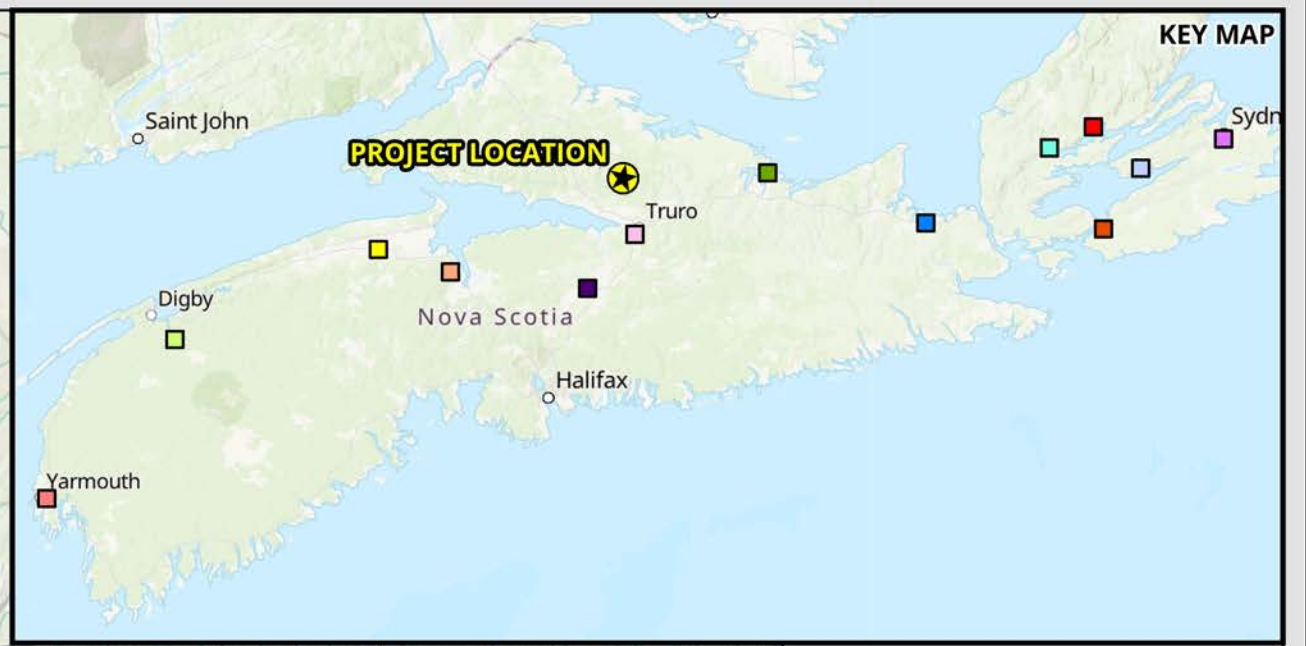
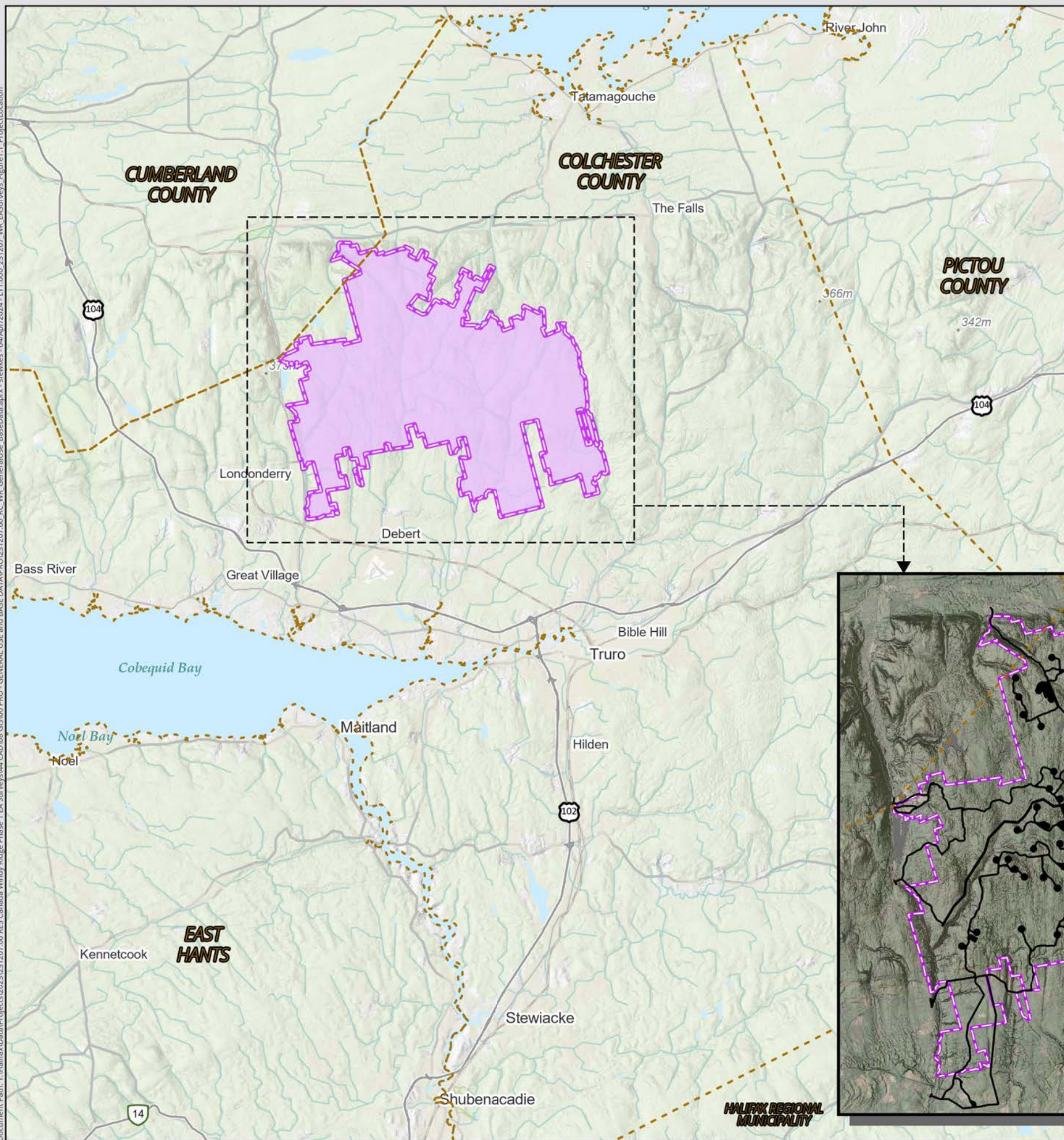


Document Path: \\HalifaxData\Projects\2023\231207\00 RES Canada Windy Ridge Phase 1 EA Surveys\44 CAD\08 GIS\00 PRO - GENERAL USE and BASE DATA\PROV\231207\00 RC WR_GeneralUse_BaseData.aprx - sfewkes_04/Apr/2024 - 1YT000-231207 WR_EASurveys_Figure1.1_ProjectLocation

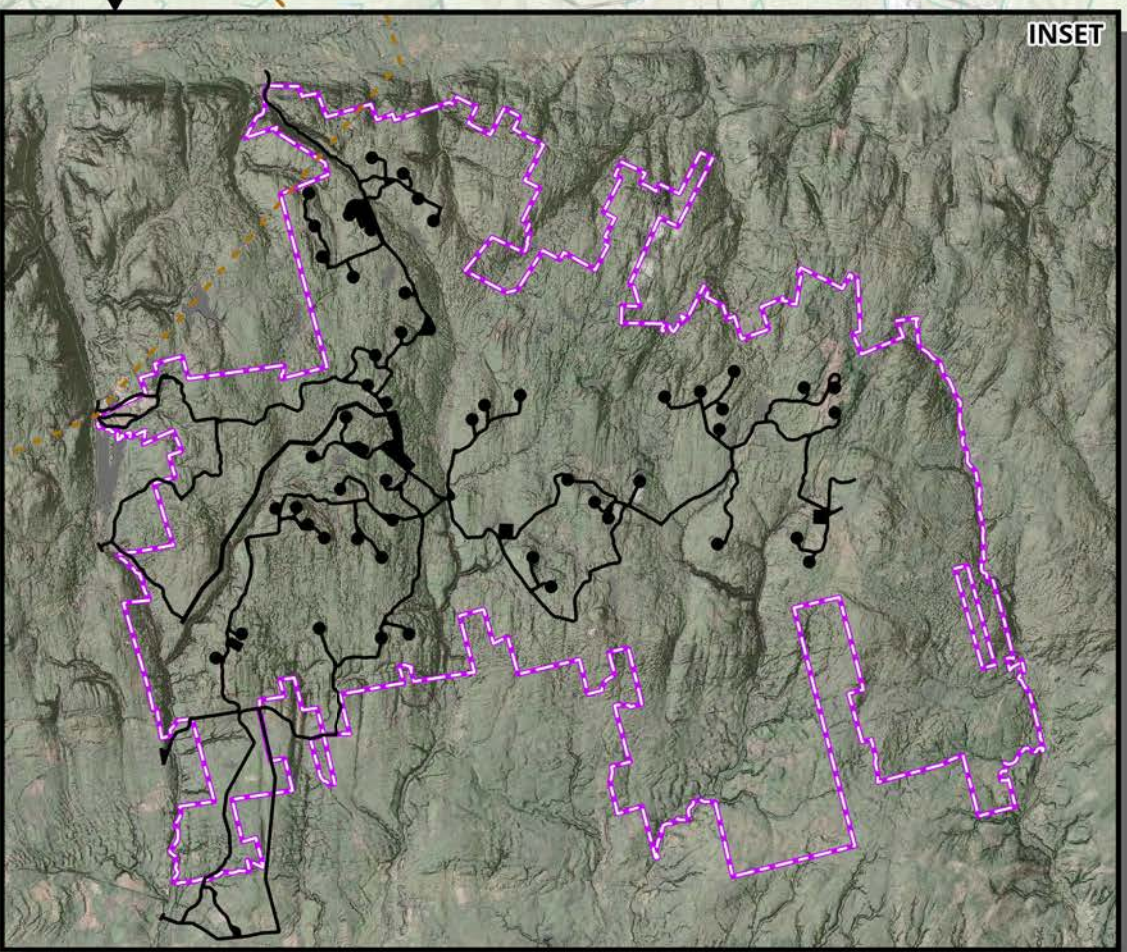


LEGEND

- Initial Constraints Identification Area
- Potential Development Area
- Municipality Boundary

Mi' kmaq Communities

- Acadia
- Annapolis Valley
- Bear River
- Eskasoni
- Glooscap
- Membertou
- Millbrook
- Paqtnkek
- Pictou Landing
- Potlotek
- Sipeknek'katik
- Wagmatcook
- We'Koqma'q



