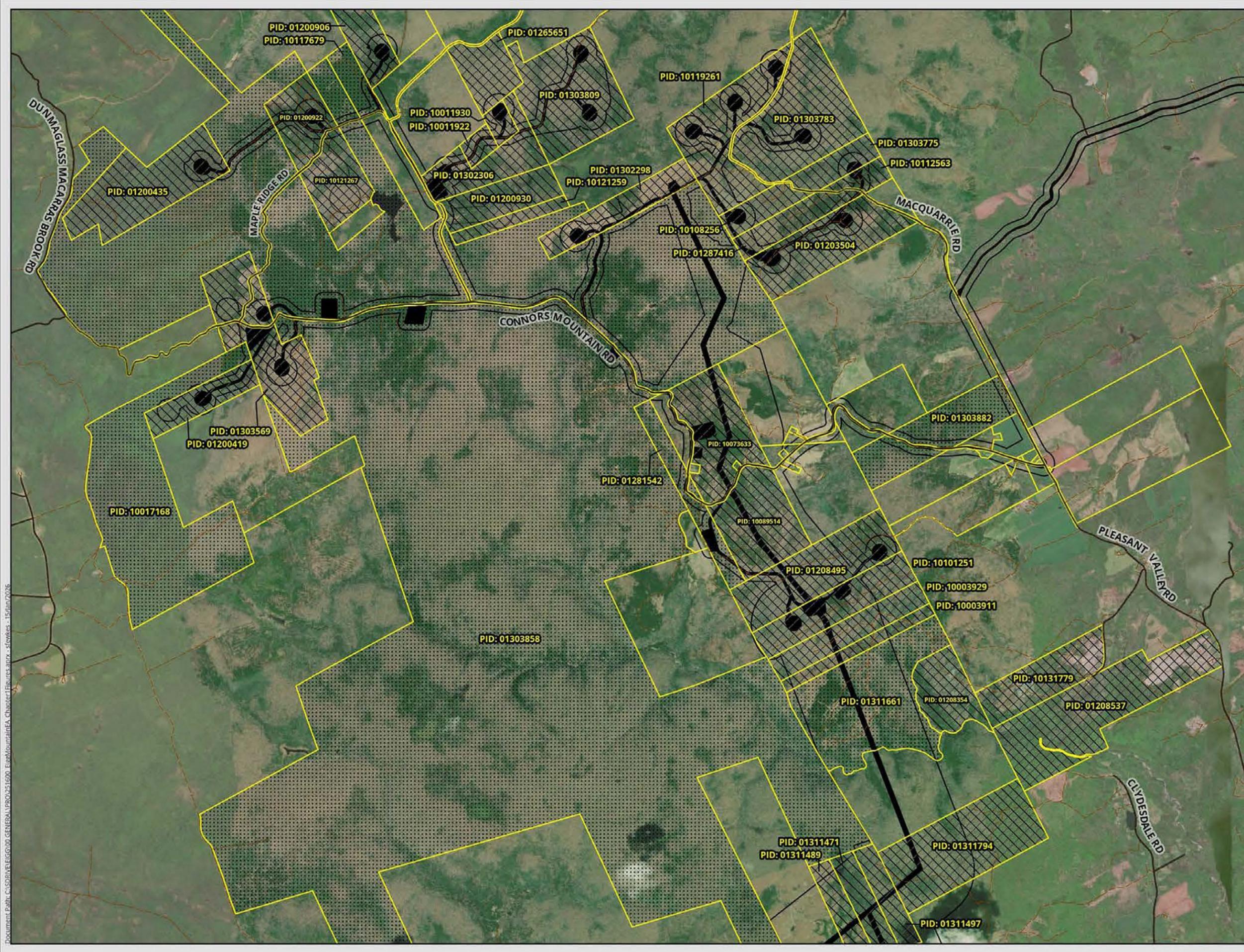
EIGG MOUNTAIN WIND PROJECT

Project Location

DATE: 2/3/2026	PROJ N°: 251600	FIGURE: 1.1
DRAWN BY: SF	CHECKED BY: NM	APPROVED: NM
NOTES:		

0 4,200 8,400 16,800 m

SCALE: 1:325,000 Coordinate System: NAD 1983 UTM Zone 20N Units: Meter



- LEGEND**
- Property Boundaries
 - Crown Lands
 - Private Lands
 - Area of Disturbance
 - Potential Development Area



EIGG MOUNTAIN WIND PROJECT

Property Ownership Within Project Lands

DATE: 1/15/2026	PROJ N°: 251600	FIGURE: 1.2
DRAWN BY: SF	CHECKED BY: NM	APPROVED: NM

NOTES:

0 455 910 1.820 m

SCALE: 1:35,000 Coordinate System: NAD 1983 UTM Zone 20N
Units: Meter

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NORTHUMBERLAND STRAIT



LEGEND

- Area of Disturbance
- Potential Development Area
- Transmission Corridor (No Longer Under Consideration)
- Turbine
- Trail / Resource Road / No Maintenance
- Addressed Road (NSTD, 2025)

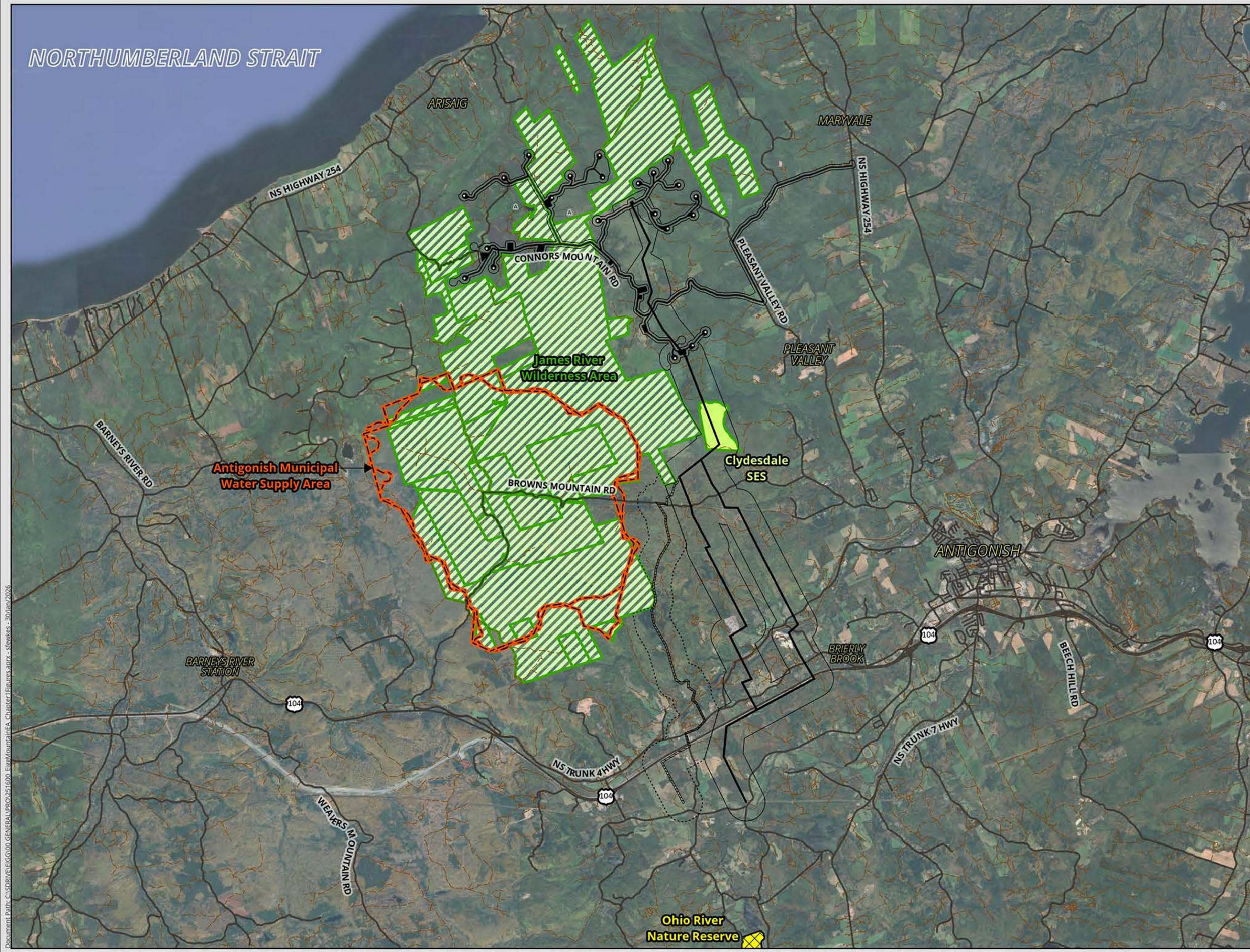
ACCDC Managed & Biologically Significant Areas Database

