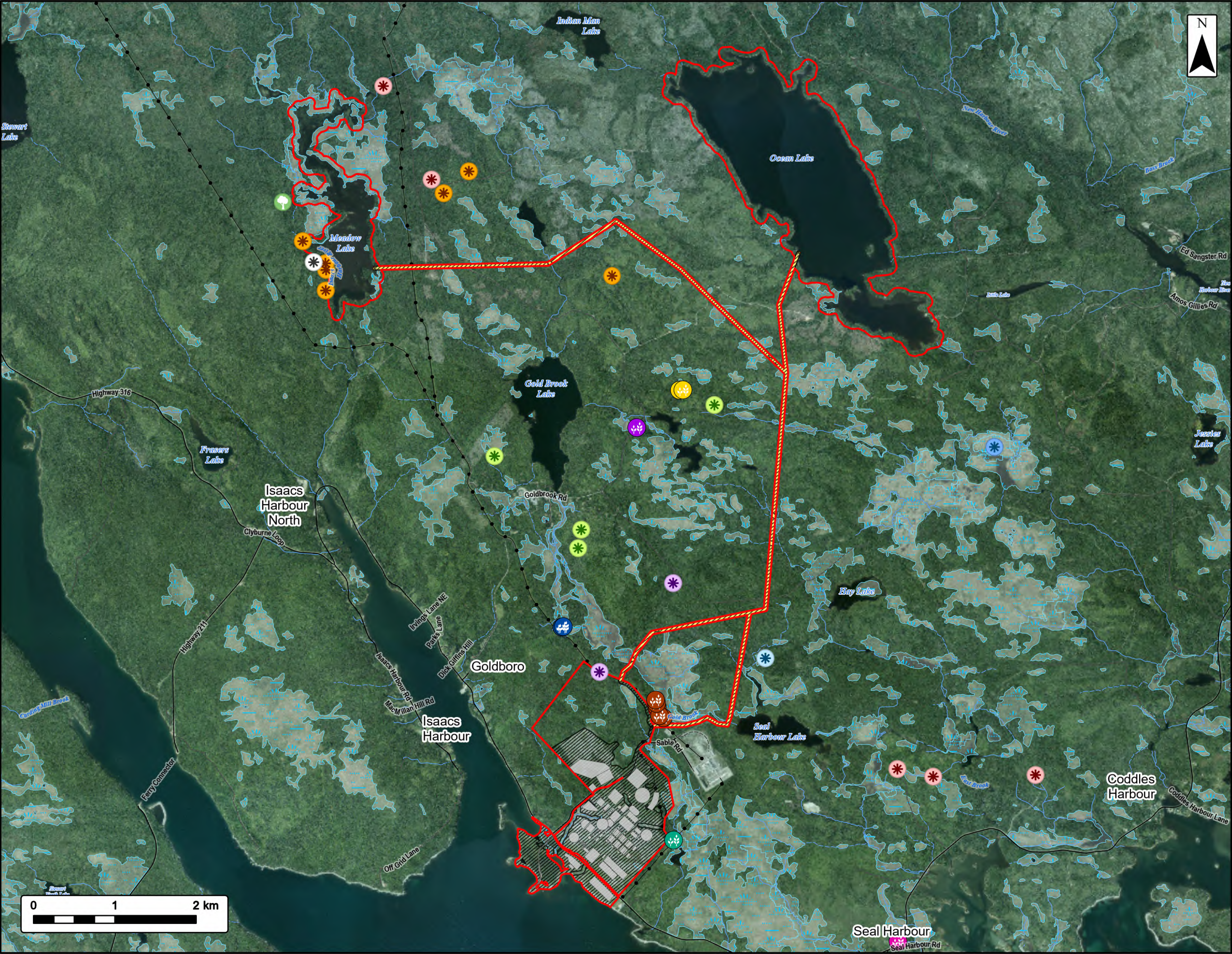




Nova Sustainable Fuels

Terrestrial Flora Desktop Results



Assessment Area

Project Footprint

Project Infrastructure

Proposed Freshwater Pipeline Routes

ACCDC Point Observations

Observed Lichen Species

Observed Plant Species

Northern Burreed

Northern Comandra

Slender Cottongrass

Small-flowered Purple False Foxglove

Yellow Ladies'-tresses

Birdnest Jellyskin Lichen

Blue-gray Moss Shingle Lichen

Red Beard Lichen

Roughened Shingle Lichen

Salted Shell Lichen

Spiny Heath Lichen

Tree Pelt Lichen

Fuscopannaria soresdiata

Michaux's Dwarf Birch

Transportation

Utilities (Line)