**WINDY RIDGE
WIND POWER PROJECT**

Project Location

DATE: 2024-04-04	PROJ N°: 231207	FIGURE: 1.1
DRAWN BY: SF	CHECKED BY: AC	APPROVED: NM

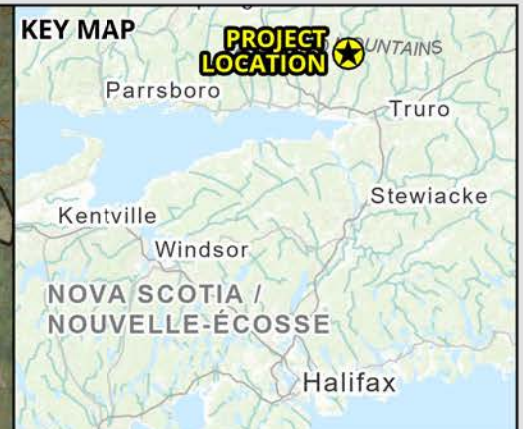
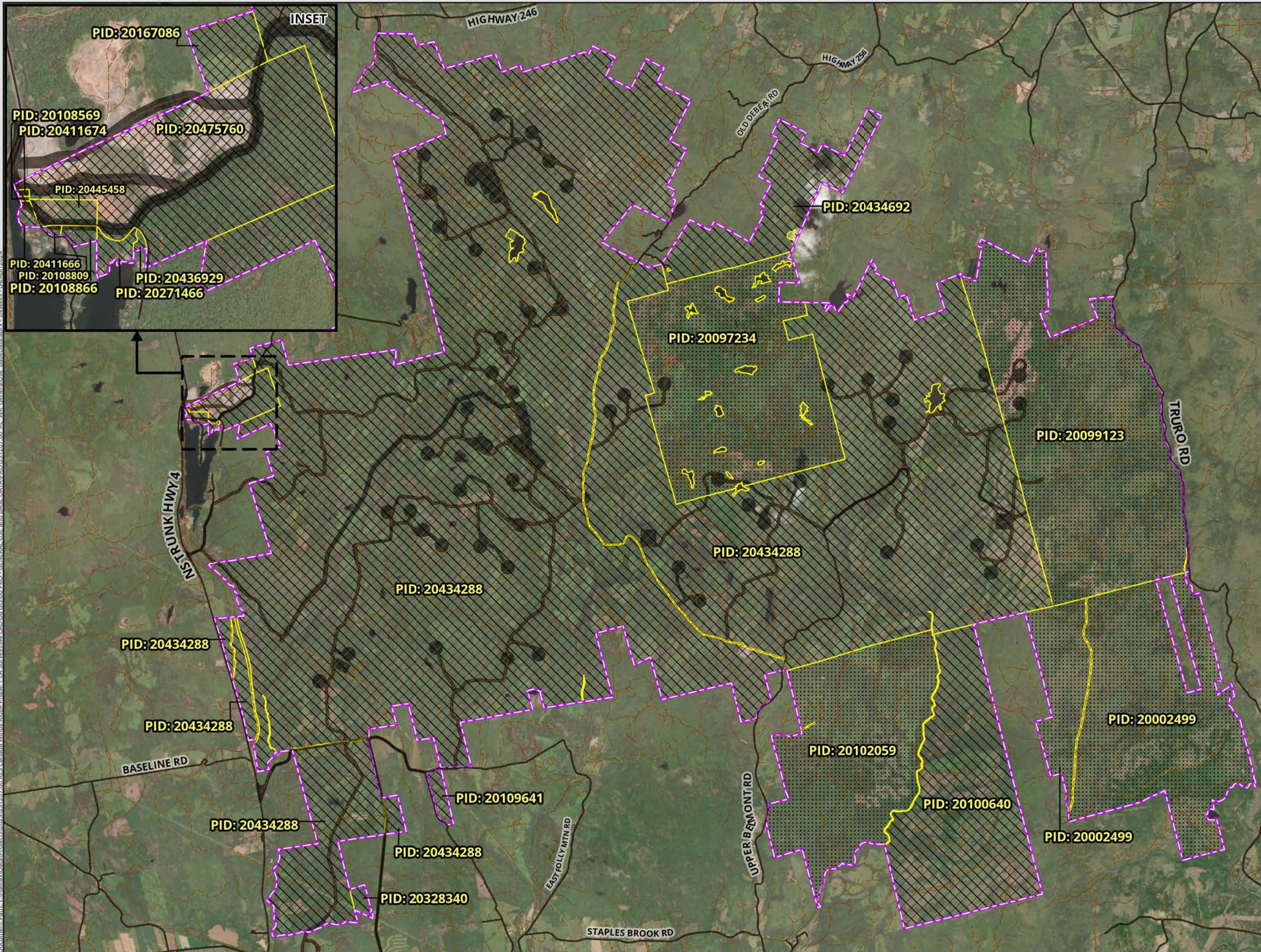
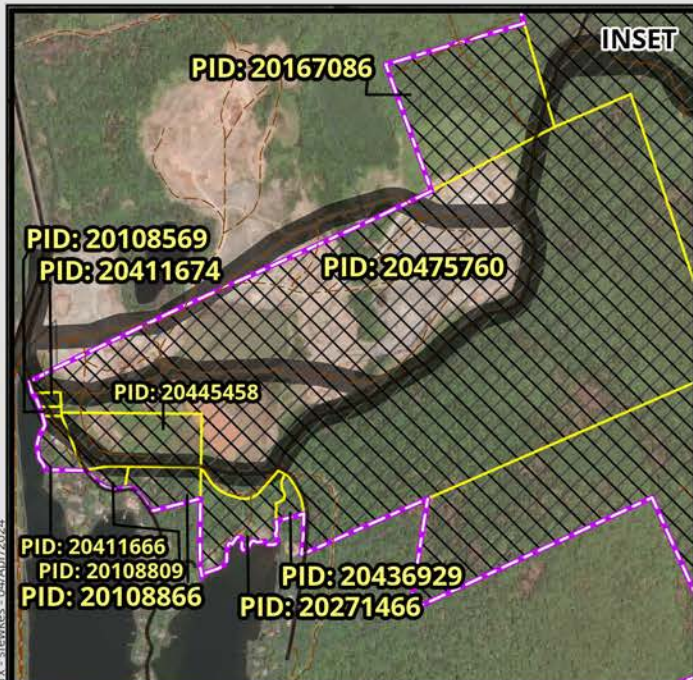
NOTES:

0 3,750 7,500 15,000 m

SCALE: 1:300,000 Coordinate System: NAD 1983 UTM Zone 20N
Units: Meter

**HALIFAX REGIONAL
MUNICIPALITY**

Document Path: \\HalifaxData\Projects\2023\20231207\00 BCS Canada Windy Ridge Phase 1 EA_Survey\44 CAD\08 GIS\000 PRO - GENERAL USE and BASE DATA\PROV\2023\00 BC WR GeneralUse BaseData.aprx - 04/Apr/2024



LEGEND

- Initial Constraints Identification Area
- Property Boundaries
- Private Lands
- Crown Lands
- Potential Development Area



WINDY RIDGE WIND POWER PROJECT

Property Ownership Within Project Lands

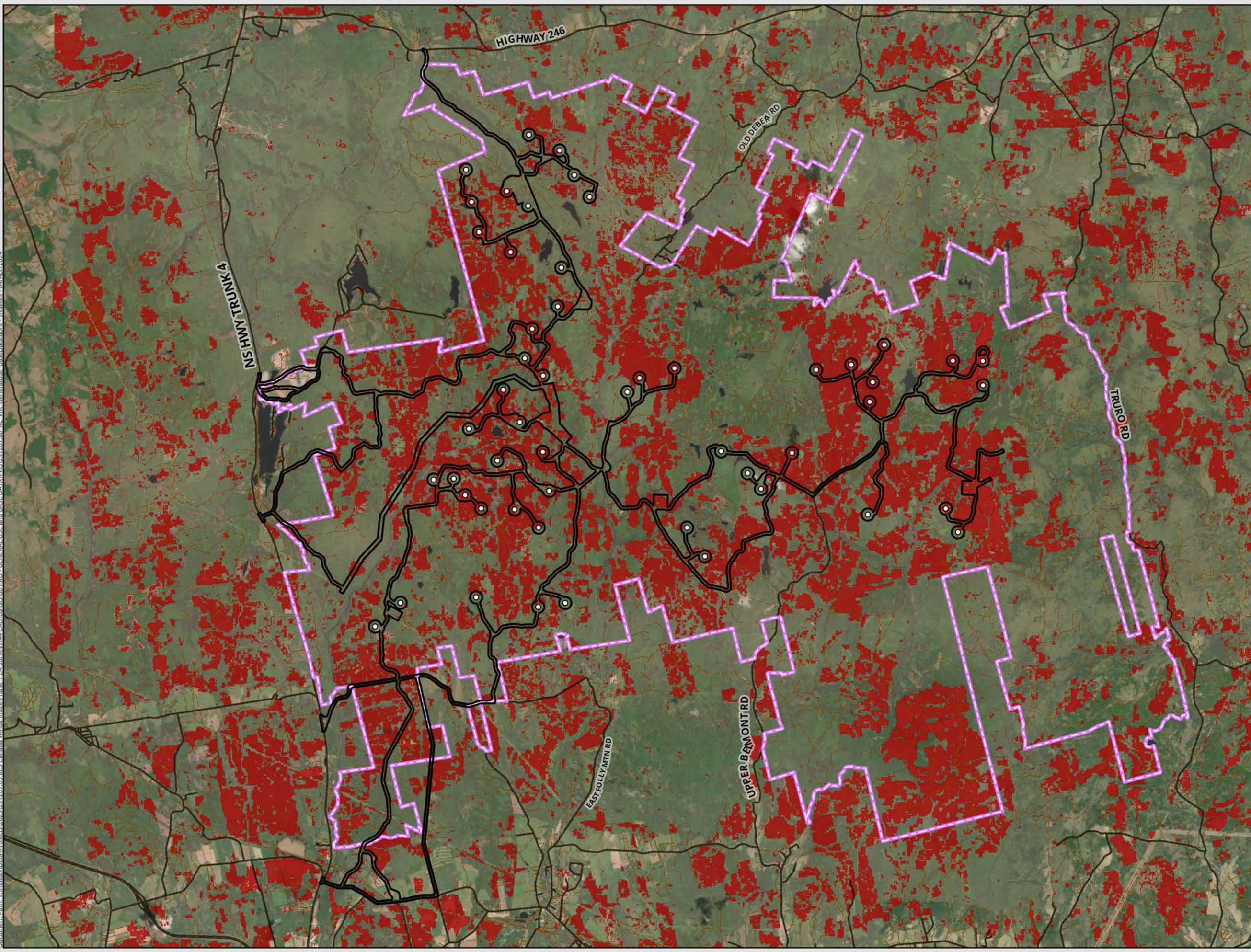
DATE: 2024-04-04	PROJ N°: 231207	FIGURE: 1.2
DRAWN BY: SF	CHECKED BY: AC	APPROVED: NM

NOTES:

0 500 1,000 2,000 m

SCALE: 1:77,000 Coordinate System: NAD 1983 UTM Zone 20N Units: Meter

Document Path: \\Halifax\Data\Projects\2023\231207\00 BCS Canada Windy Ridge Phase 1 EA Surveys\44 CAD\08 GIS\00 PRO - GENERAL USE and BASE DATA\PROV\231207\00 BC WR GeneralUse BaseData.aprx - sfewkes_04/Apr/2024



- LEGEND**
- Initial Constraints Identification Area
 - Potential Development Area
 - Turbine
 - Addressed Road (NSTD, 2023)
 - Trail / Resource Road / No Maintenance
 - Area of Forest Loss / Disturbance Between 2001 and 2022



WINDY RIDGE WIND POWER PROJECT

Global Forest Watch: Forest Loss Database

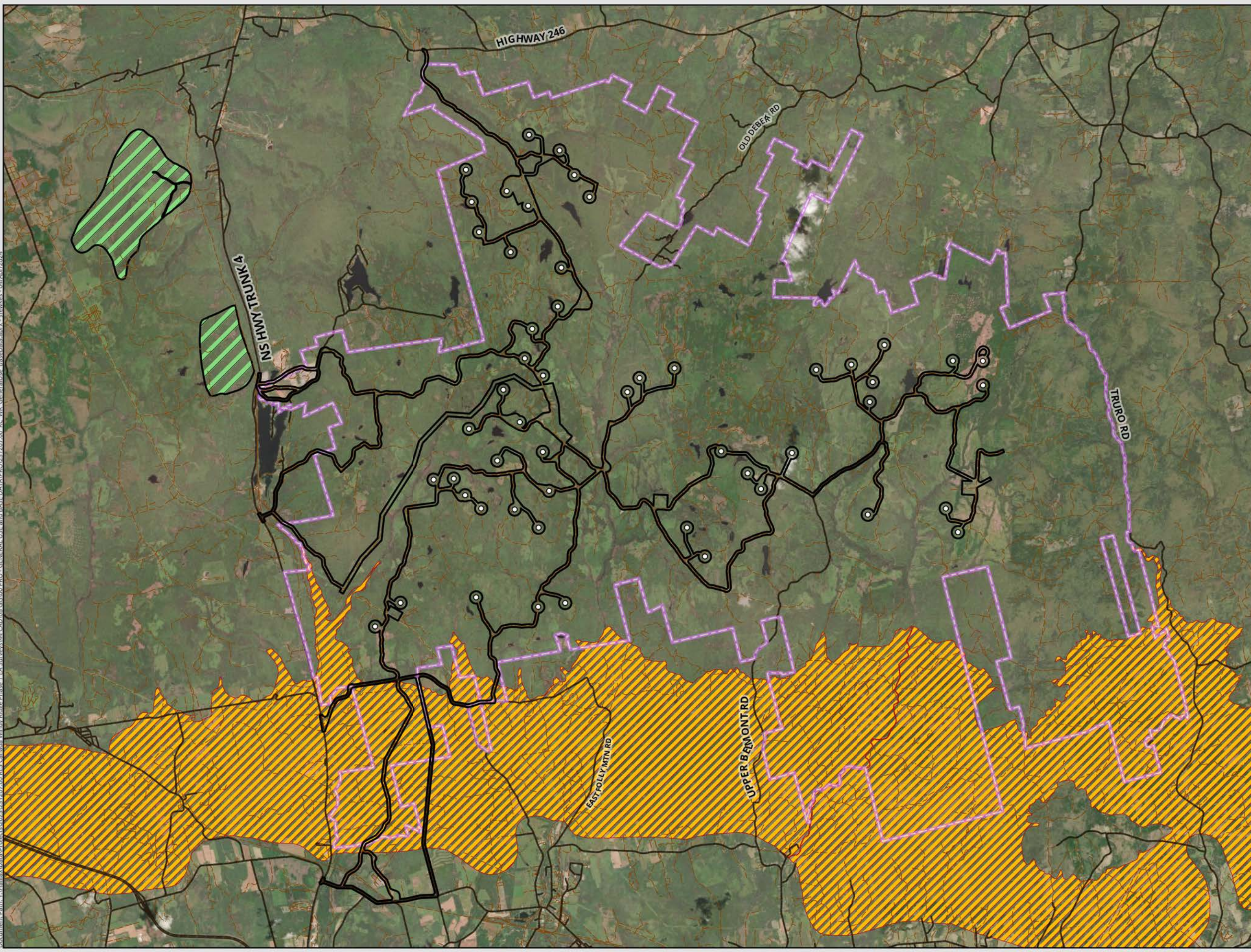
DATE: 2024-04-04	PROJ N°: 231207	FIGURE: 1.3
DRAWN BY: SF	CHECKED BY: NM	APPROVED: NM/DL