Significant Areas

- Significant Ecological Area

Managed Areas

- Nature Reserve
- Water Supply Area
- Wilderness Area



EIGG MOUNTAIN WIND PROJECT

Atlantic Canada Conservation Data Centre: Managed and Biologically Significant Areas

DATE: 1/30/2026	PROJ N°: 251600	FIGURE: 1.3
DRAWN BY: SF	CHECKED BY: NM	APPROVED: NM

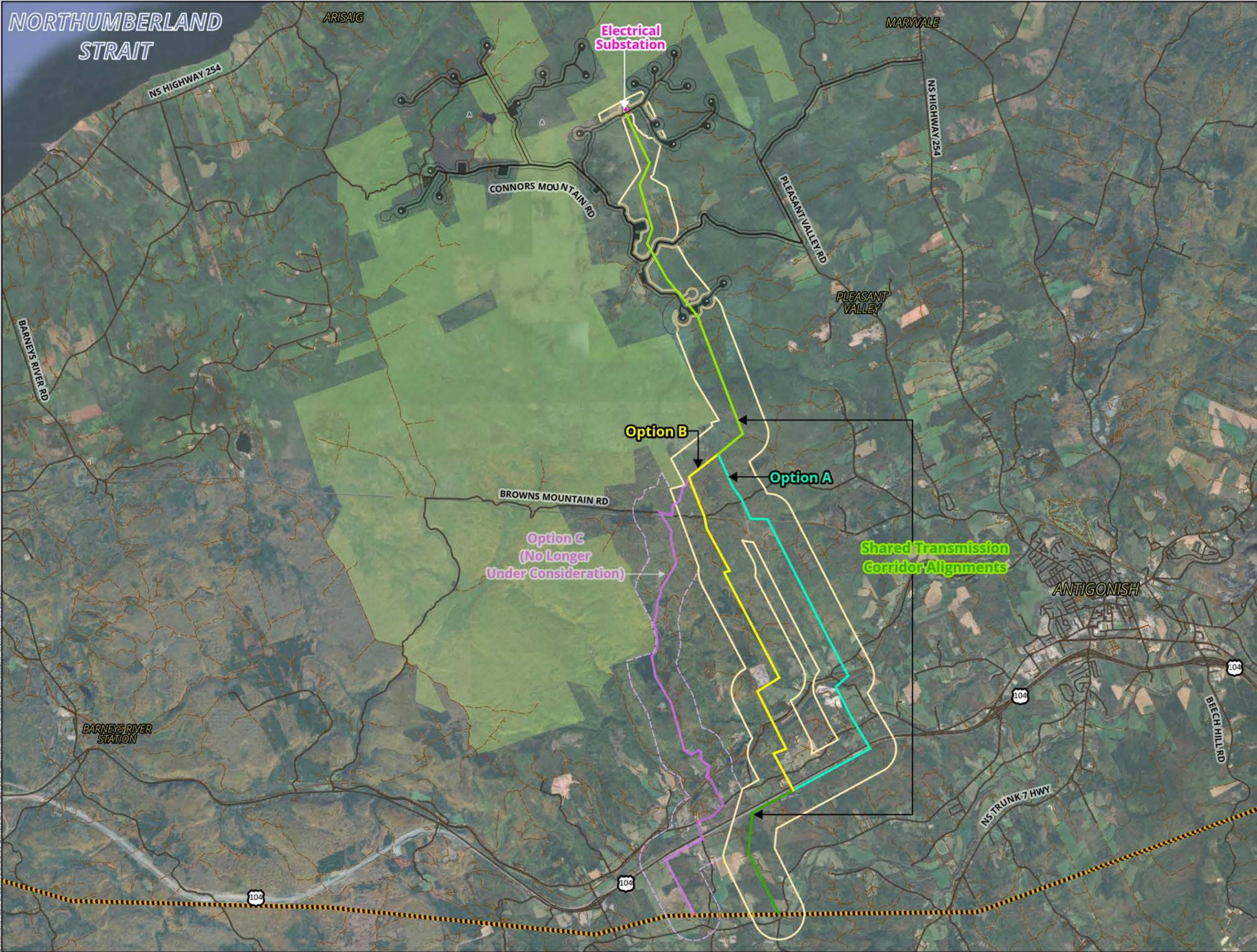
NOTES:

0 1,300 2,600 5,200 m

SCALE: 1:100,000 Coordinate System: NAD 1983 UTM Zone 20N Units: Meter

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NORTHUMBERLAND STRAIT



LEGEND

Electrical Transmission

- Electrical Substation Location
- Transmission Line Areas of Disturbance**
 - Transmission Options A, B & C - Shared AOD
 - Transmission Options A & B - Shared AOD
 - Transmission Option A AOD
 - Transmission Option B AOD
 - Transmission Option C AOD
- Transmission Line Potential Development Area(s)**
 - Transmission Line Option C (No Longer Under Consideration)
 - Transmission Line Options A & B
- Main Project Area Infrastructure**
 - Turbine Location
 - Potential Development Area
 - Area of Disturbance
 - Addressed Road (NSTD, 2025)
 - Trail / Resource Road / No Maintenance
 - Eigg Mountain - James River Wilderness Area
 - NSPI Transmission Corridor



