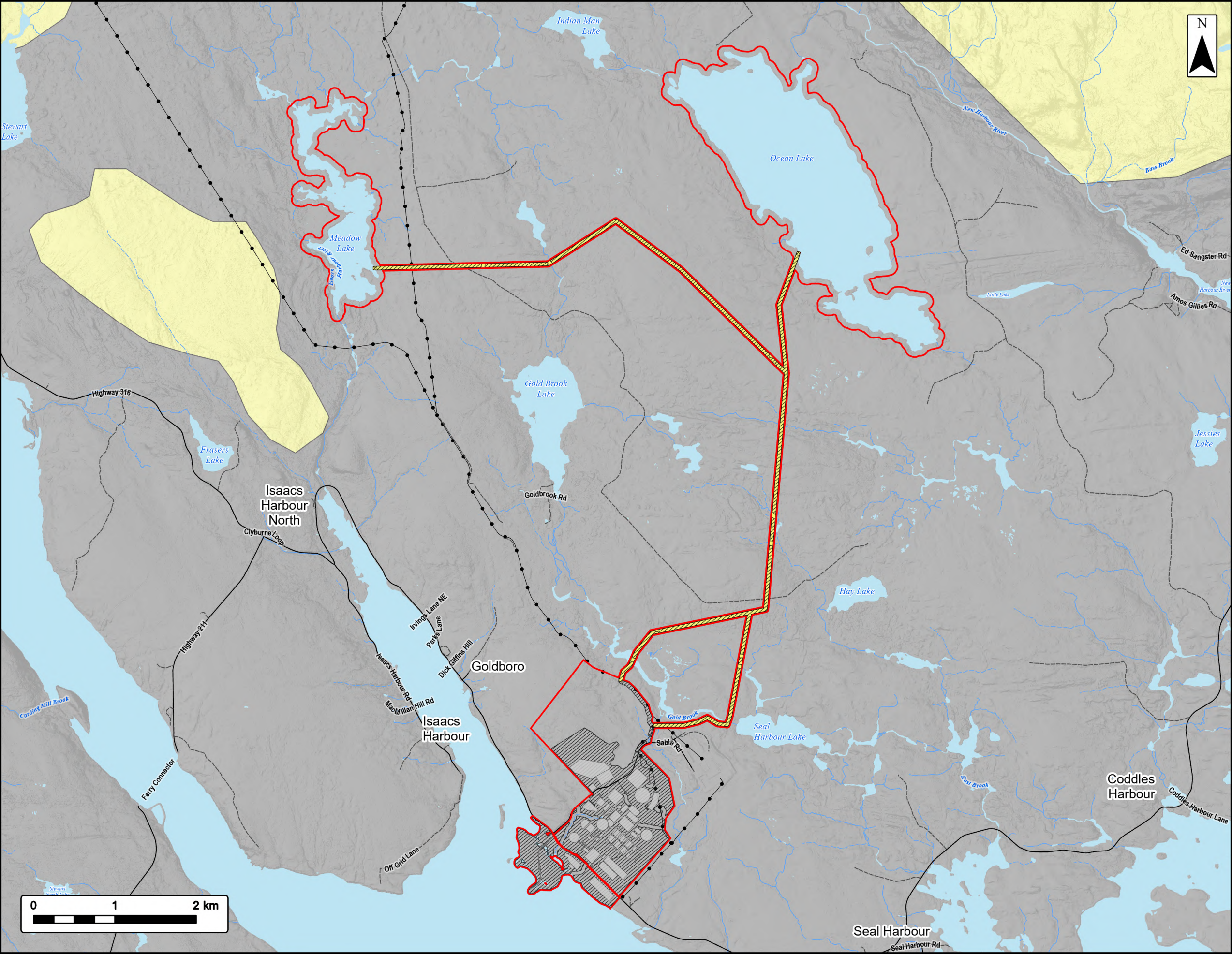




Nova Sustainable Fuels

Uranium Risk in Bedrock Water Wells



nova sustainable fuels

Assessment Area

Project Footprint

Project Infrastructure

Proposed Freshwater Pipeline Routes

Uranium Risk in Bedrock Water Wells

Low Risk

Medium Risk

Transportation

Road

Unpaved Road

Utilities (Line)