NOTES:

0 1,000 2,000 4,000 m

SCALE: 1:88,000 Coordinate System: NAD 1983 UTM Zone 20N
Units: Meter

Document Path: \\HalifaxData\Projects\2023\231207\00 BCS Canada Windy Ridge Phase 1 EA\SURVEY\44 CAD\08 GIS\00 PROJ - GENERAL USE and BASE DATA\PROJ\231207\00 BC WR GeneralUse BaseData.aprx - sfewkes - 04/Apr/2024



- LEGEND**
- Initial Constraints Identification Area
 - Potential Development Area
 - Turbine
 - Addressed Road (NSTD, 2023)
 - Trail / Resource Road / No Maintenance

- Significant Habitats (NSDNRR, October 2023)**
- Deer Wintering Area
 - Other Habitat

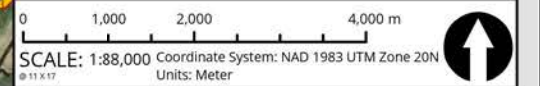


WINDY RIDGE WIND POWER PROJECT

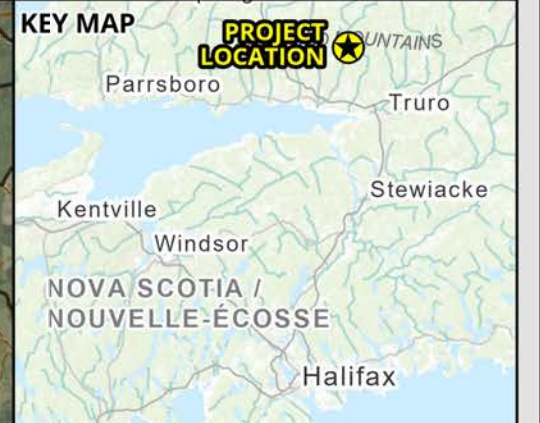
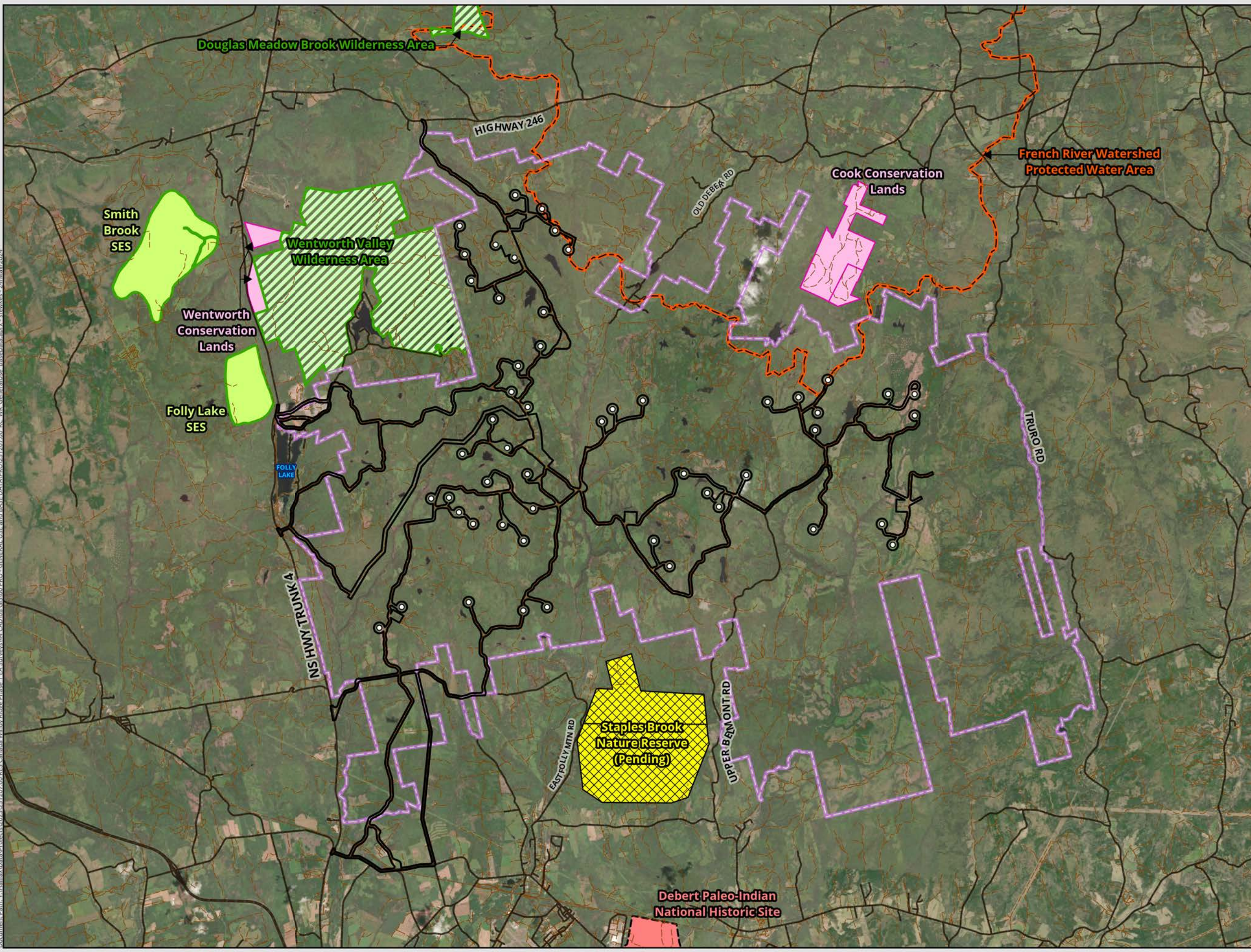
Nova Scotia Significant Habitats Database

DATE: 2024-04-04	PROJ N°: 231207	FIGURE: 1.4
DRAWN BY: SF	CHECKED BY: NM	APPROVED: LH

NOTES:
- Significant habitat layer acquired directly from provincial officials



Document Path: \\HalifaxData\Projects\2023\231207\00\BES_Canada_WindyRidge Phase 1 EA_Survey\44 CAD\08 GIS\00 PROJ - GENERAL USE and BASE DATA\PROJ\231207\00 BC WR_GeneralUse_BaseData.aprx - sfewkes - 24May2024



LEGEND

- Initial Constraints Identification Area
- Potential Development Area
- Turbine
- Addressed Road (NSTD, 2023)
- Trail / Resource Road / No Maintenance


ACCDC Managed & Biologically Significant Areas Database

Significant Areas

- Significant Ecological Area

Managed Areas

- Fee-Simple Ownership by Environmental Non-Governmental Conservation Organization
- National Historic Site
- Nature Reserve (Pending Designation)
- Protected Water Area
- Wilderness Area



**WINDY RIDGE
WIND POWER PROJECT**


**Atlantic Canada
Conservation Data Centre:
Managed and Biologically
Significant Areas**

DATE: 2024-05-24	PROJ N°: 231207	FIGURE: 1.5
DRAWN BY: SF	CHECKED BY: NM	APPROVED: LH

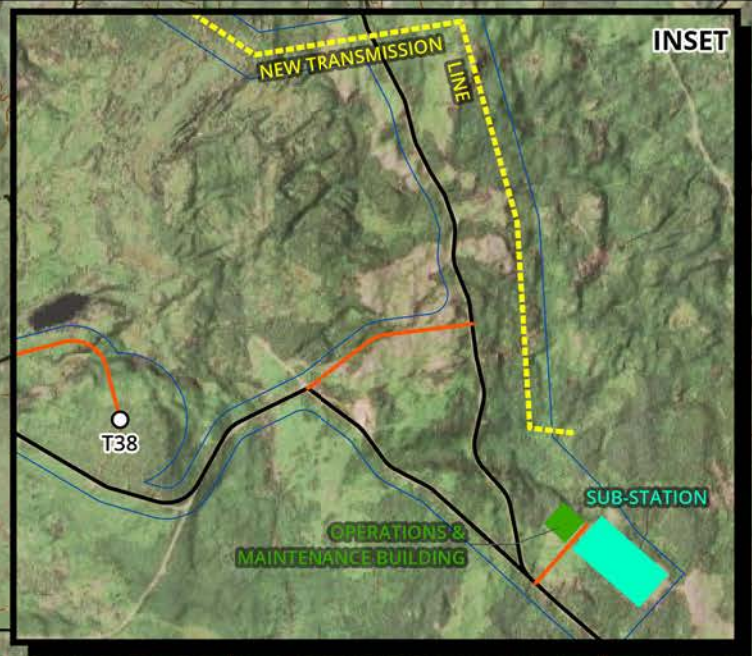
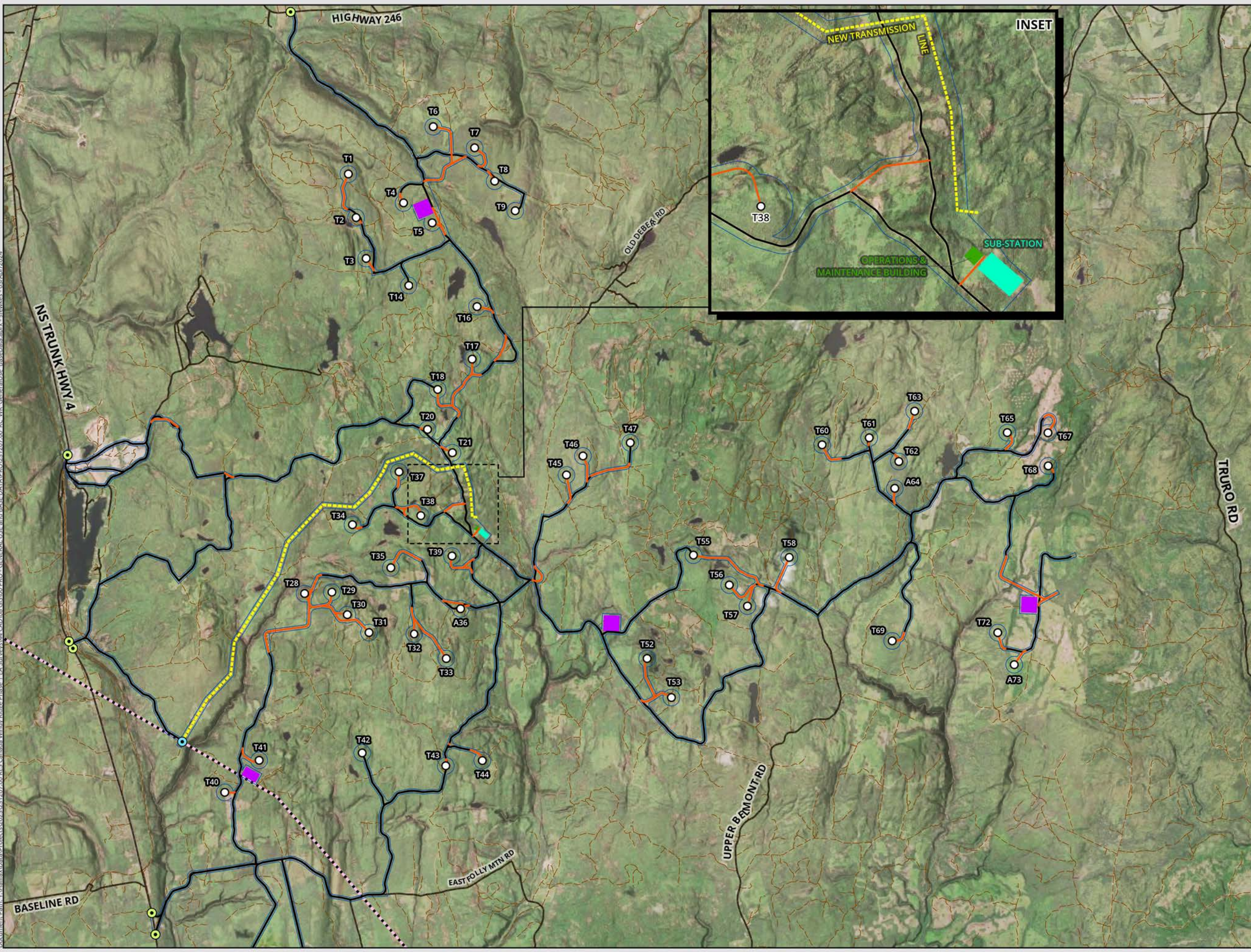
NOTES:
- Significant habitat layer acquired directly from provincial officials