Water Features

Road

Unpaved Road

Existing Pipeline

Mapped Stream

Mapped Intermittent/Ephemeral Stream

Mapped Wetlands



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

Date: 2025-10-20

Scale: 1:45,000

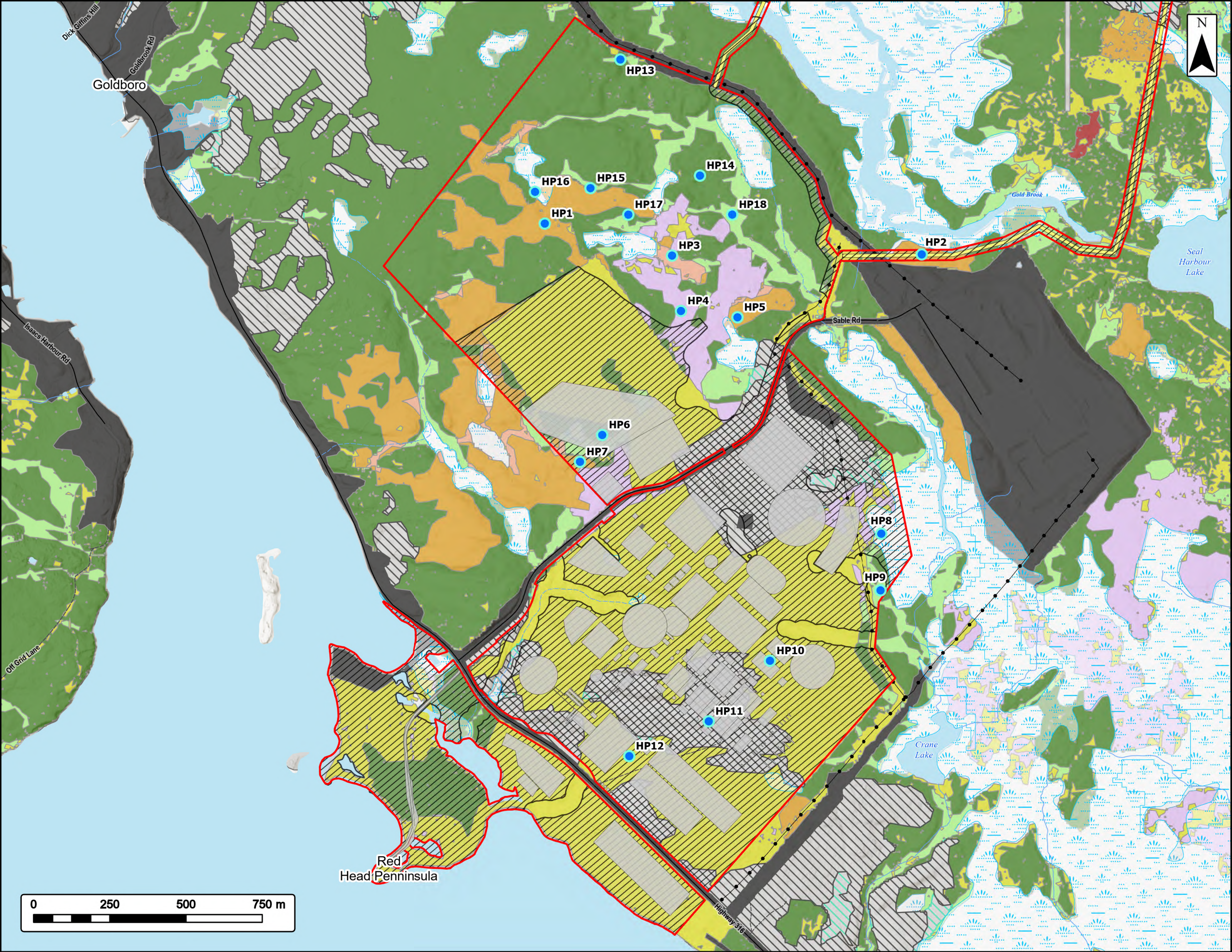
Drawn By: M. Partridge

Checked By: H. Mosher

Project #: 24-10412

Drawing #: 7.20





Nova Sustainable Fuels

Terrestrial Habitat Results



Proposed Freshwater Pipeline Routes	Softwood Wet Forest	
Project Footprint	Urban/ Developed	
Assessment Area	Water	
Project Infrastructure	Transportation	
Vegetation Community Points	Road	
	Unpaved Road	
Vegetation Community Habitat Model	Utilities (Line)	
Cutover	Existing Pipeline	
Cutover Wetland	Water Features	
Hardwood Forest	Mapped Stream	
Hardwood Wet Forest	Mapped Intermittent/ Ephemeral Stream	
Mixedwood Wet Forest	Mapped Lakes and Rivers	
Open Areas	Mapped Wetlands	
Open Wetland		
Shrub/ Alders		
Softwood Forest		