Existing Pipeline

Water Features

Mapped Stream

Mapped Intermittent/Ephemeral Stream

Mapped Lakes and Rivers



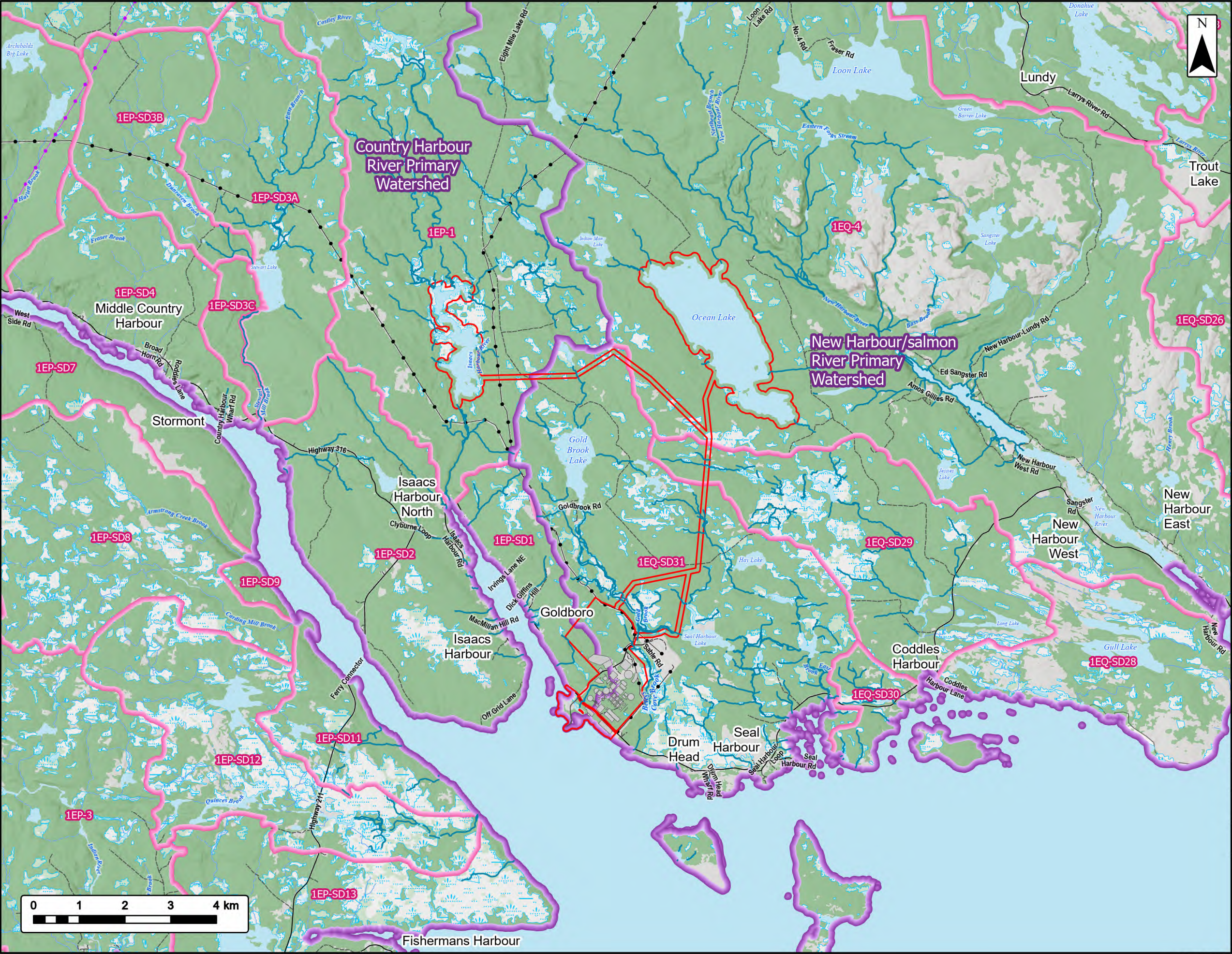
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Sources: Service Nova Scotia, GeoNOVA, SNSIS, NSNRR, ACCDC, IBA Canada, CNWI, HERE, Garmin, USGS