SCALE: 1:100,000
Units: Meter

0 1,250 2,500 5,000 m



Document Path: \\Halifax\Data\Projects\2023\231207\00\BES_Canada_Windy Ridge Phase 1 EA_Survey\44_CAD\08 GIS\000 PRO - GENERAL USE and BASE DATA\PROV\231207\00_BC_WR_GeneralUse_BaseData.aprx - sfewkes - 03/Apr/2024



- LEGEND**
- Turbine Location
 - Point of Access
 - Point of Interconnection
 - New Transmission Line
 - - - Existing NSPI Transmission Line
 - New Access Road
 - Existing Access Road
 - - - Trail / Resource Road / No Maintenance
 - Potential Development Area
 - Laydown Area
 - Operations & Maintenance Building
 - Substation Location



**WINDY RIDGE
WIND POWER PROJECT**

Project Layout

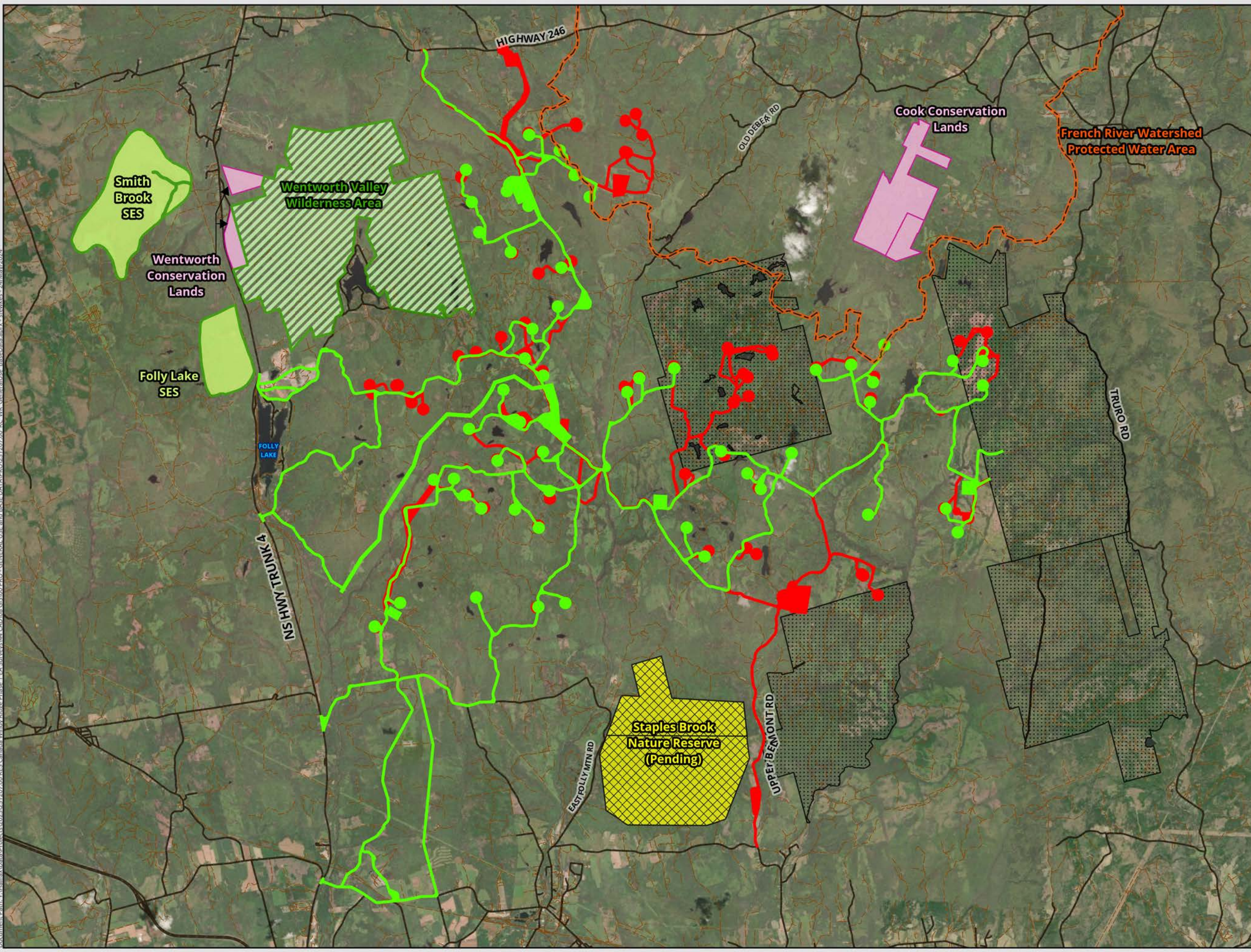
DATE: 2024-04-03	PROJ N°: 231207	FIGURE: 2.1
DRAWN BY: SF	CHECKED BY: AC	APPROVED: NM

NOTES:

0 500 1,000 2,000 m

SCALE: 1:65,000 Coordinate System: NAD 1983 UTM Zone 20N
Units: Meter

Document Path: \\HalifaxData\Projects\2023\231207\00\BES_Canada_WindyRidgePhase1_EA_Survey\44_CADD\08_GIS\00_PRO_GENERAL_USE_and_BASE_DATA\PROV\231207\00_BC_WR_GeneralUse_BaseData.aprx - sfewkes - 24May2024



- LEGEND**
- Current Potential Development Area
 - Previous Potential Development Areas
 - Crown Lands
 - Addressed Road (NSTD, 2023)
 - Trail / Resource Road / No Maintenance
- AC CDC Managed & Biologically Significant Areas Database**
- Significant Areas*
- Significant Ecological Area
- Managed Areas*
- Fee-Simple Ownership by Environmental Non-Governmental Conservation Organization
 - Nature Reserve (Pending Designation)
 - Protected Water Area
 - Wilderness Area



**WINDY RIDGE
WIND POWER PROJECT**

**Potential Development
Area Adjustments**

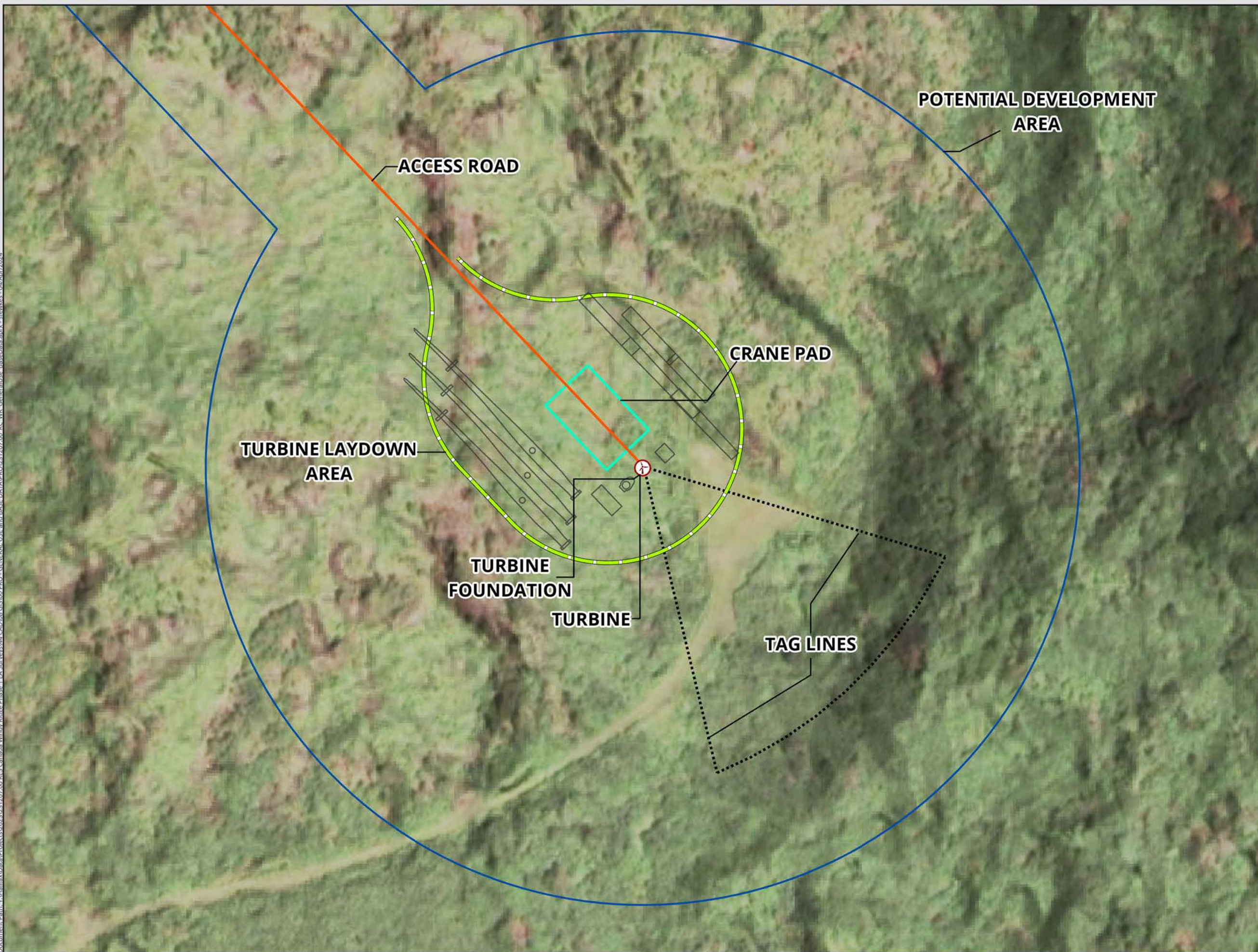
DATE: 2024-05-24	PROJ N°: 231207	FIGURE: 2.2
DRAWN BY: SF	CHECKED BY: NM	APPROVED: LH

NOTES:

0 1,000 2,000 4,000 m

SCALE: 1:88,000 Coordinate System: NAD 1983 UTM Zone 20N
Units: Meter

Document Path: \\Halifax\Aerial\Projects\2023\231207\00\BFS_Canada_WindyRidge\Phase_1_EA_Survey\44_CAD\08_GIS\00_PRO_GENERAL_USE_and_BASE_DATA\PROV\231207\00_BC_WR_GeneralUse_BaseData.aprx - sfewkes - 04/Apr/2024



- LEGEND**
- Turbine Location
 - Tag Lines
 - Turbine Laydown Area
 - Crane Pad
 - Potential Development Area
 - New Access Road