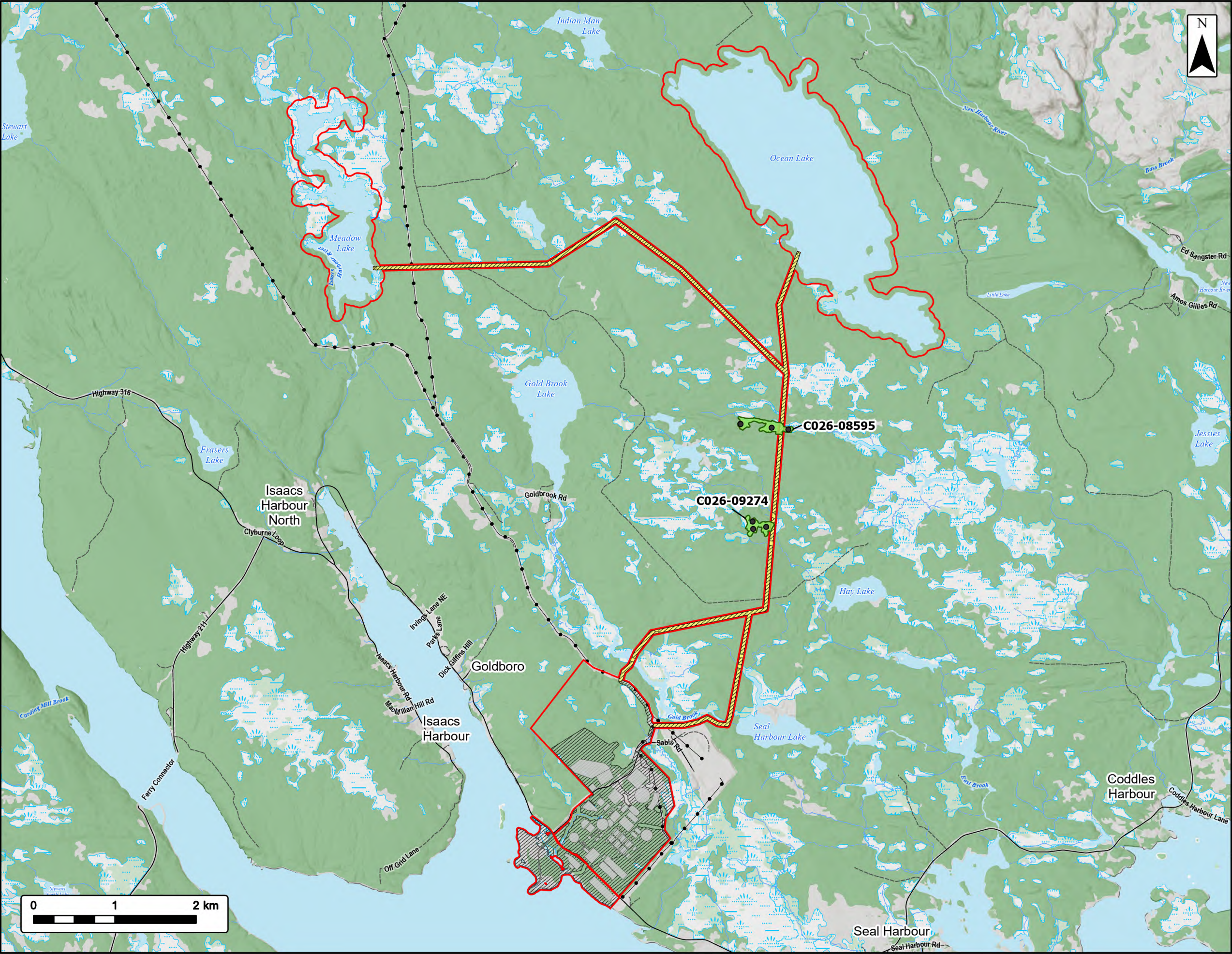


Coordinate System: NAD 1983 UTM Zone 20N

Sources: Esri, NASA, NGA, USGS, GeoNOVA, SNSIS, NSHRR, ACCDC, IBA Canada, CHWI, HERE, Garmin, USGS