Date:	2025-10-20	Project #:	24-10412
Scale:	1:45,000	Drawing #:	7.11
Drawn By:	M. Partridge		
Checked By:	H. Mosher		



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Desktop Freshwater



Assessment Area

Project Infrastructure

Mapped Watercourses within 5 km of Assessment Area

Primary Watershed Boundary

Secondary Watershed Boundary

Transportation

Road

Unpaved Road

Utilities (Line)

Existing Pipeline

Existing Transmission Lines

Water Features

Mapped Stream

Mapped Intermittent/Ephemeral Stream

Mapped Lakes and Rivers

Mapped Wetlands

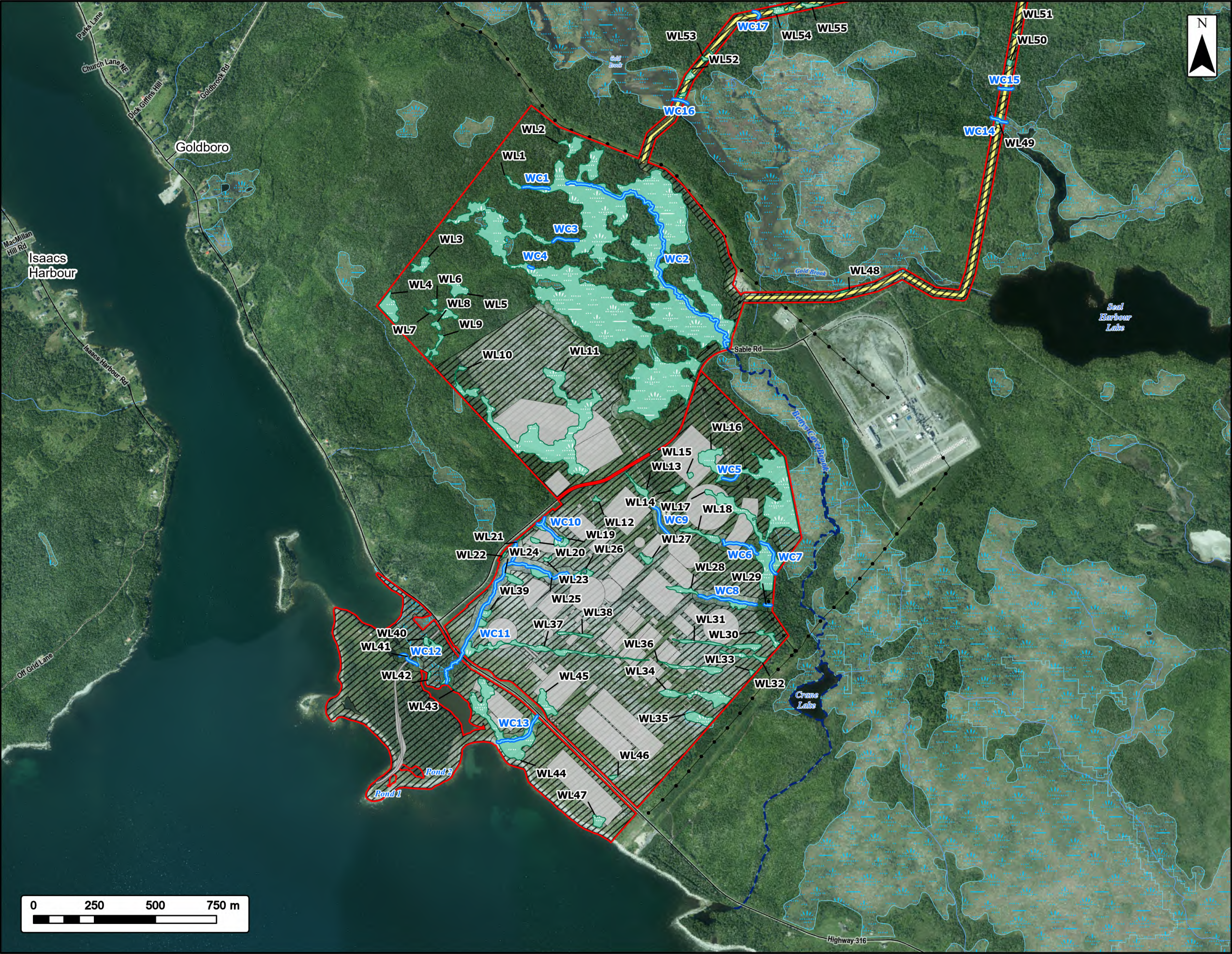


Coordinate System: NAD 1983 UTM Zone 20N

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

Date:	2025-10-20	Project #:	24-10412
Scale:	1:80,000	Drawing #:	7.13
Drawn By:	M. Partridge		
Checked By:	H. Mosher		



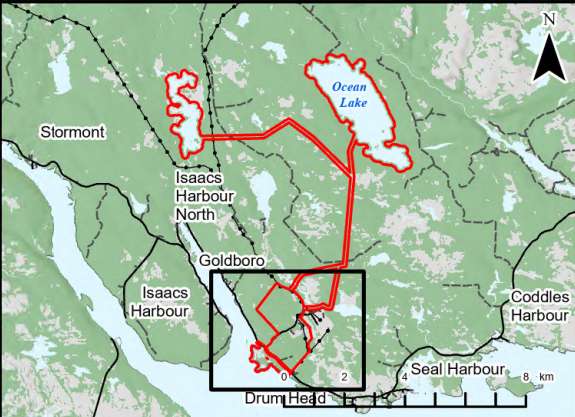


Nova Sustainable Fuels

Wetland & Watercourse Assessments Results



- Assessment Area
- Project Footprint
- Project Infrastructure
- Proposed Freshwater Pipeline Routes
- Field Assessed Watercourses
- Bettys Cove Brook (Mapped Continuation of WC2)
- Field Assessed Wetlands
- Transportation**
- Road
- Unpaved Road
- Utilities (Line)**
- Existing Pipeline
- Water Features**
- Mapped Stream
- Mapped Intermittent/Ephemeral Stream
- Mapped Wetlands