EIGG MOUNTAIN WIND PROJECT

Transmission Line Options

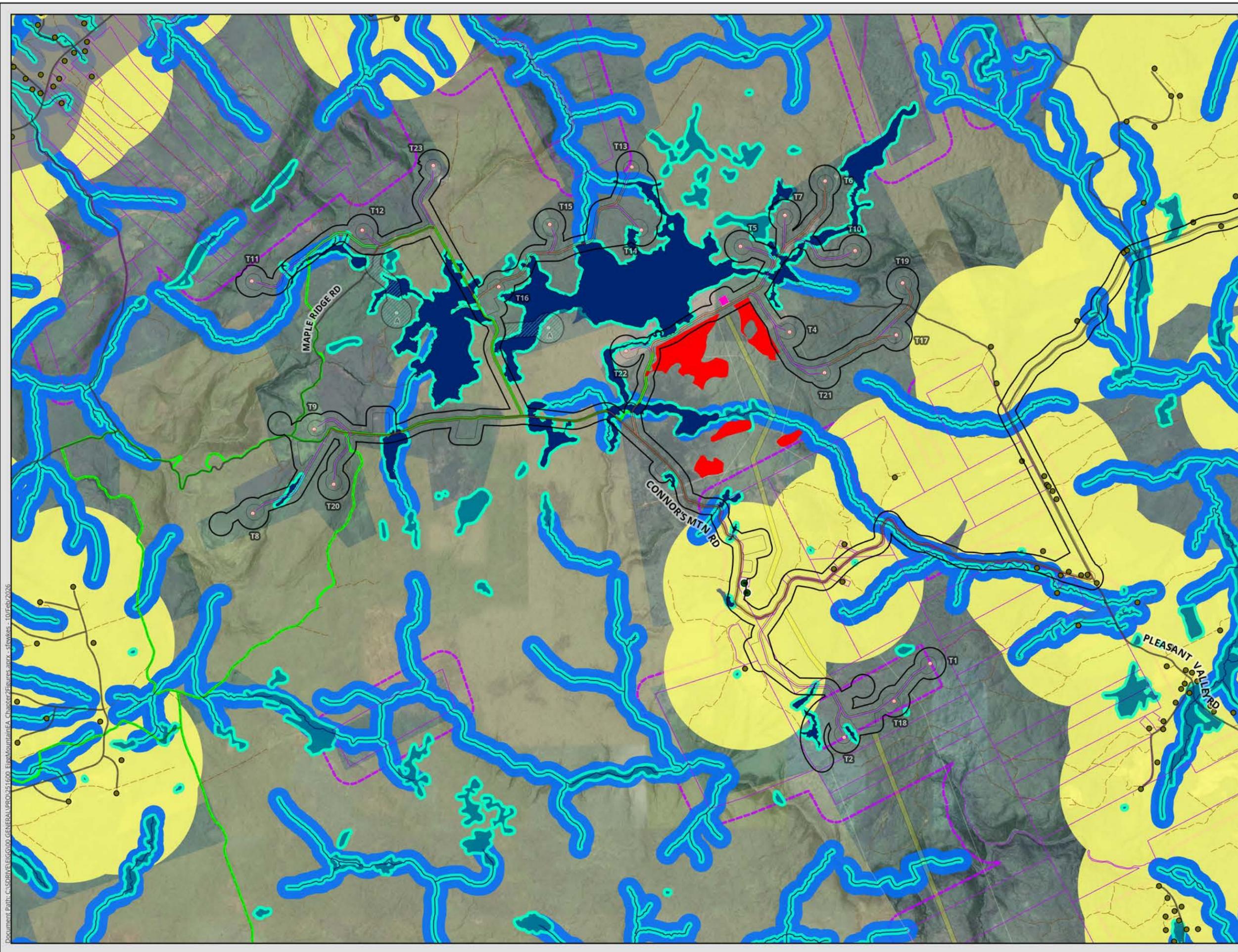
DATE: 2/10/2026	PROJ N°: 251600	FIGURE: 2.1
DRAWN BY: SF	CHECKED BY: NM	APPROVED: NM

NOTES:

0 950 1,900 3,800 m

SCALE: 1:75,000 Coordinate System: NAD 1983 UTM Zone 20N Units: Meter

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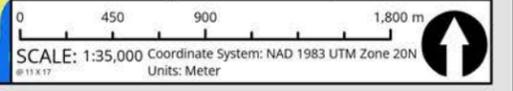
- Turbine Setback Buffers**
- 30m - Provincial Hydrology (Watercourse & Wetland) Setback
 - 111.5m - Municipal Hydrology (Watercourse) Setback
 - 173m - Project-Adjacent Private Property Boundary Setback (Height of Rotor + 10m)
 - 399m - Provincial Highway Setback
 - 798m - Civic Address Setback (4x Total Turbine Height)
 - 1000m - FM Radio Tower Setback
- Turbine Setback Layers**
- Old Growth Forest Policy (Avoid)
 - FM Radio Tower
 - Civic Address
 - Eigg Mountain - James River Wilderness Area
 - Project-Adjacent Private Property
 - Snowmobile Association of Nova Scotia (SANS) Trail Hydrology (NSHN, CBCL 2025)
 - Watercourse
 - Wetland (Delineated)
 - Wetland (Provincial Dataset)
- Main Project Area Infrastructure**
- Area of Disturbance (Maximum)
 - Turbine Location (22)
 - Potential Development Area
 - Turbine Location (Alternate) (24)
 - Potential Development Area (Alternate Turbine)
 - Road - Existing - To Be Improved
 - Road - New Construction
 - Electrical Substation Location
- Electrical Transmission Infrastructure**
- Transmission Line Area of Disturbance
 - Transmission Line Potential Development Area
 - Addressed Road (NSTD, 2025)
 - Trail / Resource Road / No Maintenance



EIGG MOUNTAIN WIND PROJECT

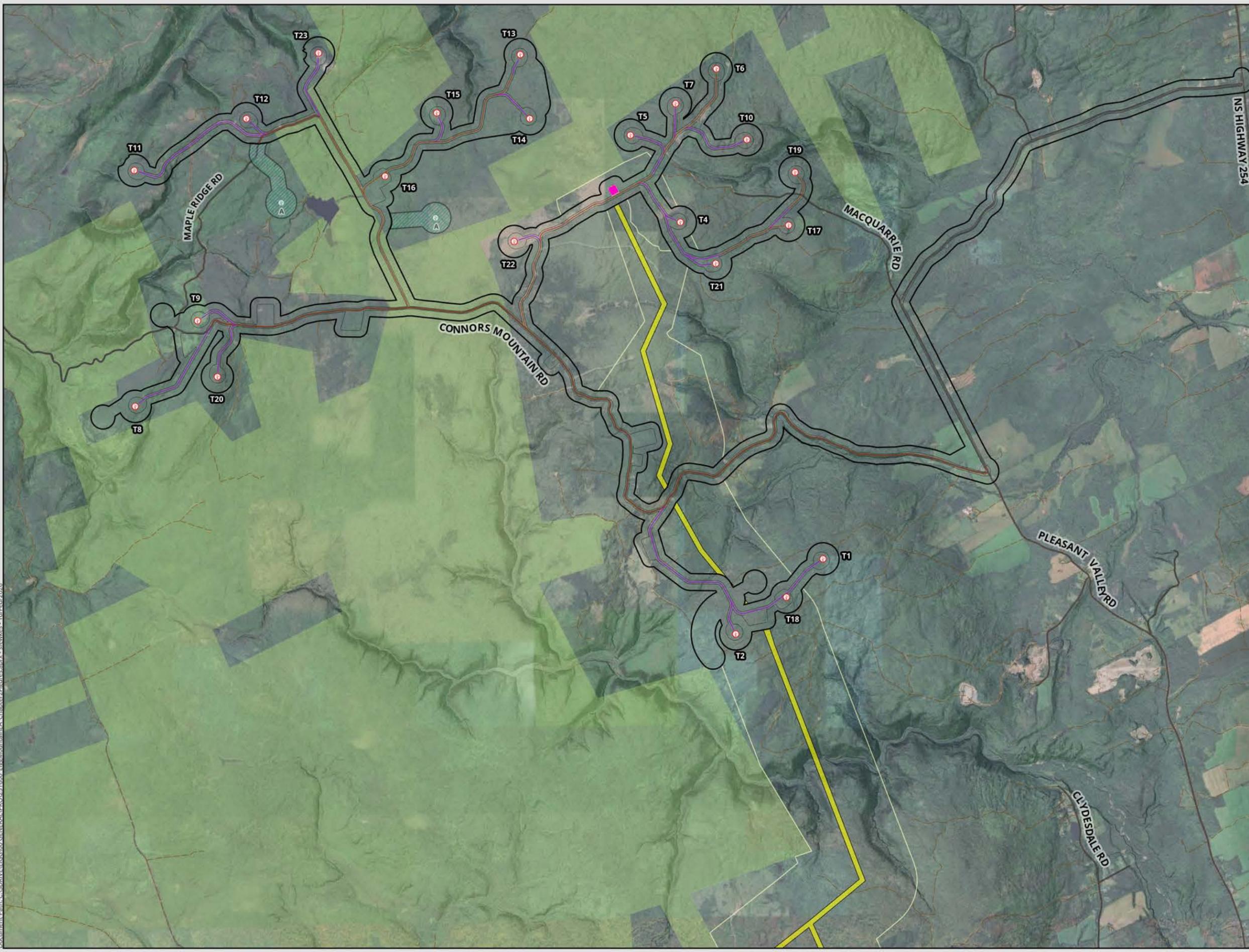
Turbine Layout and Turbine Siting Constraints