Date: 2025-10-21	Project #: 24-10412
Scale: 1:12,000	Drawing #:
Drawn By: M. Partridge	7.21
Checked By: H. Mosher	





Nova Sustainable Fuels

Old Growth Results



Assessment Area

Project Footprint

Project Infrastructure

Proposed Freshwater Pipeline Routes

Old Growth Plot Points

Field Confirmed Not Old Growth

Transportation

Road

Unpaved Road

Utilities (Line)

Existing Pipeline

Water Features

Mapped Stream

Mapped Intermittent/Ephemeral Stream

Mapped Lakes and Rivers

Mapped Wetlands

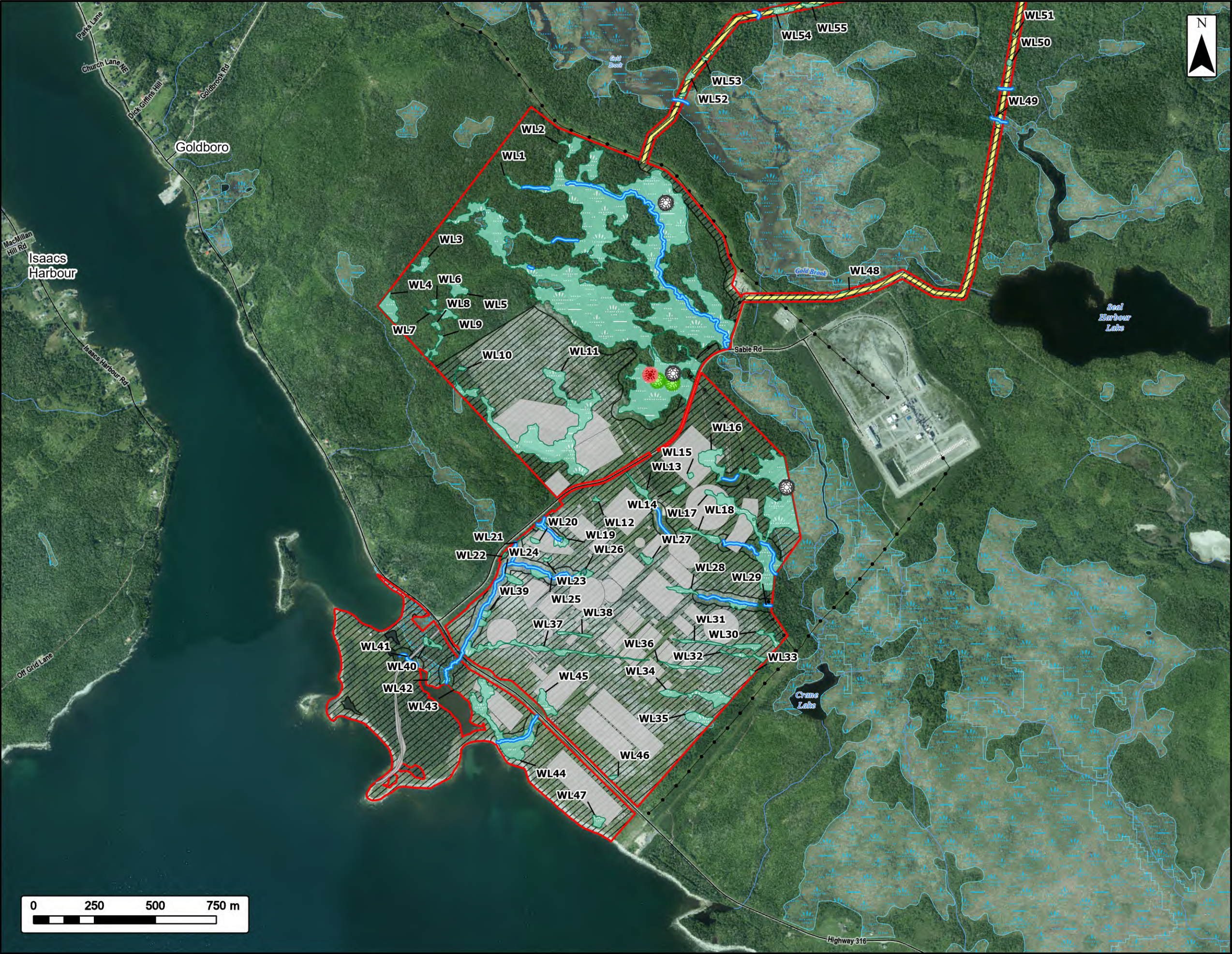


Coordinate System: NAD 1983 UTM Zone 20N

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:	1:45,000	Drawing #:	7.22
Drawn By:	M. Partridge		
Checked By:	H. Mosher		