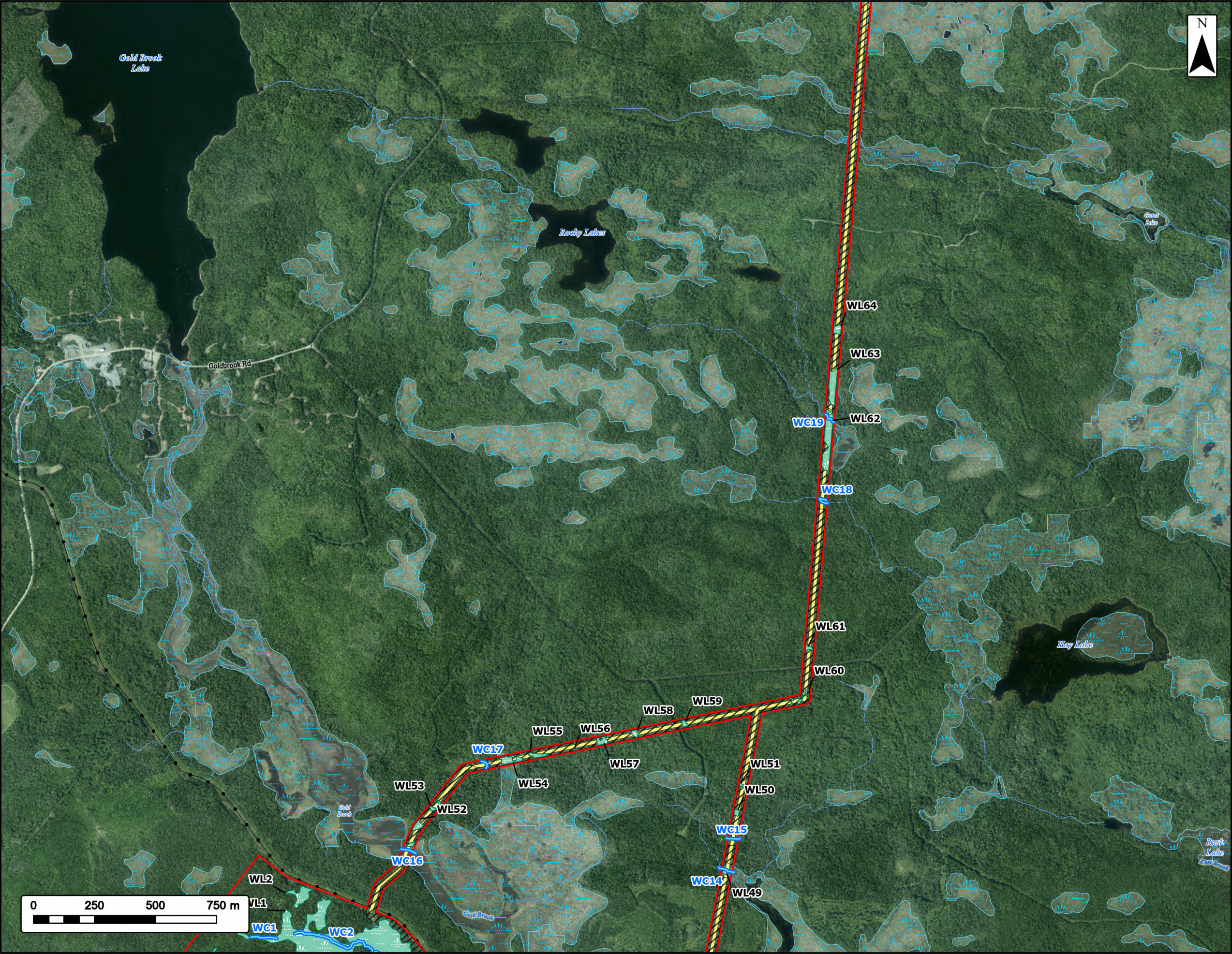


Coordinate System: NAD 1983 UTM Zone 20N

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

Date:	2025-10-20	Project #:	24-10412
Scale:	1:15,000	Drawing #:	7.15A
Drawn By:	M. Partridge		
Checked By:	H. Mosher		





Nova Sustainable Fuels

Wetland & Watercourse Assessments Results



Assessment Area

Project Footprint

Proposed Freshwater Pipeline Routes

Field Assessed Watercourses

Field Assessed Wetlands

Transportation

Unpaved Road

Utilities (Line)