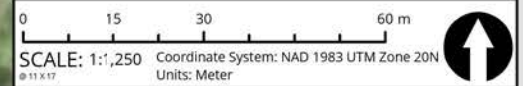


WINDY RIDGE
WIND POWER PROJECT

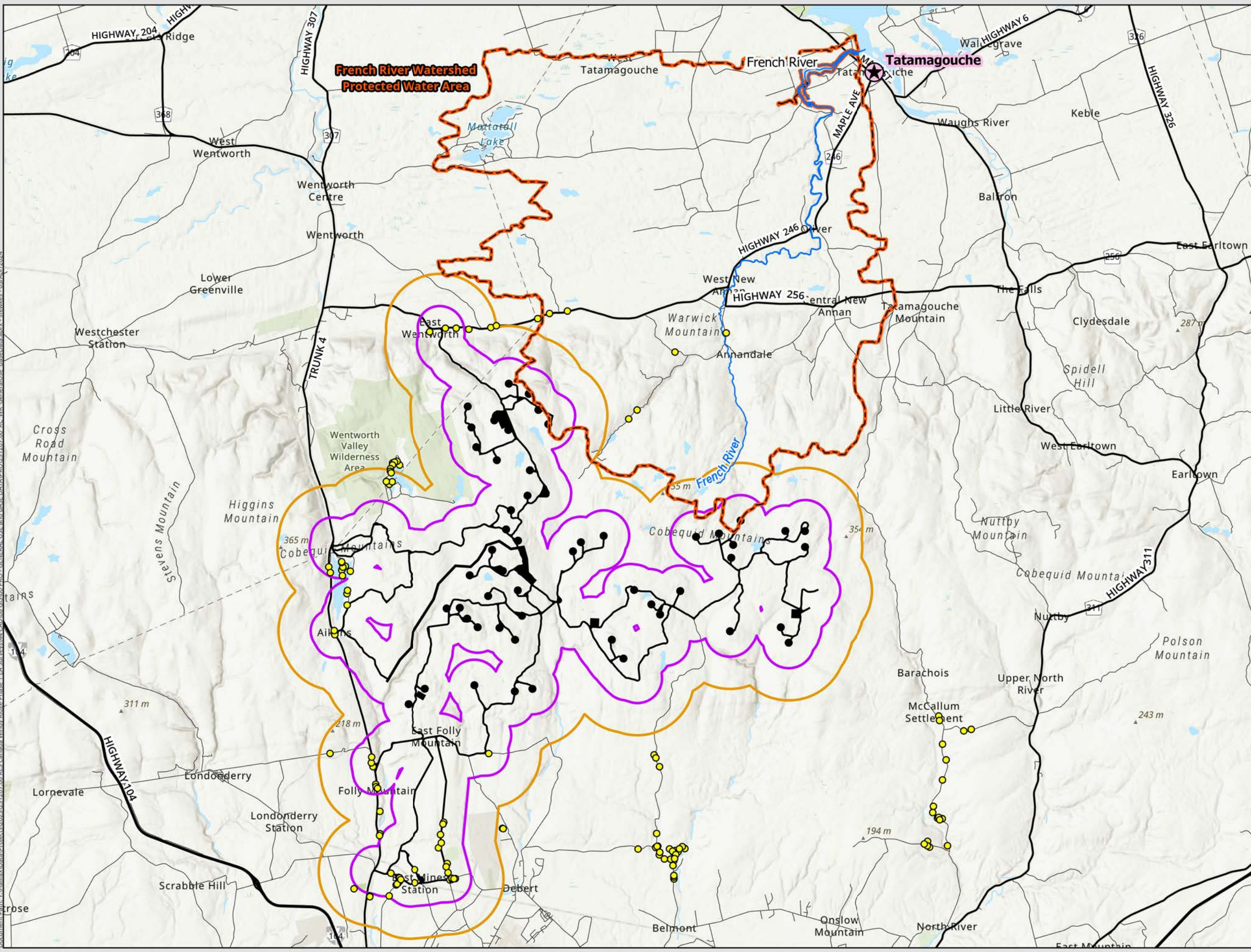
Typical Turbine Layout During Construction

DATE: 2024-04-04	PROJ N°: 231207	FIGURE: 2.3
DRAWN BY: SF	CHECKED BY: AC	APPROVED: NM

NOTES:



Document Path: \\Halifax\Data\Projects\2023\231207_00_BEC_Canada_WindyRidge\Phase 1_EA_Surveys\44_CAD\08_GIS\00_PRO - GENERAL USE and BASE DATA\PROV\231207_00_BC_WR_GeneralUse_BaseData.aprx - sfwkwk - 03/Apr/2024



- LEGEND**
- Domestic Water Well
 - Town of Tatamagouche
 - Addressed Road (NSTD, 2023)
 - French River
 - French River Watershed Protected Water Area
 - 2 km Extent from Potential Development Area
 - 800 m Extent from Potential Development Area
 - Potential Development Area



WINDY RIDGE WIND POWER PROJECT

Domestic Water Wells and Protected Watershed

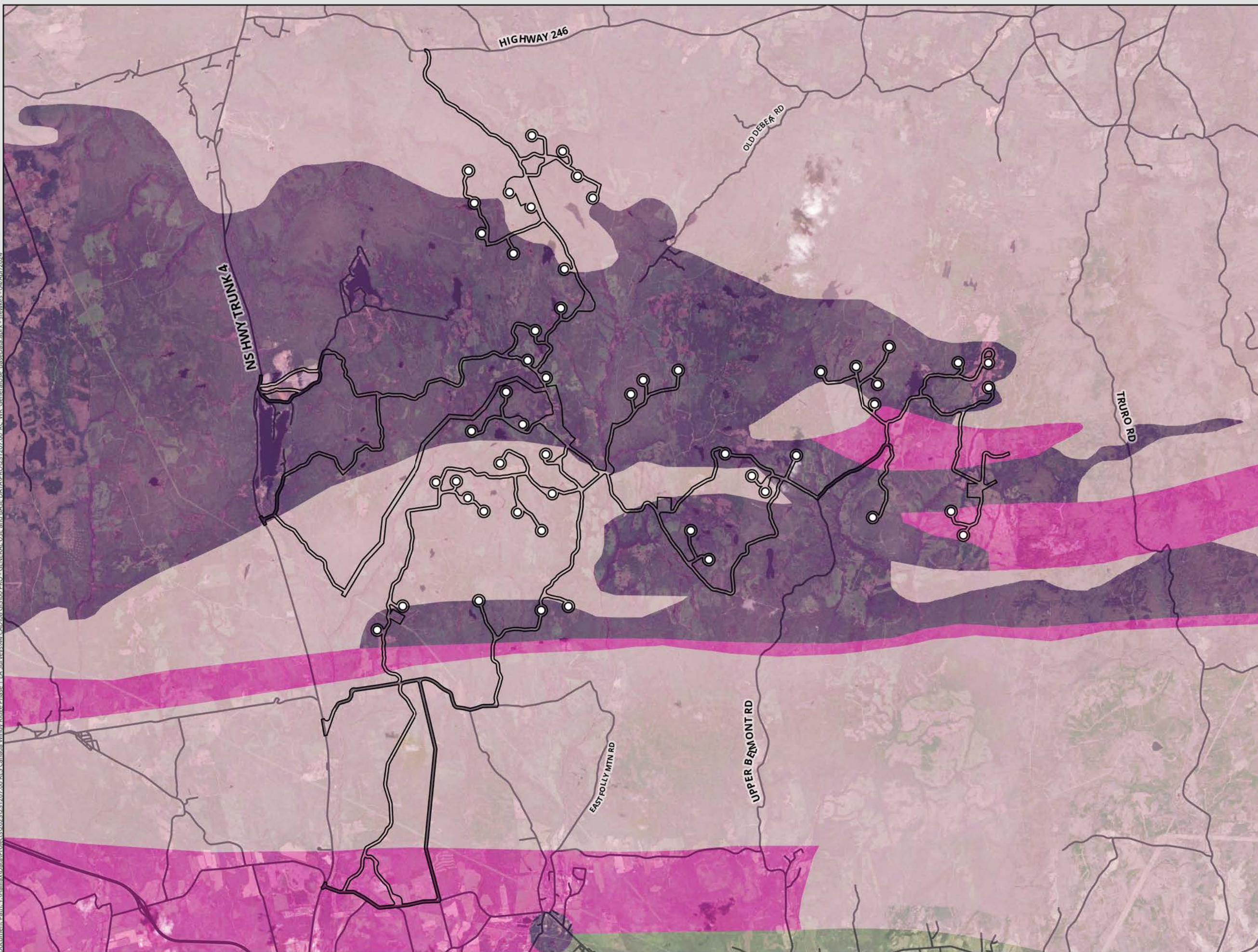
DATE: 2024-04-03	PROJ N°: 231207	FIGURE: 6.1
DRAWN BY: SF	CHECKED BY: CD	APPROVED: NM

NOTES:

0 1,500 3,000 6,000 m

SCALE: 1:135,000 Coordinate System: NAD 1983 UTM Zone 20N Units: Meter

Document Path: \\Halifax\Shared\Projects\2023\231207\00\BES_Canada_WindyRidge_Phase1_EA_Survey\44_CAD\08_GIS\00_PRO_GENERAL_USE_and_BASE_DATA\PROV\231207\00_BC_WR_GeneralUse_BaseData.aprx - sfewkes - 04/Apr/2024



LEGEND

- Turbine Location
- Potential Development Area

Relative Risk of Arsenic in Well Water (Bedrock Wells)

- Low Risk
- Medium Risk
- High Risk



WINDY RIDGE WIND POWER PROJECT

Arsenic Risk to Bedrock Groundwater Wells

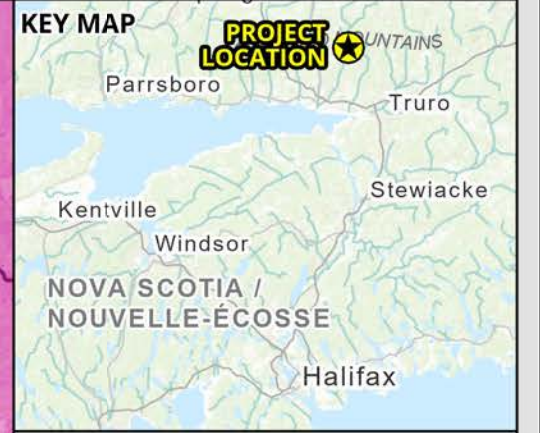
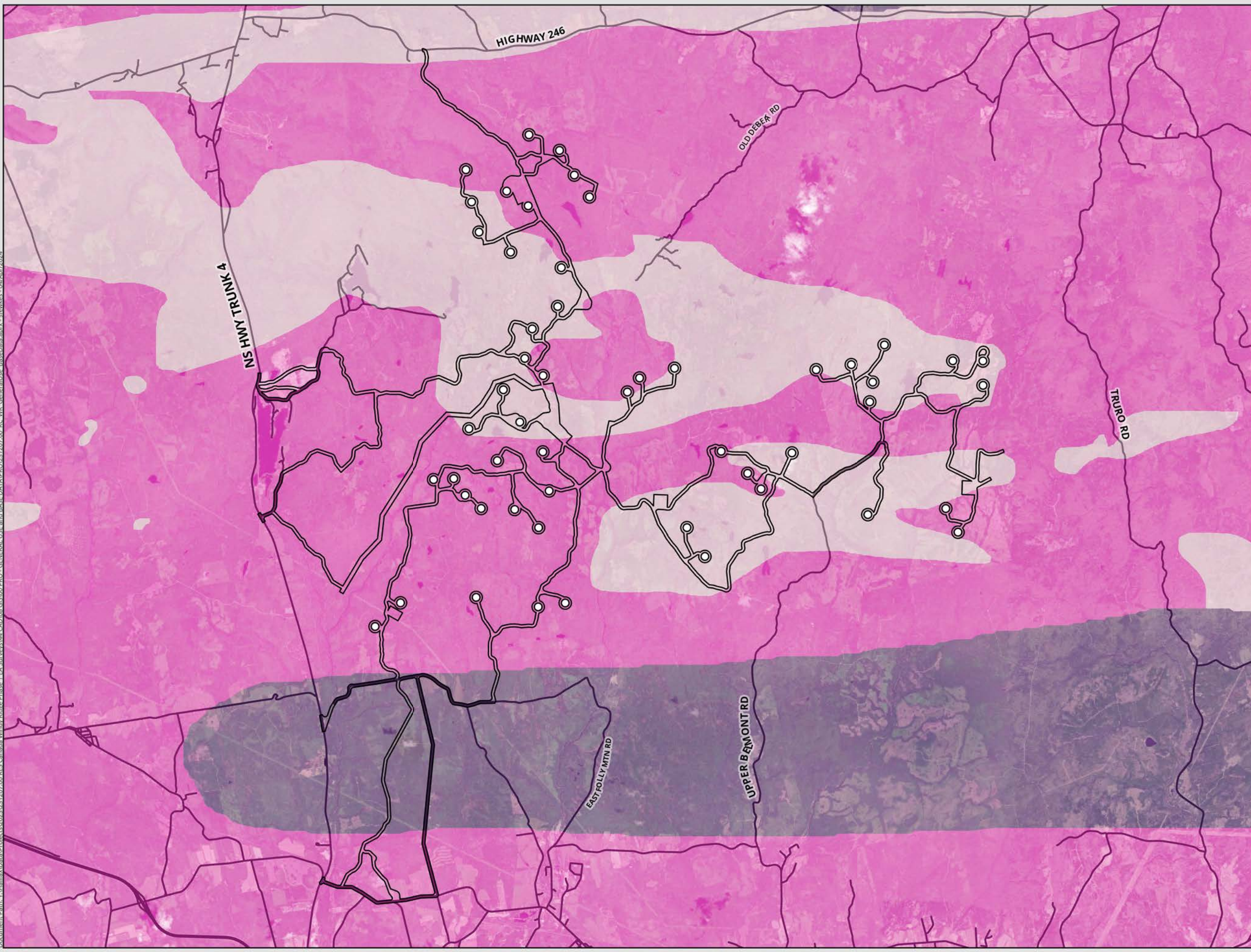
DATE: 2024-04-04	PROJ N°: 231207	FIGURE: 6.2
DRAWN BY: SF	CHECKED BY: NM	APPROVED: NM