Nova Sustainable Fuels

Terrestrial Flora Field Results



Assessment Area

Project Footprint

Project Infrastructure

Proposed Freshwater Pipeline Routes

Observed SOCI Species

Black-footed Reindeer Lichen

Dwarf Bilberry

Northern Comandra

Field Assessed Watercourses

Field Assessed Wetlands

Transportation

Road

Unpaved Road

Utilities (Line)

Existing Pipeline

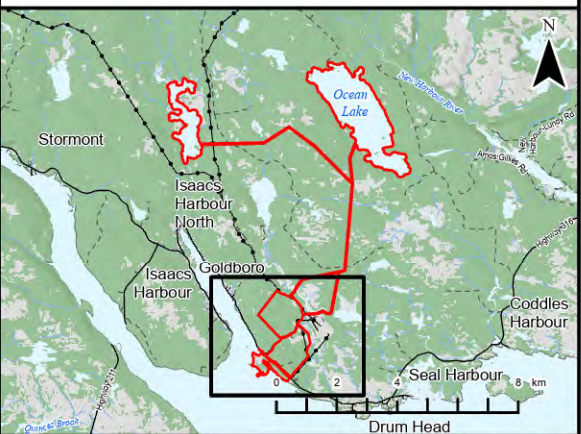
Water Features

Mapped Stream

Mapped Intermittent/Ephemeral Stream

Mapped Wetlands



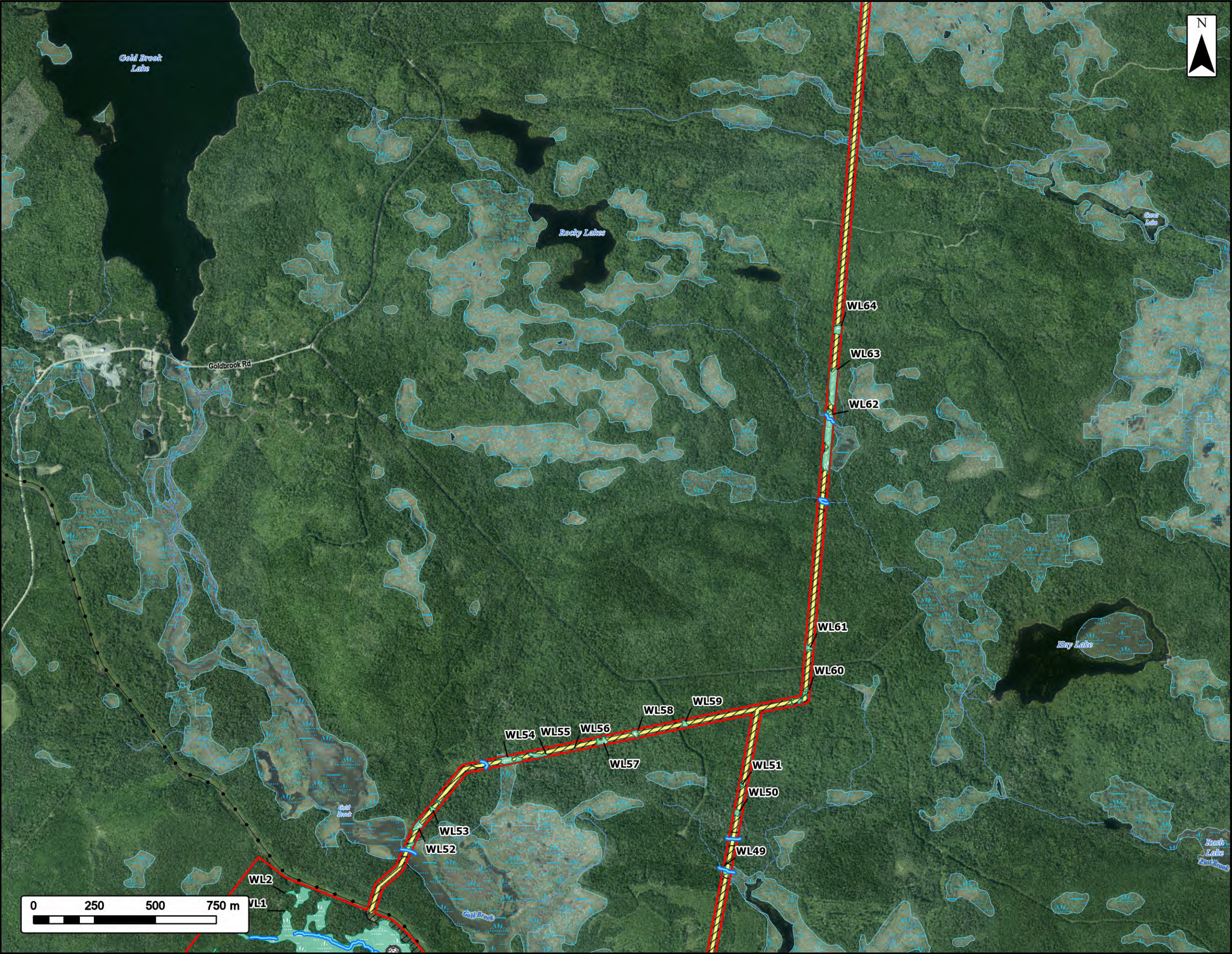


Coordinate System: NAD 1983 UTM Zone 20N

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

Date:	2025-10-22	Project #:	24-10412
Scale:	1:15,000	Drawing #:	7.23A
Drawn By:	M. Partridge		
Checked By:	H. Mosher		

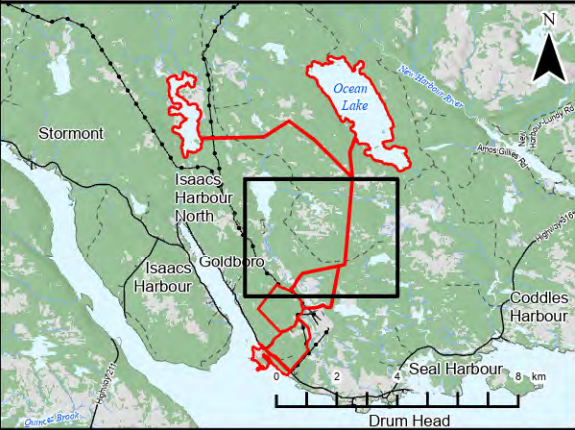




Nova Sustainable Fuels
Terrestrial Flora Field Results



- Assessment Area
- Project Footprint
- Proposed Freshwater Pipeline Routes
- Observed SOCI Species**
- Black-footed Reindeer Lichen
- 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, NSNRR, ACCDC, IBA Canada, CNWI, HERE, Garmin, USGS