Existing Pipeline

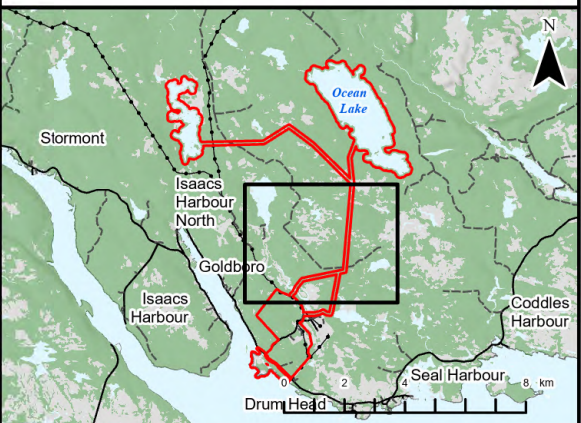
Water Features

Mapped Stream

Mapped Intermittent/Ephemeral Stream

Mapped Wetlands





Coordinate System: NAD 1983 UTM Zone 20N

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

Date:	2025-10-20	Project #:	24-10412
Scale:	1:15,000	Drawing #:	7.15B
Drawn By:	M. Partridge		
Checked By:	H. Mosher		





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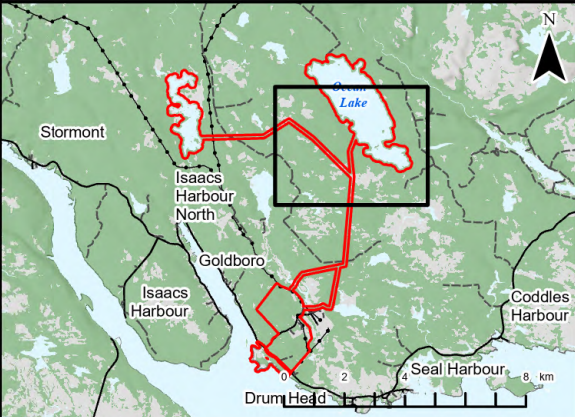