NOTES:

0 1,000 2,000 4,000 m

SCALE: 1:88,000 Coordinate System: NAD 1983 UTM Zone 20N
Units: Meter

Document Path: \\Halifax\Data\Projects\2023\231207\00\BES_Canada_WindyRidge_Phase1_EA_Survey\44_CAD\08_GIS\00_PRO_GENERAL_USE_and_BASE_DATA\PROV\231207\00_BC_WR_GeneralUse_BaseData.aprx - sfewkes - 04/Apr/2024



KEY MAP

PROJECT LOCATION

NOVA SCOTIA / NOUVELLE-ÉCOSSE

LEGEND

- Turbine Location
- Potential Development Area

Relative Risk of Uranium in Well Water (Bedrock Wells)

- Low Risk
- Medium Risk
- High Risk



WINDY RIDGE WIND POWER PROJECT

Uranium Risk to Bedrock Groundwater Wells

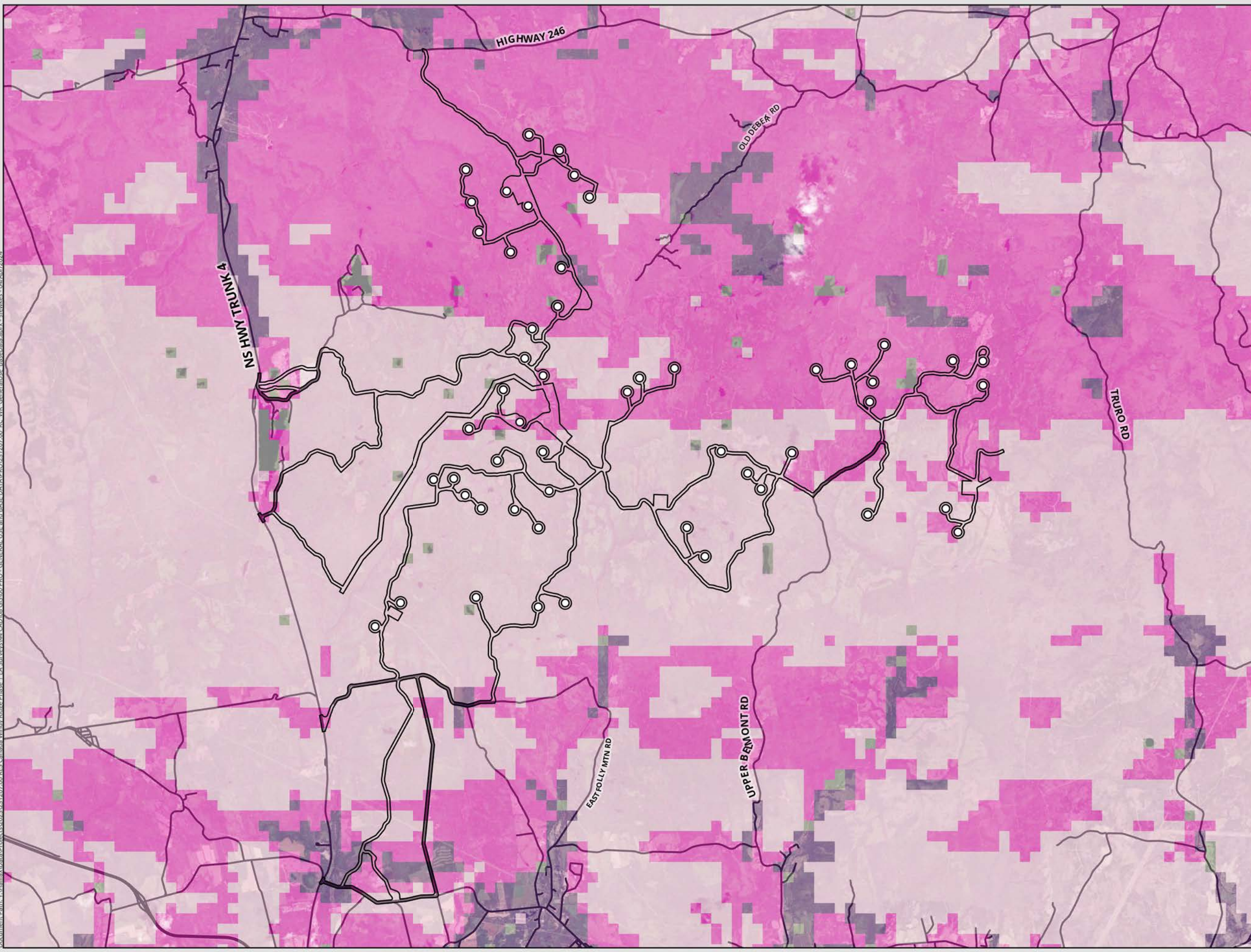
DATE: 2024-04-04	PROJ N°: 231207	FIGURE: 6.3
DRAWN BY: SF	CHECKED BY: NM	APPROVED: NM

NOTES:

0 1,000 2,000 4,000 m

SCALE: 1:88,000 Coordinate System: NAD 1983 UTM Zone 20N Units: Meter

Document Path: Y:\Halifax\Aerial\Projects\2023\231207\00 BES Canada Windy Ridge Phase 1 EA\Surveys\44 CAD\08 GIS\00 PRO - GENERAL USE and BASE DATA\PROV\231207\00 BC WR GeneralUse BaseData.aprx - sfewkes - 04/Apr/2024



LEGEND

- Turbine Location
- Potential Development Area

Potential for Radon in Indoor Air

- Low Risk
- Medium Risk
- High Risk



WINDY RIDGE WIND POWER PROJECT

Potential For Radon in Indoor Air

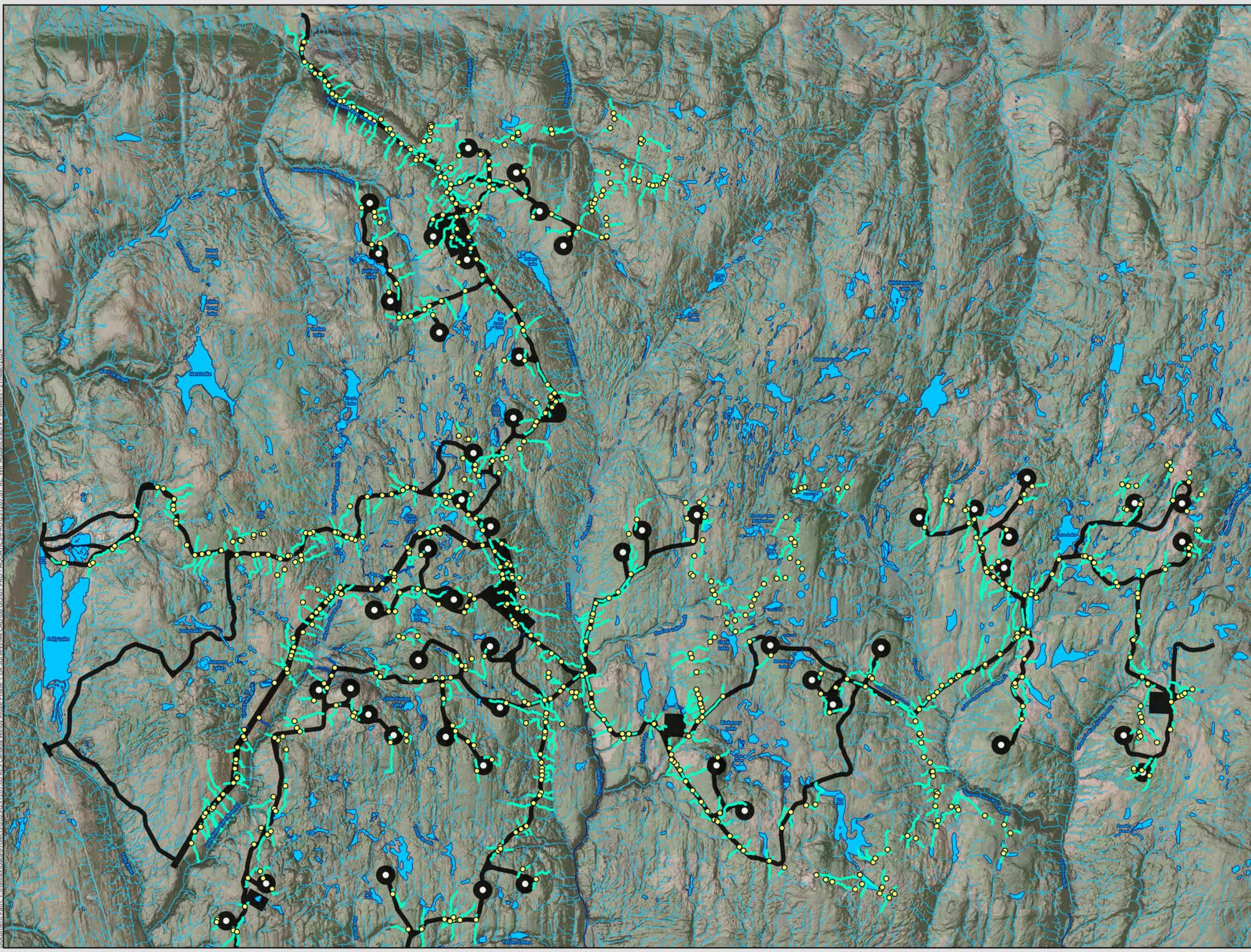
DATE: 2024-04-04	PROJ N°: 231207	FIGURE: 6.4
DRAWN BY: SF	CHECKED BY: NM	APPROVED: NM







NOTES:

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SCALE: 1:88,000 Coordinate System: NAD 1983 UTM Zone 20N
Units: Meter

Document Path: \\HalifaxData\Projects\2023\231207\00 BES Canada Windy Ridge Phase 1 EA Surveys\44 CAD\08 GIS\07 PRO - AQUATICS\PROJ\231207_07 BC WR Aquatics anrx - stewart - 27/Mar/2024



- LEGEND**
-  Fish Habitat & Watercourse Assessment Location
 -  Assessed Watercourse
 -  Predicted Watercourse
- Nova Scotia Hydrologic Network (NSTD, 2023)**
-  Waterbody
 -  Potential Development Area
 -  Turbine Location