Date: 2025-10-22

Project #: 24-10412

Scale: 1:15,000

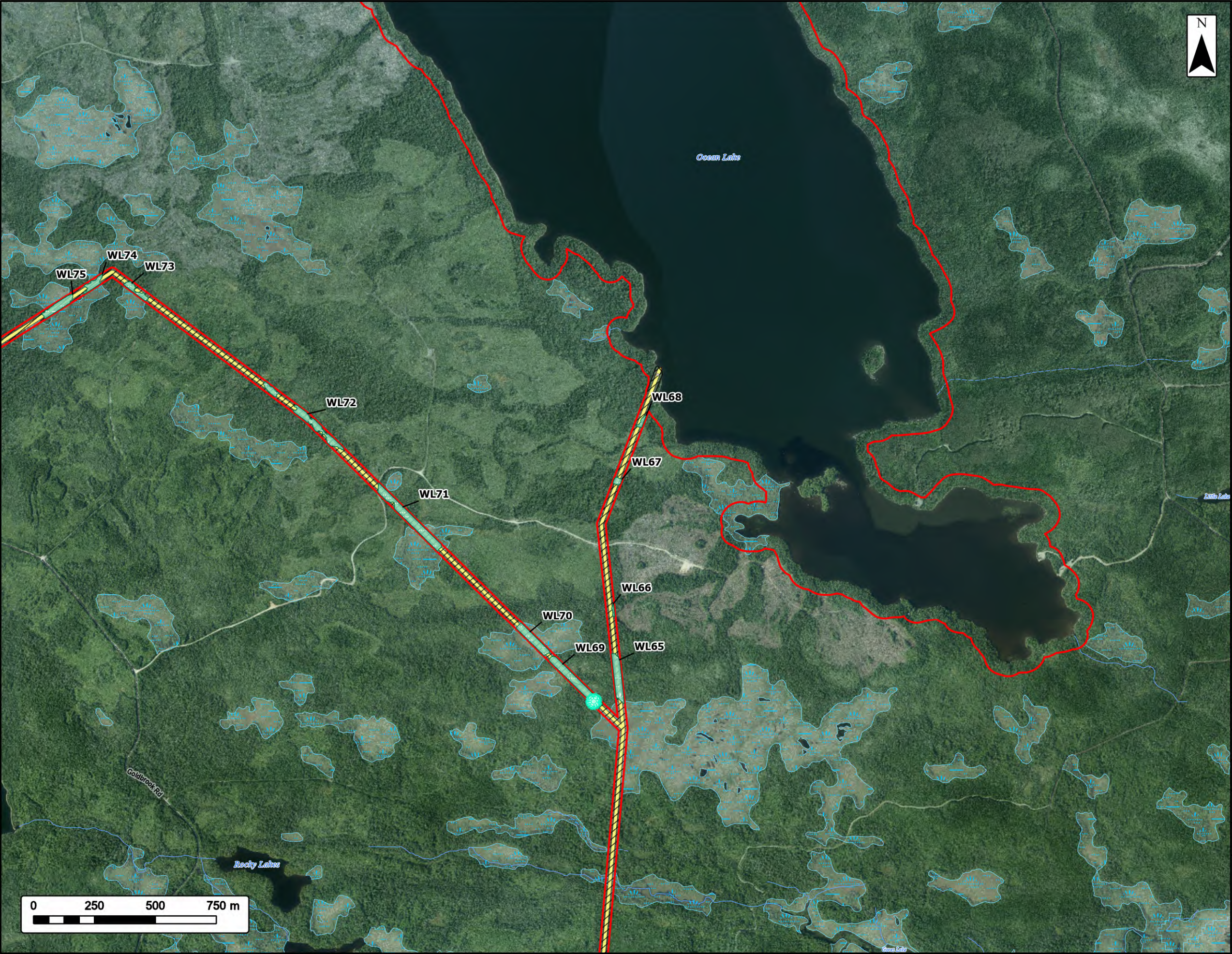
Drawing #:

Drawn By: M. Partridge

7.23B

Checked By: H. Mosher





Nova Sustainable Fuels

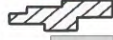
Terrestrial Flora Field Results



Assessment Area



Project Footprint



Project Infrastructure



Proposed Freshwater Pipeline Routes



Observed SOCI Species

Fringe Lichen



Field Assessed Wetlands



Transportation

Unpaved Road



Water Features

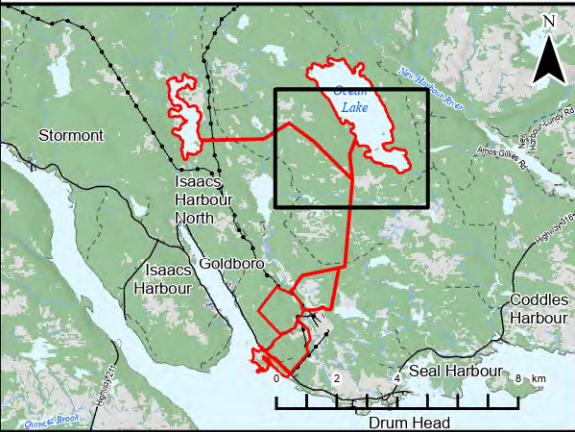
Mapped Stream



Mapped Intermittent/Ephemeral Stream



Mapped Wetlands



Coordinate System: NAD 1983 UTM Zone 20N

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

Date: 2025-10-22

Project #: 24-10412

Scale: 1:15,000

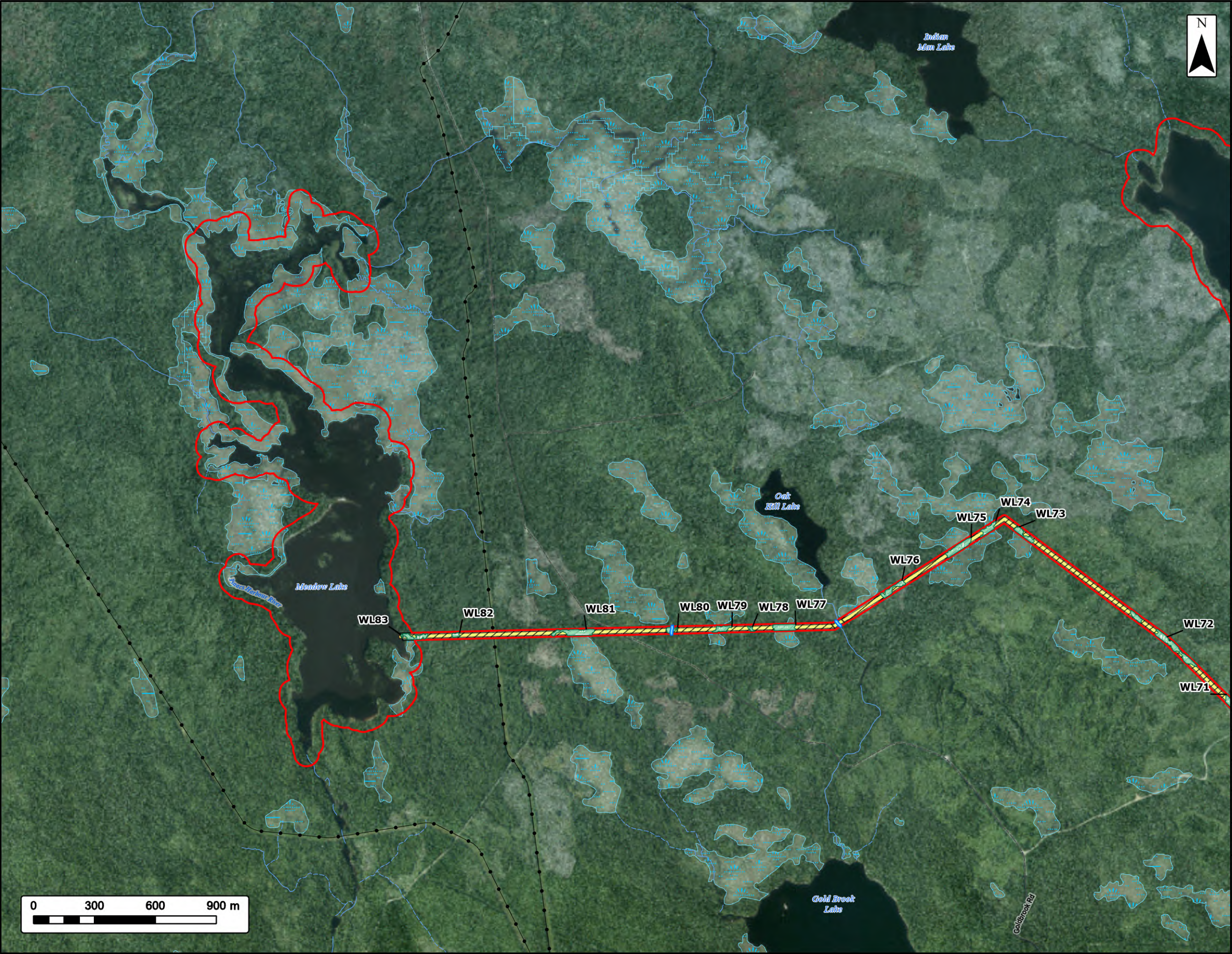
Drawing #:

Drawn By: M. Partridge

7.23C