Nova Sustainable Fuels

Wetland & Watercourse Assessments Results



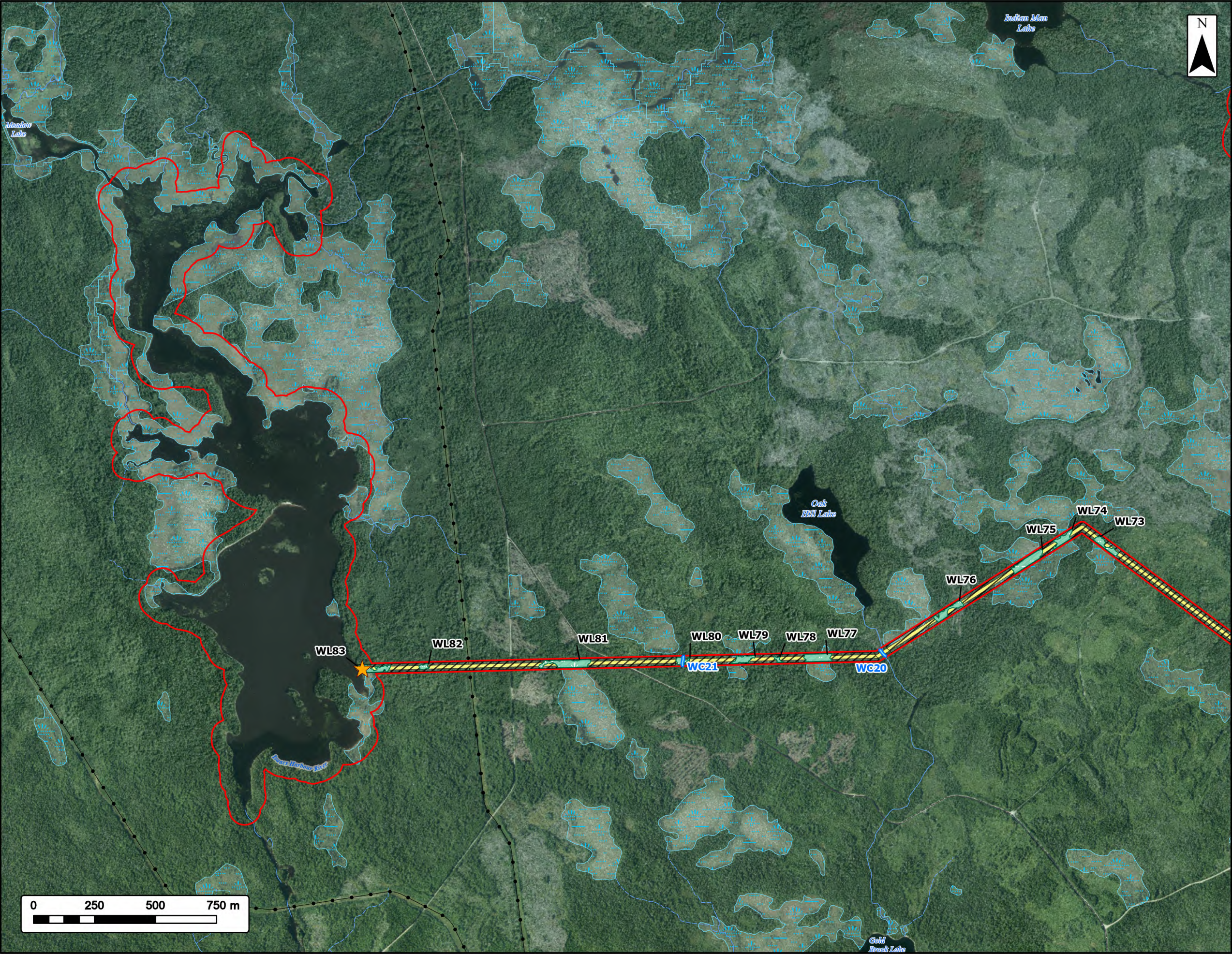
- Assessment Area
- Project Footprint
- Project Infrastructure
- Proposed Freshwater Pipeline Routes
- Pumping Station Locations
- Field Assessed Wetlands
- Transportation**
- Unpaved Road
- Water Features**
- Mapped Stream
- Mapped Intermittent/Ephemeral Stream
- Mapped Wetlands