**WINDY RIDGE
WIND POWER PROJECT**


**Watercourse & Fish
Habitat Assessment
Locations**

DATE: 2024-03-27	PROJ N°: 231207	FIGURE: 7.1
DRAWN BY: SF	CHECKED BY: MB	APPROVED: LH

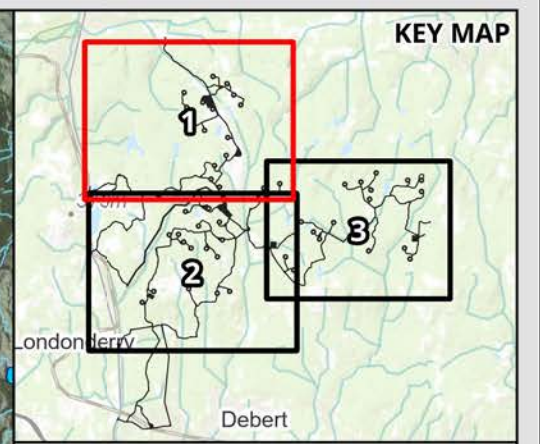
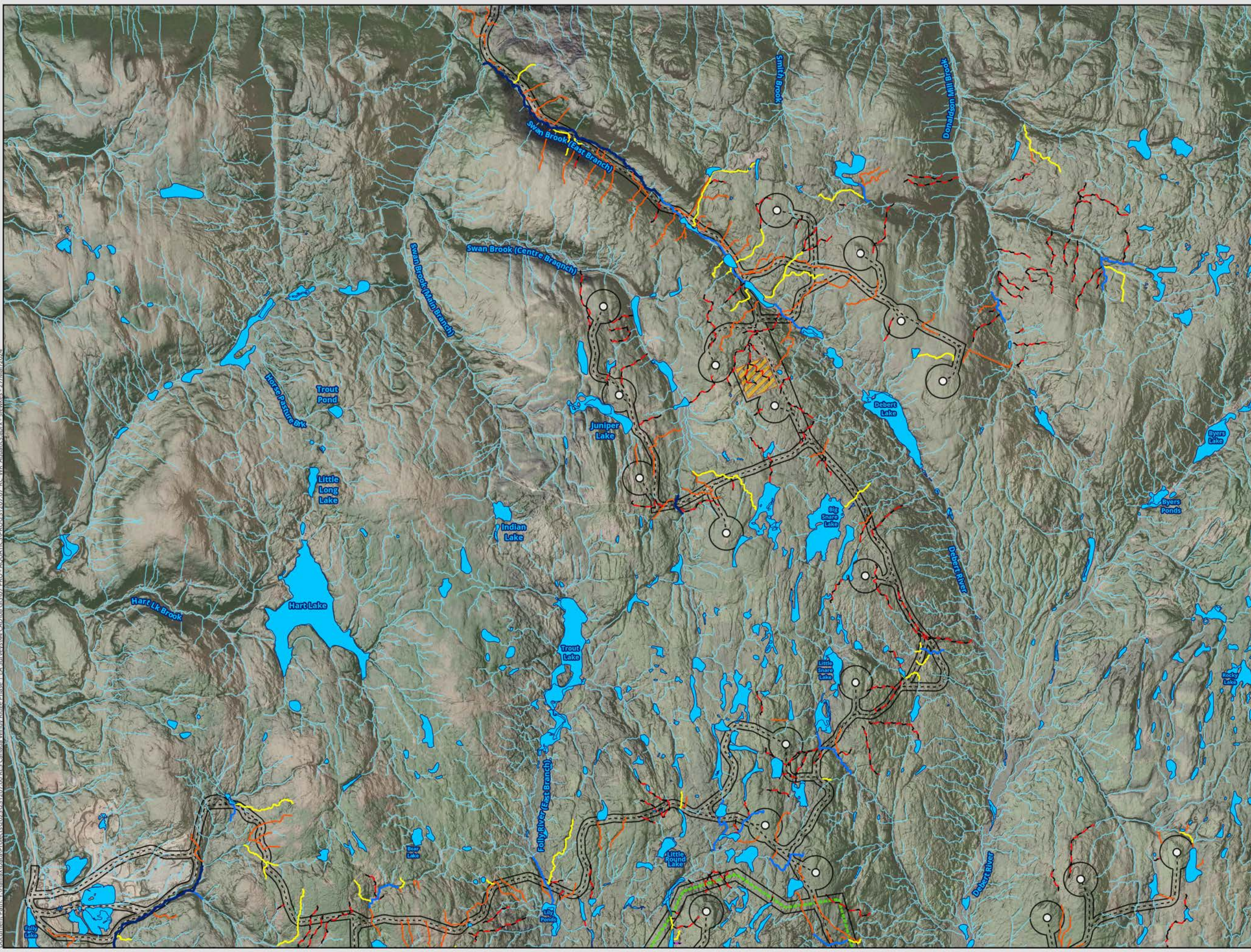
NOTES:

0 500 1,000 2,000 m

SCALE: 1:56,000 Coordinate System: NAD 1983 UTM Zone 20N
Units: Meter



Document Path: \\Halifax\Data\Projects\2023\231207\00\BES_Canada_WindyRidge\Phase_1_EA_Surveys\44_CAD\08_GIS\07_PRO_AQUATICS\PROJ\231207_07_BC_WR_Aquatics.aprx - stewart - 27/Mar/2024



LEGEND

Watercourse Assessments (CBCL, 2023)

- Predicted Watercourse
- Watercourse Inaccessible For Assessment
- No Channel (WC Does Not Exist)
- Ephemeral Watercourse
- Intermittent Watercourse
- Small-Permanent Watercourse
- Large-Permanent Watercourse

Nova Scotia Hydrologic Network (NSTD, 2023)

- Waterbody

Project Infrastructure

- Turbine Location
- Access Road
- Potential Development Area
- Transmission Line
- Laydown Area
- Operations & Maintenance Building
- Substation



**WINDY RIDGE
WIND POWER PROJECT**

**Assessed Watercourses
(1 of 3)**

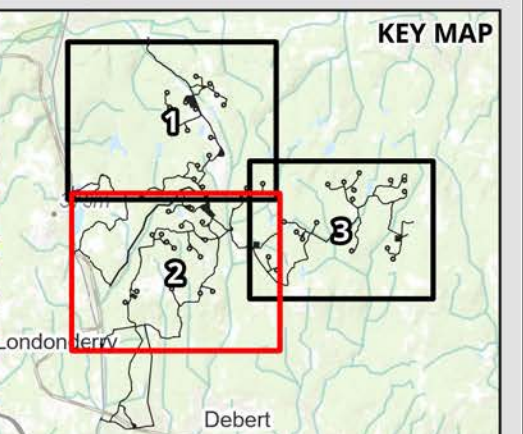
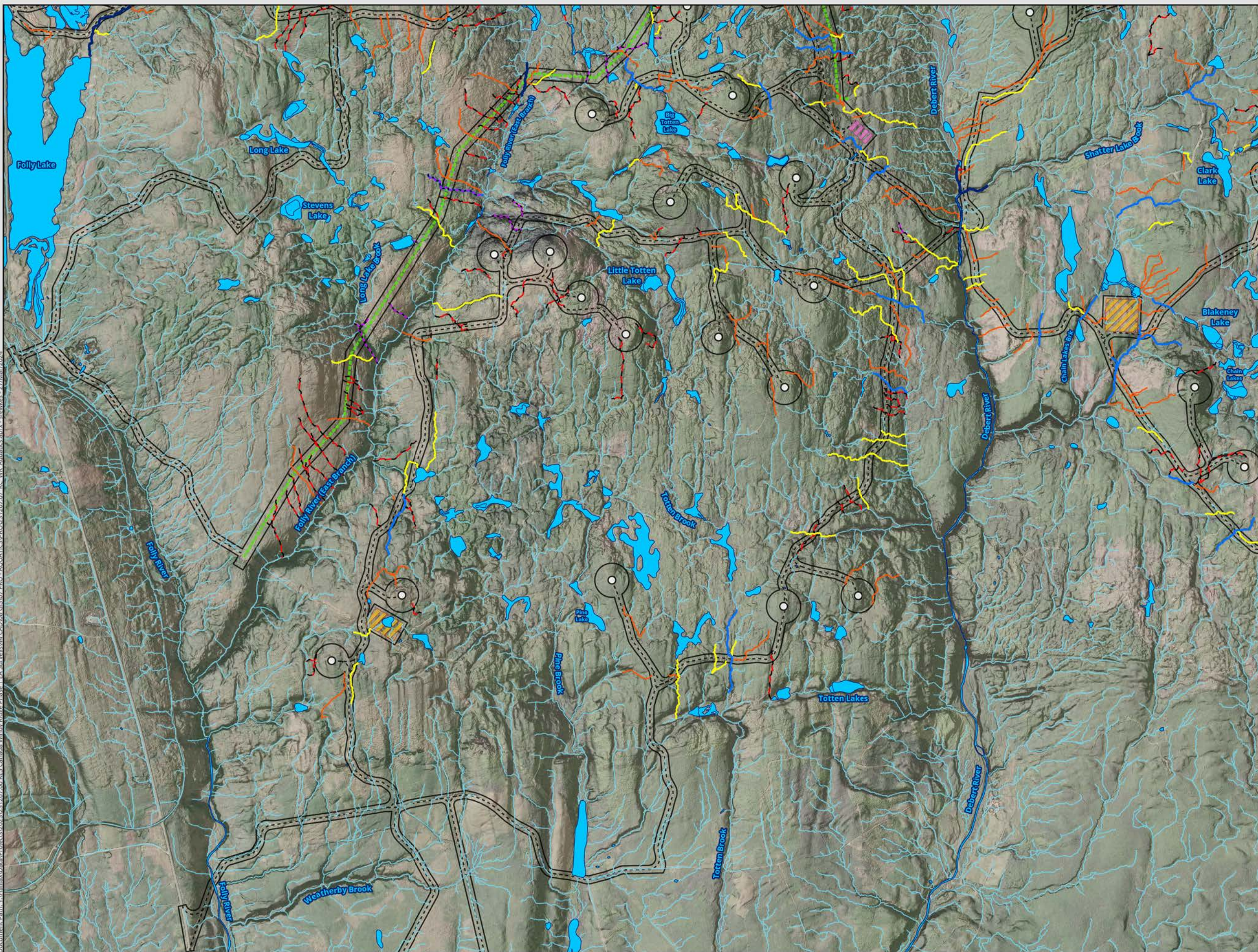
DATE: 2024-03-27	PROJ N°: 231207	FIGURE: 7.2
DRAWN BY: SF	CHECKED BY: MB	APPROVED: LH

NOTES:

0 415 830 1,660 m

SCALE: 1:32,000 Coordinate System: NAD 1983 UTM Zone 20N
Units: Meter

Document Path: \\H:\Data\Projects\2023\231207\00_BES_Canada_Windy_Ridge_Phase_1_EA_Survey\44_CAD\08_GIS\07_PRO_AQUATICS\PROJ\231207_07_BC_WR_Aquatics.aprx - stewart - 27/Mar/2024



- LEGEND**
- Watercourse Assessments (CBCL, 2023)**
- Predicted Watercourse
 - Watercourse Inaccessible For Assessment
 - No Channel (WC Does Not Exist)
 - Ephemeral Watercourse
 - Intermittent Watercourse
 - Small-Permanent Watercourse
 - Large-Permanent Watercourse
- Nova Scotia Hydrologic Network (NSTD, 2023)**
- Waterbody
- Project Infrastructure**
- Turbine Location
 - Access Road
 - Potential Development Area
 - Transmission Line
 - Laydown Area
 - Operations & Maintenance Building
 - Substation

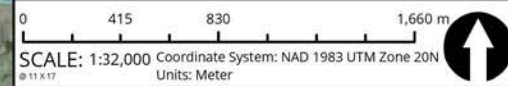


WINDY RIDGE WIND POWER PROJECT

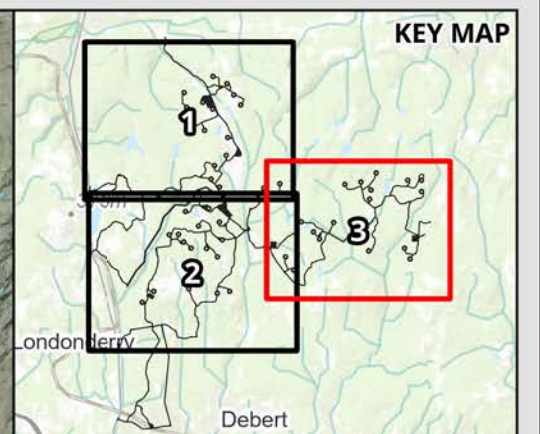
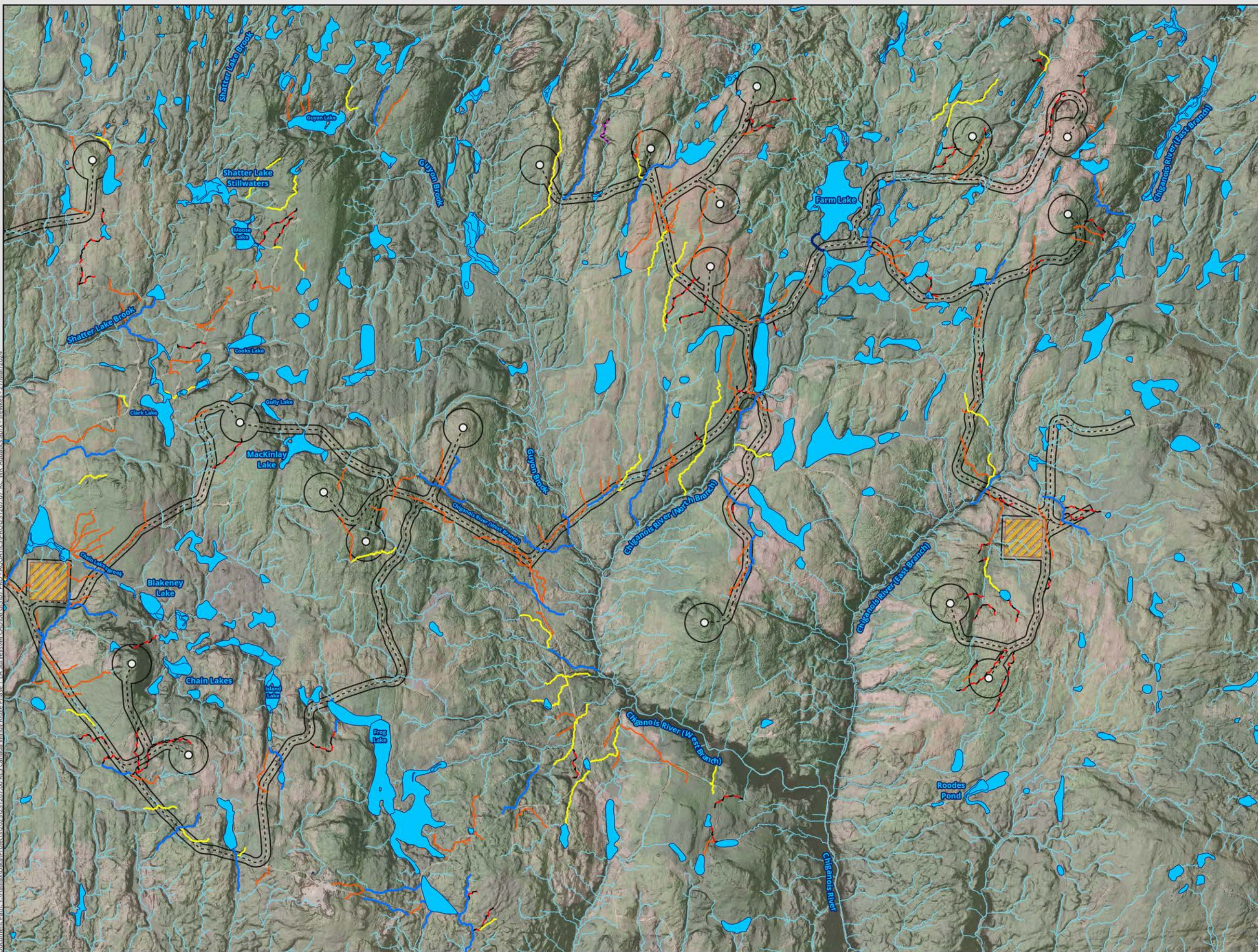
Assessed Watercourses (2 of 3)