DATE: 2/10/2026	PROJ N°: 251600	FIGURE: 2.2
DRAWN BY: SF	CHECKED BY: NM	APPROVED: NM



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- LEGEND**
- Main Project Area Infrastructure**
- Area of Disturbance (Maximum)
 - Turbine Location (22)
 - Potential Development Area
 - Turbine Location (Alternate) (2)
 - Potential Development Area (Alternate Turbine)
 - Road - Existing - To Be Improved
 - Road - New Construction
 - Electrical Substation Location
- Electrical Transmission Infrastructure**
- Transmission Line Area of Disturbance
 - Transmission Line Potential Development Area
 - Addressed Road (NSTD, 2025)
 - Trail / Resource Road / No Maintenance
 - Eigg Mountain - James River Wilderness Area



EIGG MOUNTAIN WIND PROJECT

Project Layout: Main Project Area

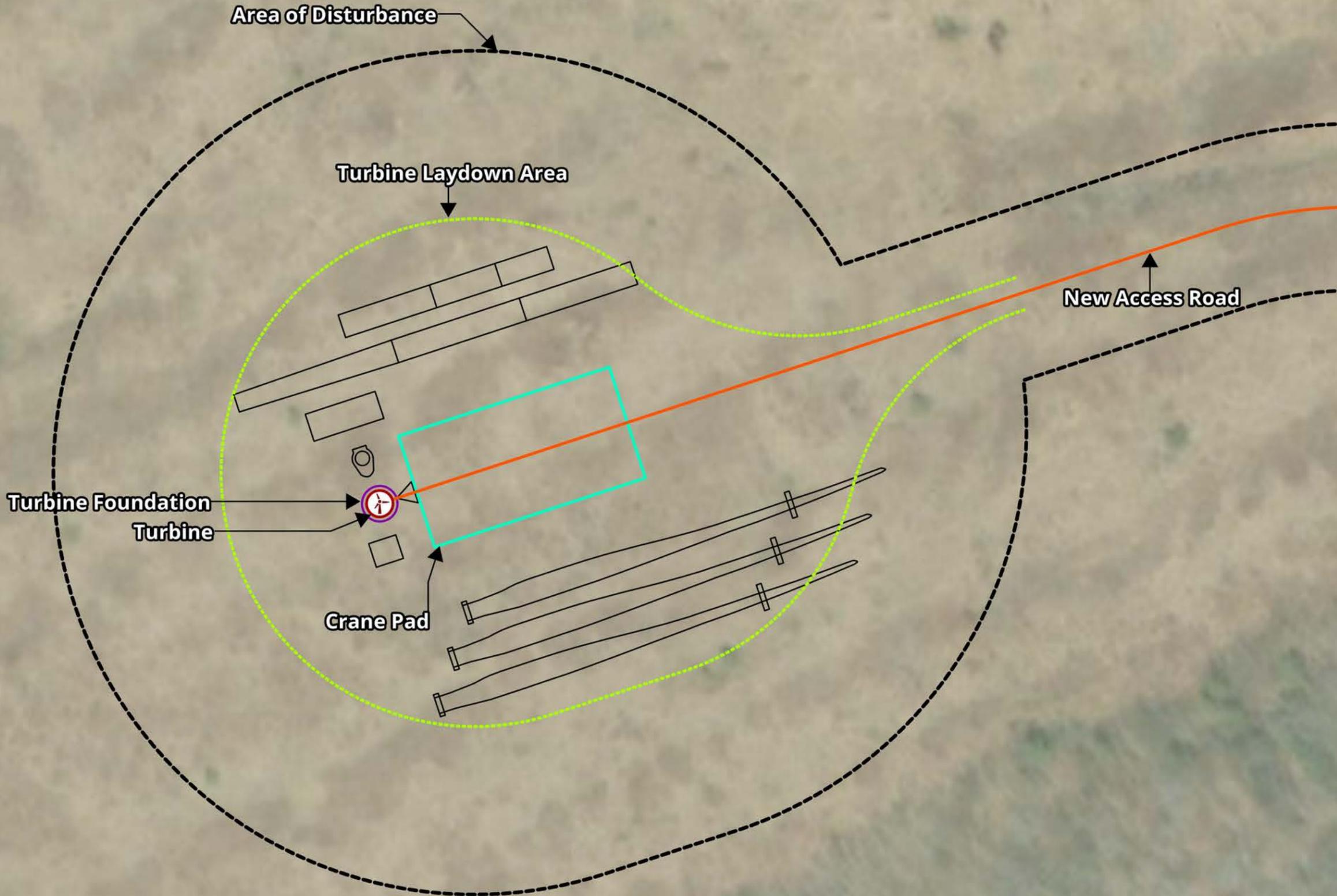
DATE: 2/10/2026	PROJ N°: 251600	FIGURE: 2.3
DRAWN BY: SF	CHECKED BY: NM	APPROVED: NM

NOTES:

0 455 910 1,820 m

SCALE: 1:35,000 Coordinate System: NAD 1983 UTM Zone 20N Units: Meter

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- LEGEND**
- Turbine Location
 - New Access Road
 - Turbine Laydown Area
 - Crane Pad
 - Area of Disturbance



EIGG MOUNTAIN
WIND PROJECT

**Typical Turbine Layout
During Construction**

DATE: 2/10/2026	PROJ N°: 251600	FIGURE: 2.4
DRAWN BY: SF	CHECKED BY: NM	APPROVED: NM

NOTES:

0 5 10 20 m
SCALE: 1:750 Coordinate System: NAD 1983 UTM Zone 20N
Units: Meter

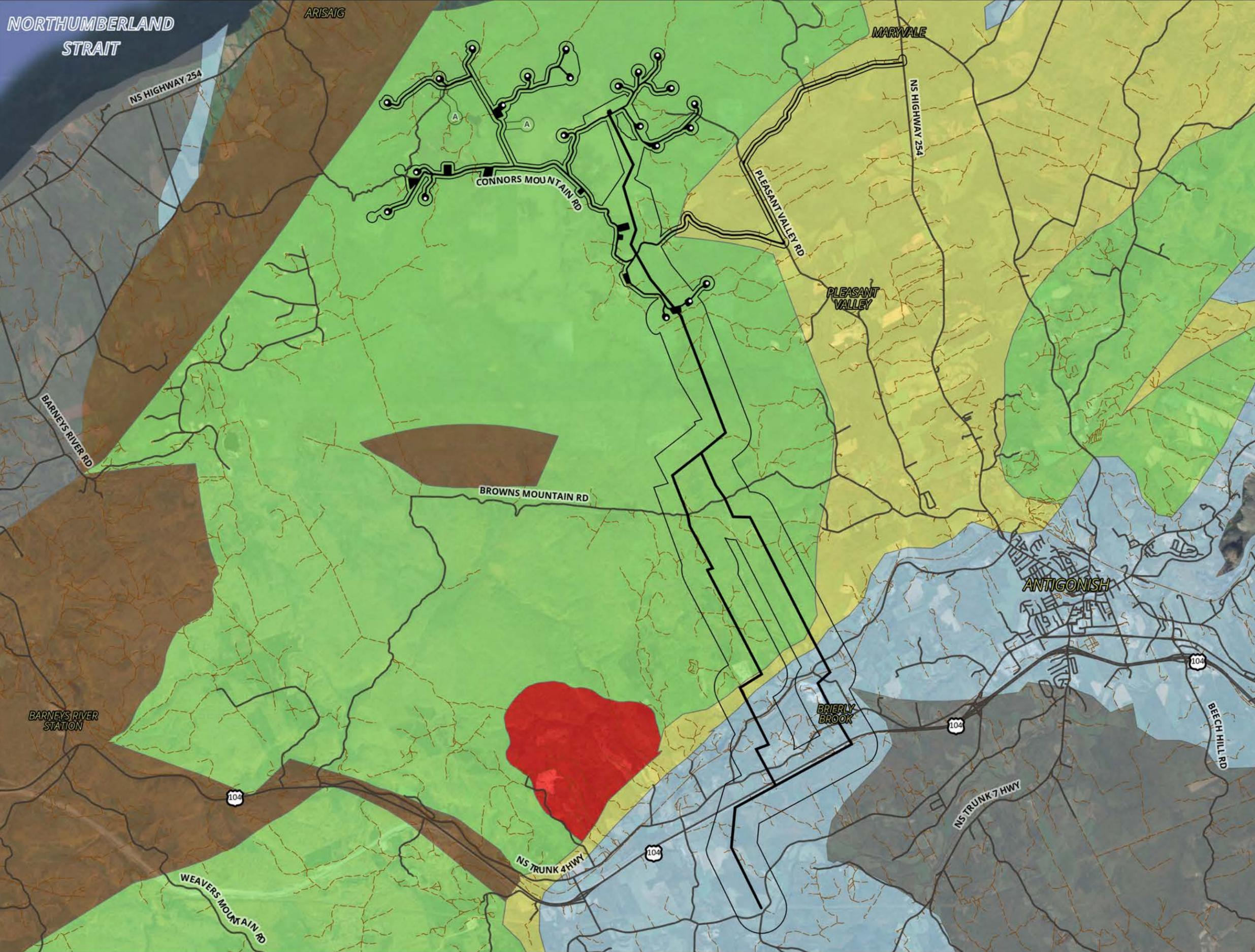
NORTHUMBERLAND STRAIT

ARISAIG

MARVALE



- LEGEND**
- Turbine
 - Potential Development Area
 - Area of Disturbance
 - Trail / Resource Road / No Maintenance
 - Addressed Road (NSTD, 2025)
- Bedrock Geology (NSTD, 2025)**
- Arisaig Group
 - Devonian - Carboniferous granite
 - Georgeville Group
 - Horton Group
 - Mabou Group
 - Windsor Group



EIGG MOUNTAIN WIND POWER PROJECT

Bedrock Geology

DATE: 1/15/2026	PROJ N°: 251600	FIGURE: 6.1
DRAWN BY: SF	CHECKED BY: RT	APPROVED: NM

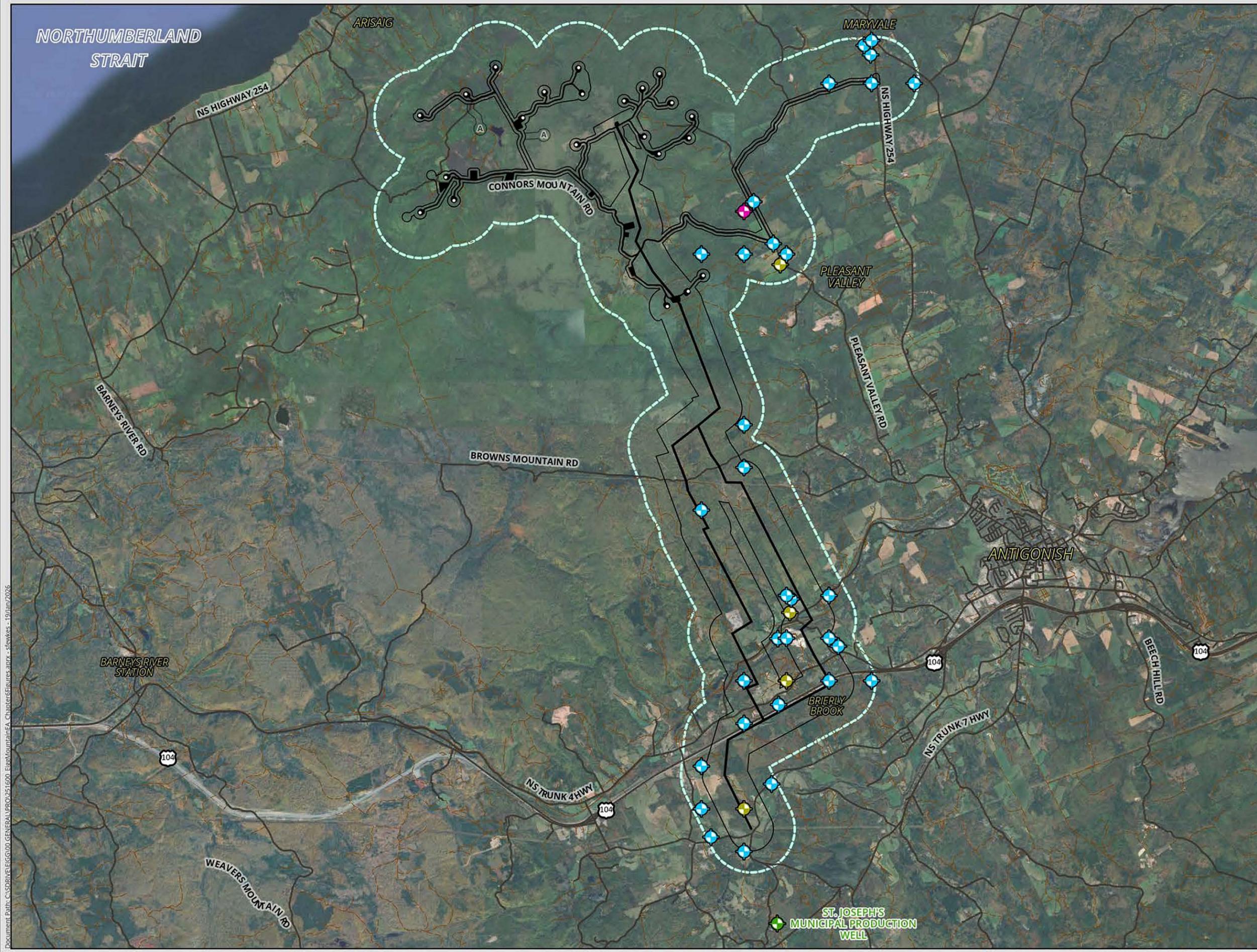
NOTES:

0 950 1,900 3,800 m

SCALE: 1:76,000 Coordinate System: NAD 1983 UTM Zone 20N Units: Meter

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NORTHUMBERLAND STRAIT



- LEGEND**
- Turbine
 - Potential Development Area
 - Area of Disturbance
 - 1km Area of Disturbance Buffer
 - Trail / Resource Road / No Maintenance
 - Addressed Road (NSTD, 2025)

- Nova Scotia Well Logs Database**
- Water Use Type*
- Unknown Use (12)
 - Commercial Use (1)
 - Domestic Use (70)
 - Municipal Use (1)



EIGG MOUNTAIN WIND PROJECT

Nova Scotia Well Water Database

DATE: 1/19/2026	PROJ N°: 251600	FIGURE: 6.2
DRAWN BY: SF	CHECKED BY: RT	APPROVED: NM

NOTES:

0 1,100 2,200 4,400 m

SCALE: 1:85,000 Coordinate System: NAD 1983 UTM Zone 20N
 Units: Meter

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NORTHUMBERLAND STRAIT

ARSAIG

MARYVALE



LEGEND

- Turbine
 - Potential Development Area
 - Area of Disturbance
 - Trail / Resource Road / No Maintenance
 - Addressed Road (NSTD, 2025)
- Karst Risk (NSTD, 2025)**
- High Karst Potential (96% of documented sinkholes)
 - Moderate Karst Potential
 - Low Karst Potential

NS HIGHWAY 254

CONNORS MOUNTAIN RD

PLEASANT VALLEY RD

NS HIGHWAY 254

PLEASANT VALLEY

BROWNS MOUNTAIN RD

ANTIGONISH

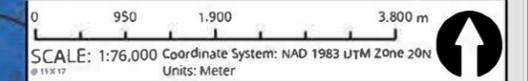


EIGG MOUNTAIN WIND PROJECT

Karst Risk

DATE: 1/15/2026	PROJ N°: 251600	FIGURE: 6.3
DRAWN BY: SF	CHECKED BY: RT	APPROVED: NM

NOTES:



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BARNEYS RIVER STATION

BRIERLY BROOK

104

104

104

104

WEAVERS MOUNTAIN RD

NS TRUNK 4 HWY

NS TRUNK 7 HWY

BEECH HILL RD

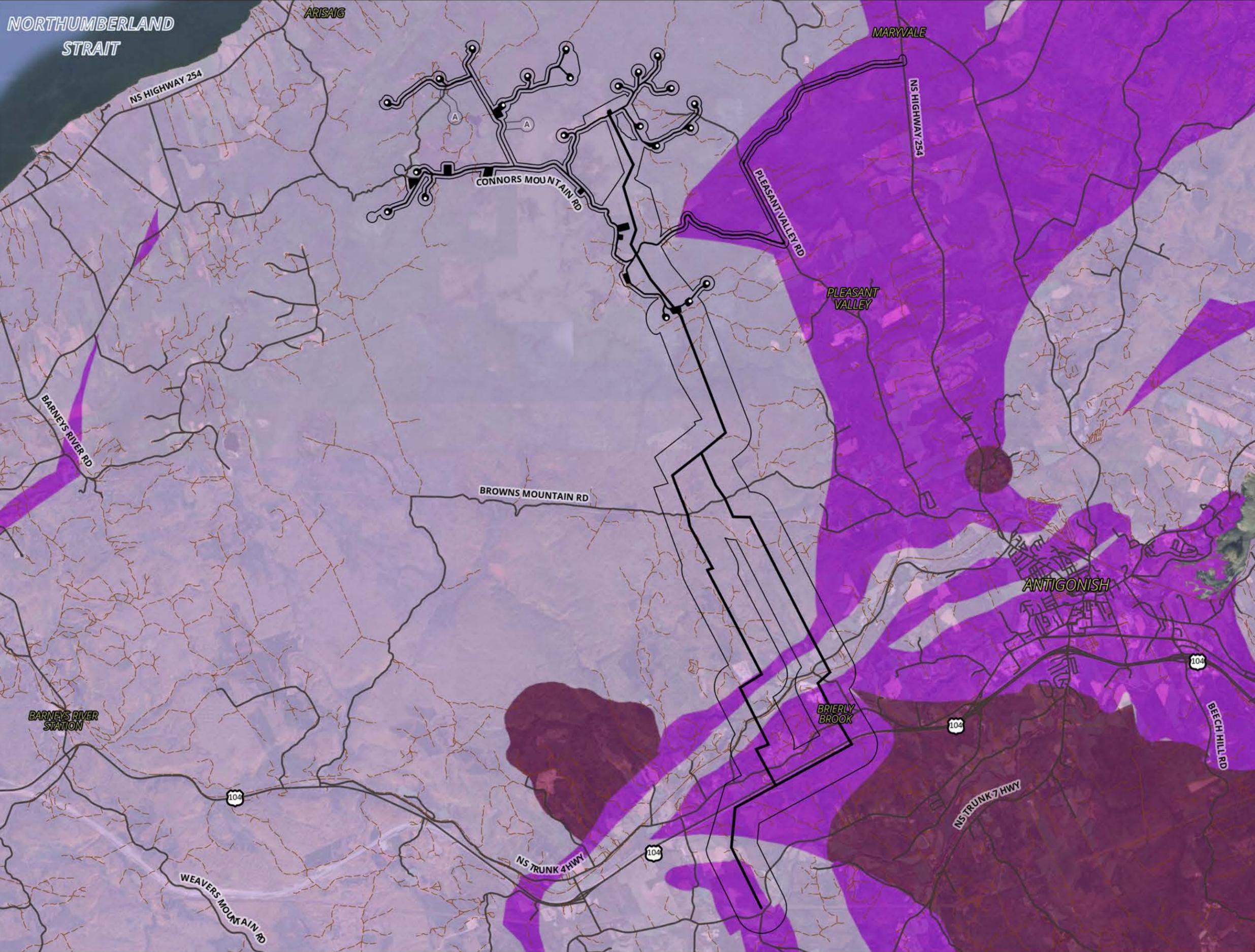
NORTHUMBERLAND STRAIT

ARISAIG

MARYVALE



- LEGEND**
- Turbine
 - ▭ Potential Development Area
 - Area of Disturbance
 - Trail / Resource Road / No Maintenance
 - Addressed Road (NSTD, 2025)
- Relative Risk of Arsenic in Well Water (Bedrock Wells)**
- Low Risk
 - Medium Risk
 - High Risk



EIGG MOUNTAIN WIND PROJECT

Arsenic Risk to Bedrock Groundwater Wells

DATE: 2/10/2026	PROJ N°: 251600	FIGURE: 6.4
DRAWN BY: SF	CHECKED BY: RT	APPROVED: NM

NOTES:

0 950 1,900 3,800 m

SCALE: 1:76,000 Coordinate System: NAD 1983 UTM Zone 20N Units: Meter

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NORTHUMBERLAND STRAIT

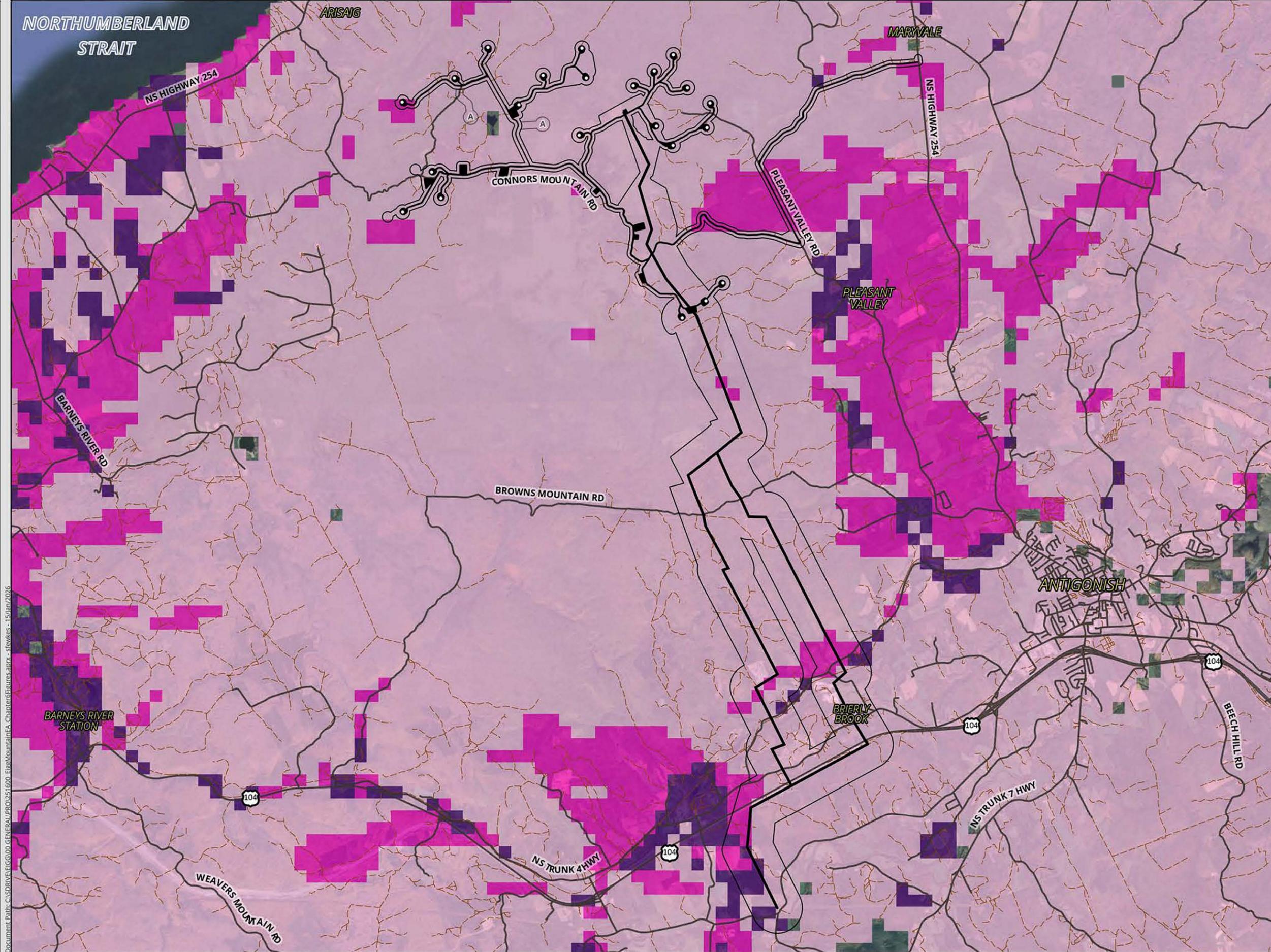
ARISAIG

MARYVALE



LEGEND

- Turbine
 - Potential Development Area
 - Area of Disturbance
 - Trail / Resource Road / No Maintenance
 - Addressed Road (NSTD, 2025)
- Potential for Radon in Indoor Air**
- Low Risk
 - Medium Risk
 - High Risk

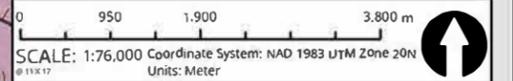


EIGG MOUNTAIN
WIND PROJECT

**Potential For Radon
in Indoor Air**

DATE: 1/15/2026	PROJ N°: 251600	FIGURE: 6.5
DRAWN BY: SF	CHECKED BY: RT	APPROVED: NM

NOTES:



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NORTHUMBERLAND STRAIT



LEGEND

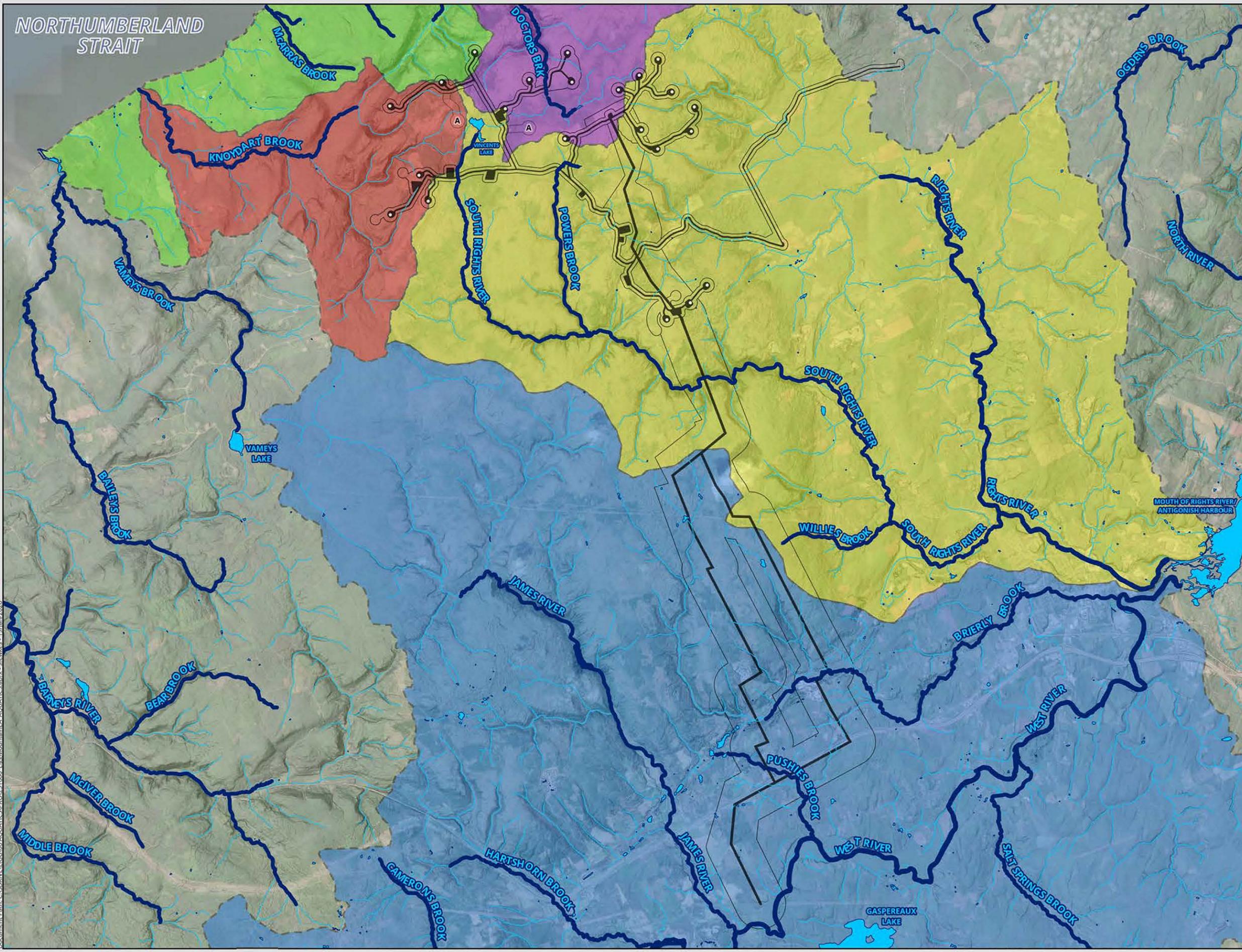
Nova Scotia Hydrologic Network (NSTD, 2025)