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

Date:	2025-10-20	Project #:	24-10412
Scale:	1:15,000	Drawing #:	7.15C
Drawn By:	M. Partridge		
Checked By:	H. Mosher		





Nova Sustainable Fuels

Wetland & Watercourse Assessments Results



Assessment Area

Project Footprint

Project Infrastructure

Proposed Freshwater Pipeline Routes

Pumping Station Locations

Field Assessed Watercourses

Field Assessed Wetlands

Transportation

Unpaved Road

Utilities (Line)

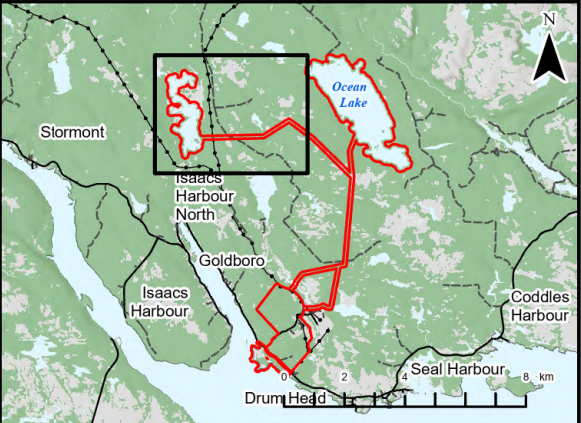
Existing Pipeline

Water Features

Mapped Stream

Mapped Intermittent/Ephemeral Stream

Mapped Wetlands



Coordinate System: NAD 1983 UTM Zone 20N

Sources: Esri, CGIAR, USGS, Service Nova Scotia, GeoNOVA, SNSIS, NSHRR, ACCDC, IBA Canada, CNWI, HERE, Garmin, USGS

Date:	2025-10-20	Project #:	24-10412
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Drawn By:	M. Partridge		
Checked By:	H. Mosher		