DATE: 2024-03-27	PROJ N°: 231207	FIGURE: 7.3
DRAWN BY: SF	CHECKED BY: MB	APPROVED: LH

NOTES:



Document Path: \\HalifaxData\Projects\2023\21207\00 BES Canada Windy Ridge Phase 1 EA Surveys\44 CAD\08 GIS\07 PRO - AQUATICS\PROJ\21207_07 BC WR Aquatics.aprx - stewart - 27/Mar/2024



- LEGEND**
- Watercourse Assessments (CBCL, 2023)**
- Predicted Watercourse
 - Watercourse Inaccessible For Assessment
 - No Channel (WC Does Not Exist)
 - Ephemeral Watercourse
 - Intermittent Watercourse
 - Small-Permanent Watercourse
 - Large-Permanent Watercourse
- Nova Scotia Hydrologic Network (NSTD, 2023)**
- Waterbody
- Project Infrastructure**
- Turbine Location
 - Access Road
 - Potential Development Area
 - Transmission Line
 - Laydown Area
 - Operations & Maintenance Building
 - Substation



**WINDY RIDGE
WIND POWER PROJECT**

**Assessed Watercourses
(3 of 3)**

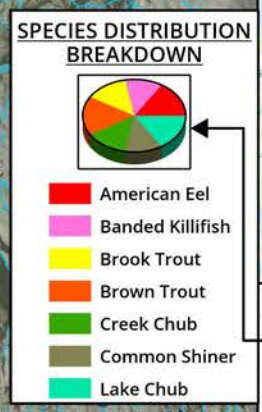
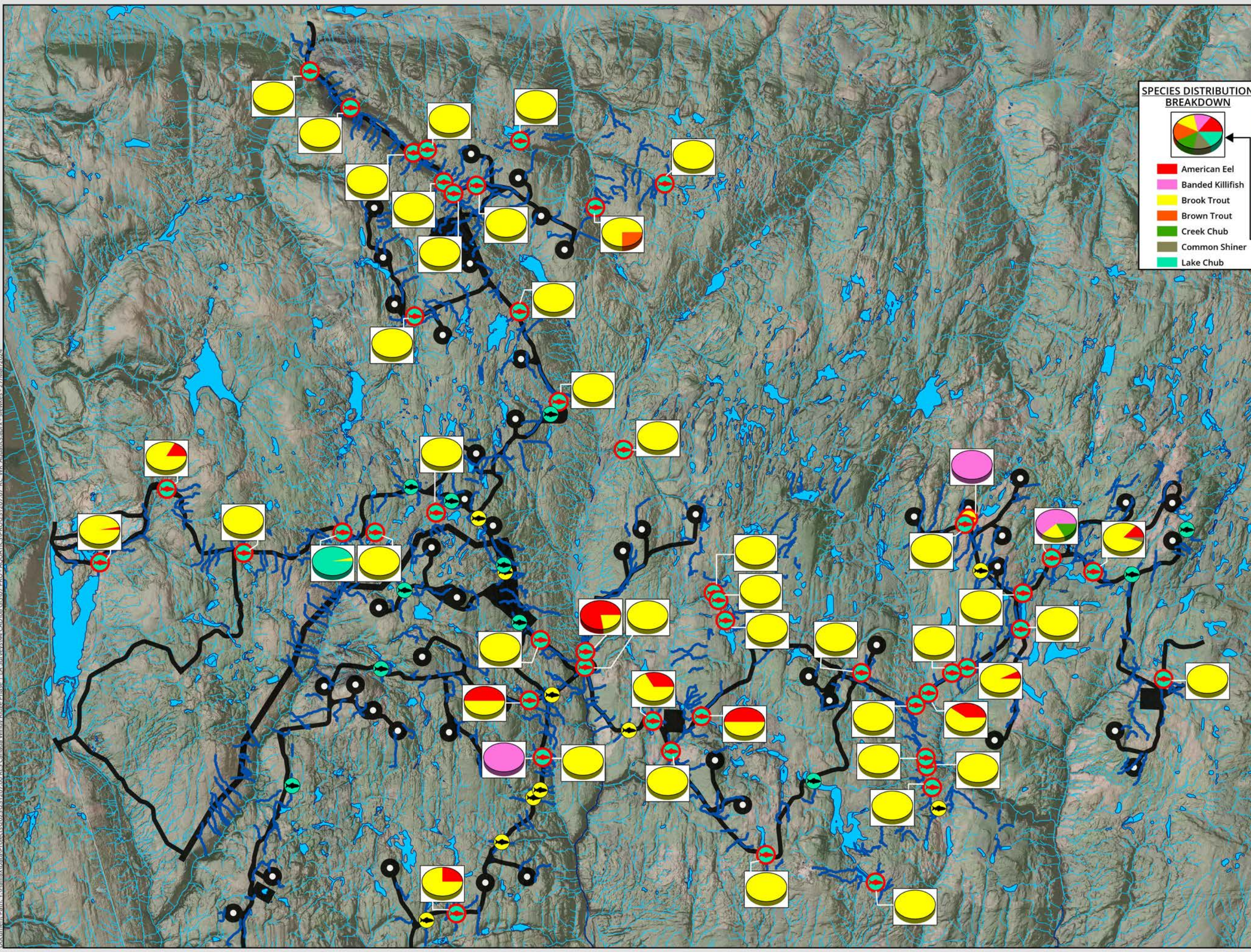
DATE: 2024-03-27	PROJ N°: 231207	FIGURE: 7.4
DRAWN BY: SF	CHECKED BY: MB	APPROVED: LH

NOTES:

0 362.5 725 1,450 m

SCALE: 1:28,000 Coordinate System: NAD 1983 UTM Zone 20N
Units: Meter

Document Path: \\HalifaxData\Projects\2023\21207\00_BES_Canada_WindyRidge\Phase 1_EA_Surveys\44_CAD\08_GIS\07_PRO - AQUATICS\PROJ\21207_07_RC_WR_Aquatics.aprx - stewart - 27/Mar/2024



- LEGEND**
- Fishing Location**
- Electrofishing Efforts
 - Electrofishing Location - Fish Captured (48)
 - Electrofishing Location - No fish Captured (11)
 - Minnow Trapping Efforts
 - Minnow Trapping Location - Fish Captured (2)
 - Minnow Trapping Location - Fish Not Captured (13)
 - Assessed Watercourse
 - Predicted Watercourse
 - Nova Scotia Hydrologic Network (NSTD, 2023)**
 - Waterbody
 - Potential Development Area
 - Turbine Location



WINDY RIDGE WIND POWER PROJECT

Fish Sampling Locations

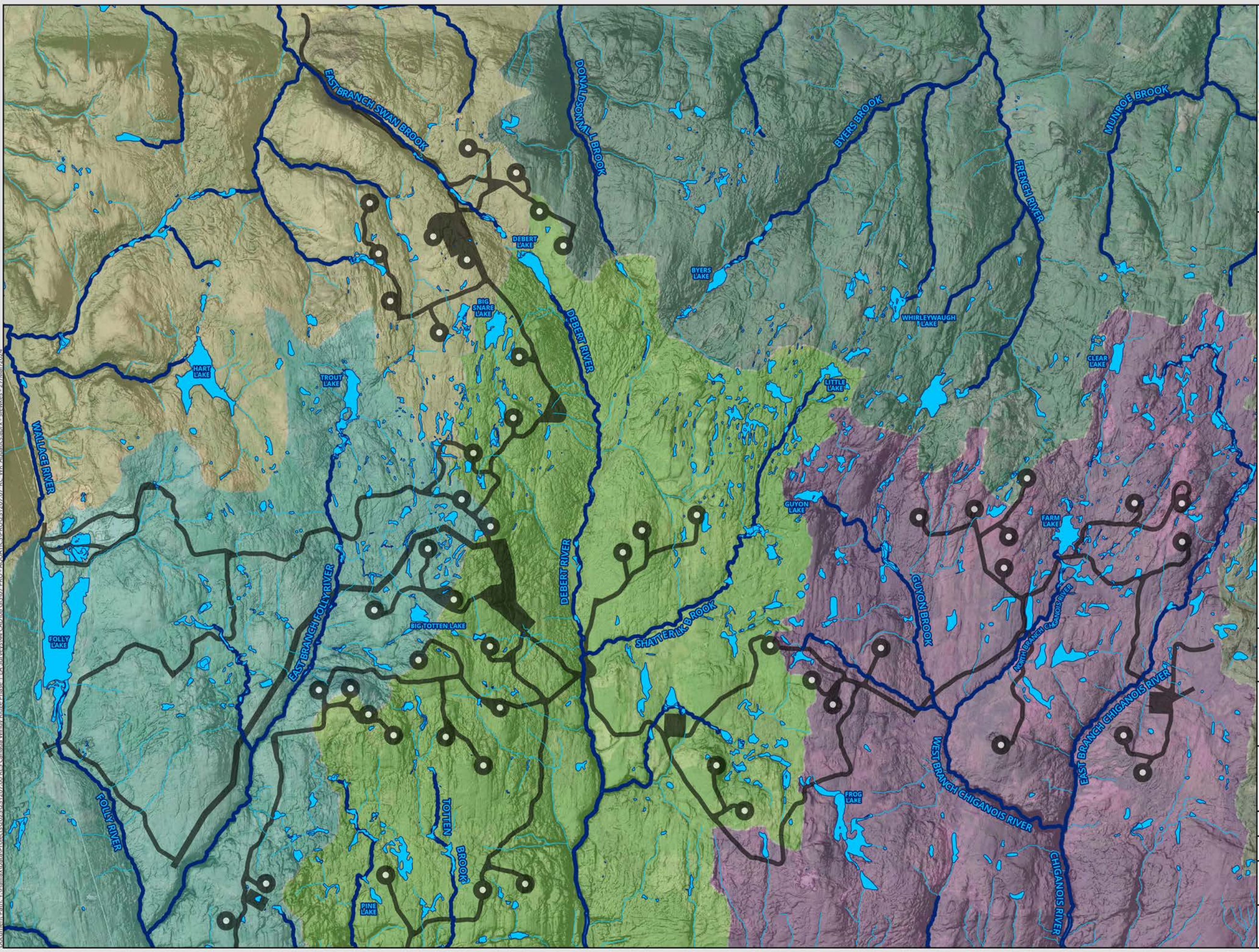
DATE: 2024-03-27	PROJ N°: 231207	FIGURE: 7.5
DRAWN BY: SF	CHECKED BY: MB	APPROVED: LH

NOTES:

0 500 1,000 2,000 m

SCALE: 1:57,000 Coordinate System: NAD 1983 UTM Zone 20N Units: Meter

Document Path: \\HalifaxData\Projects\2023\231207\00 BECS Canada Windy Ridge Phase 1 EA Surveys\44 CAD\08 GIS\07 PROJ - AQUATICS\PROJ\231207_07 BC WR Aquatics.aprx - stewart - 27/Mar/2024



- LEGEND**
- Nova Scotia Hydrologic Network (NSTD, 2023)
- Major Watercourse (Named)
 - Minor Watercourse (Unnamed)
 - Waterbody
- Watershed Boundary (NSTD, 2023)
- Chiganois River
 - Debert River
 - Folly River
 - French River
 - Wallace River
- Potential Development Area
 - Turbine Location



WINDY RIDGE WIND POWER PROJECT

Watersheds & Major Watercourses

DATE: 2024-03-27	PROJ N°: 231207	FIGURE: 7.6
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, 2023