- Major Watercourse (Named)
- Minor Watercourse (Unnamed)
- Waterbody

Secondary Watershed Boundary (NSTD, 2025)

- Doctors Brook
- Knoydart Brook
- Rights River
- Shore Direct
- West River

- Turbine
- Area of Disturbance
- Potential Development Area



EIGG MOUNTAIN WIND PROJECT

Watersheds & Major Watercourses

DATE: 1/19/2026	PROJ N°: 251600	FIGURE: 7.1
DRAWN BY: SF	CHECKED BY: MB	APPROVED: LH

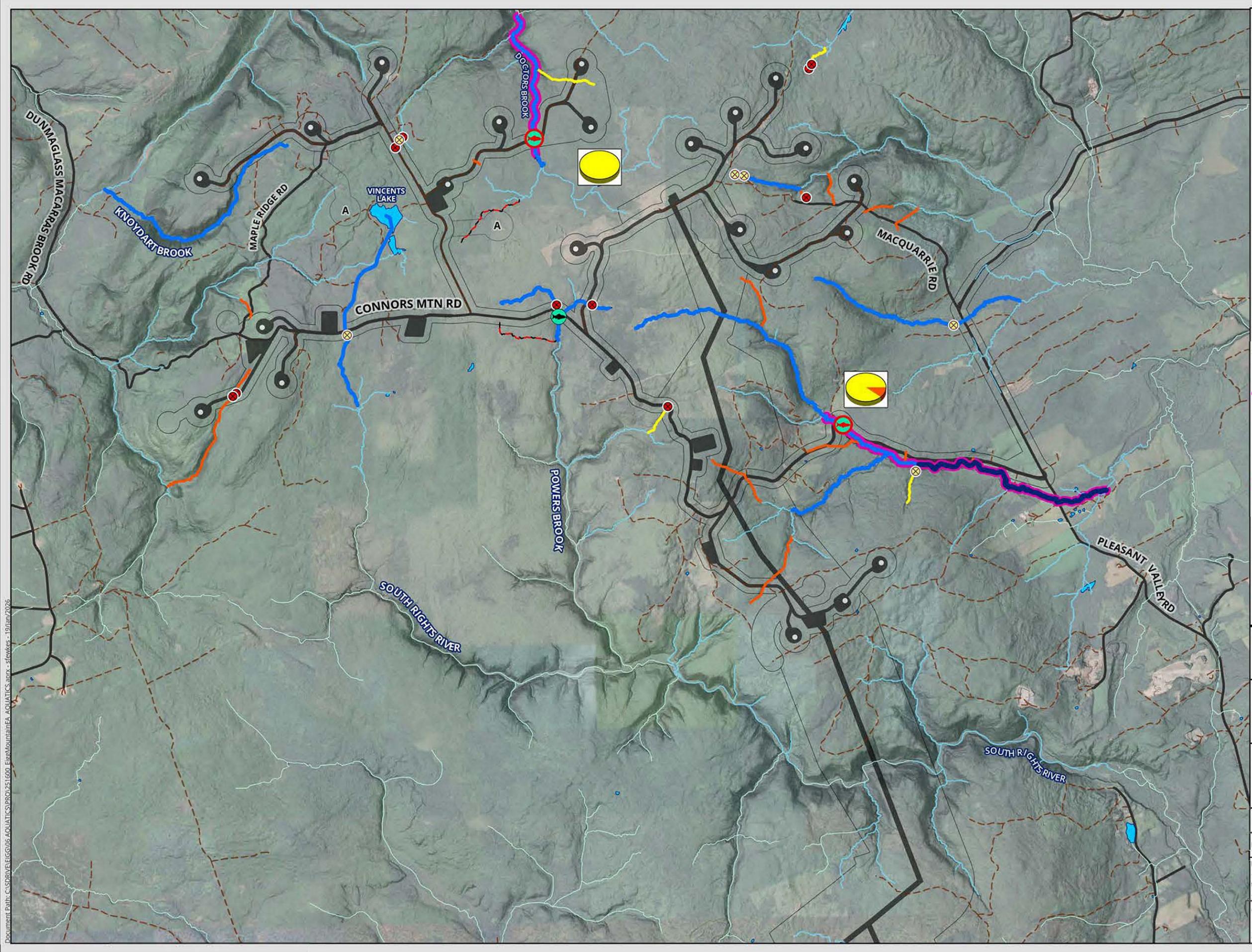
NOTES:

- Watershed boundaries are approximate, and, are meant to be geographic representations only
- Accessed from the Nova Scotia Topographic Database, 2025

0 950 1,900 3,800 m

SCALE: 1:76,000 Coordinate System: NAD 1983 UTM Zone 20N
Units: Meter

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LEGEND

Watercourse Assessments (CBCL, 2025)

Assessed Watercourse Location

- No Channel (WC Does Not Exist)
- Ephemeral Watercourse
- Intermittent Watercourse
- Small-Permanent Watercourse
- Large-Permanent Watercourse
- Predicted Watercourse (CBCL, 2025)
- Watercourse (NSHN, 2025)

Electrofishing Efforts

- Electrofishing Location - Fish Captured
- Electrofishing Location - No fish Captured

SPECIES DISTRIBUTION BREAKDOWN

- Brook Trout
- Brown Trout

Fish Bearing Watercourse

Barriers to Fish Movement

- Full Barrier to Fish Movement
- Partial Barrier to Fish Movement
- Waterbody
- Turbine
- Area of Disturbance
- Potential Development Area
- Road (Addressed)
- Trail / Track / Resource Road



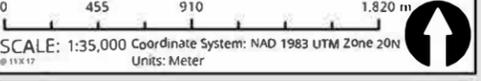
EIGG MOUNTAIN WIND PROJECT

Watercourse Assessment Results

DATE: 1/19/2026	PROJ N°: 251600	FIGURE: 7.2
DRAWN BY: SF	CHECKED BY: MB	APPROVED: LH

NOTES:

- Watershed boundaries are approximate, and, are meant to be geographic representations only
- Accessed from the Nova Scotia Topographic Database, 2025



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