Checked By: H. Mosher





Nova Sustainable Fuels

Terrestrial Flora Field Results



Assessment Area



Project Footprint



Project Infrastructure



Proposed Freshwater Pipeline Routes



Field Assessed Watercourses

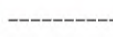


Field Assessed Wetlands



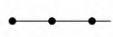
Transportation

Unpaved Road



Utilities (Line)

Existing Pipeline



Water Features

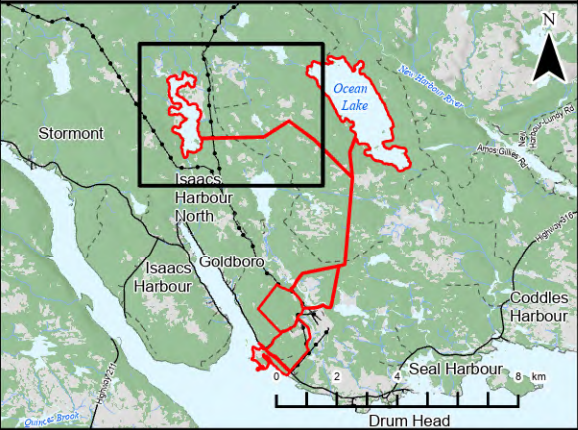
Mapped Stream



Mapped Intermittent/Ephemeral Stream



Mapped Wetlands



Coordinate System: NAD 1983 UTM Zone 20N

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

Date: 2025-10-22

Project #: 24-10412

Scale: 1:18,000

Drawing #:

Drawn By: M. Partridge

7.23D

Checked By: H. Mosher

