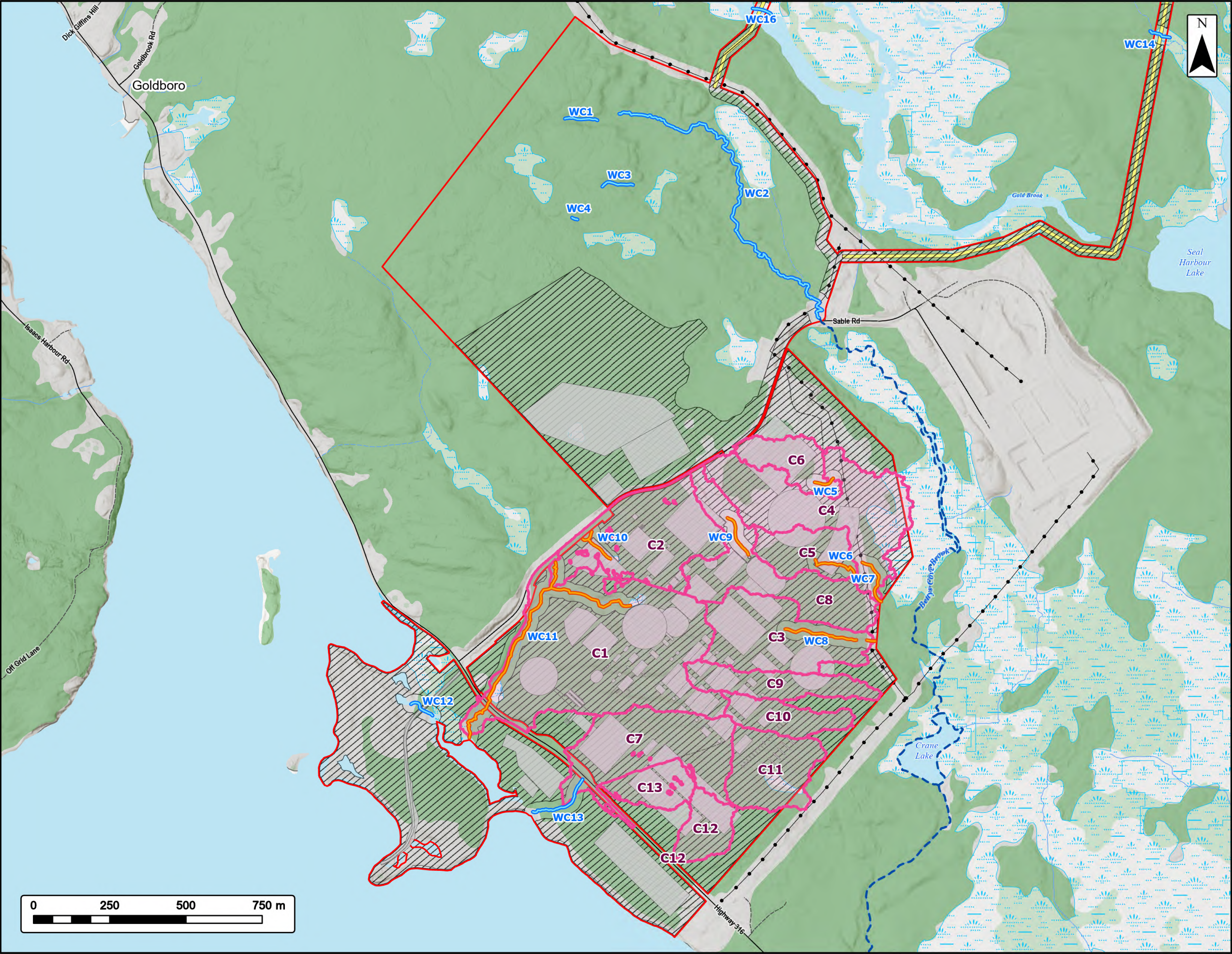




Nova Sustainable Fuels

Local Catchment Areas



Assessment Area

Project Footprint

Project Infrastructure

Proposed Freshwater Pipeline Routes

Field Assessed Watercourses

Anticipated Impacts to Fish and Fish Habitat

Bettys Cove Brook (Mapped Continuation of WC2)

Catchment Areas

Transportation

Road

Unpaved Road

Utilities (Line)

Existing Pipeline

Water Features

Mapped Stream

Mapped Intermittent/Ephemeral Stream

Mapped Lakes and Rivers

Mapped Wetlands





0 50 100 200 km

Coordinate System: NAD 1983 UTM Zone 20N

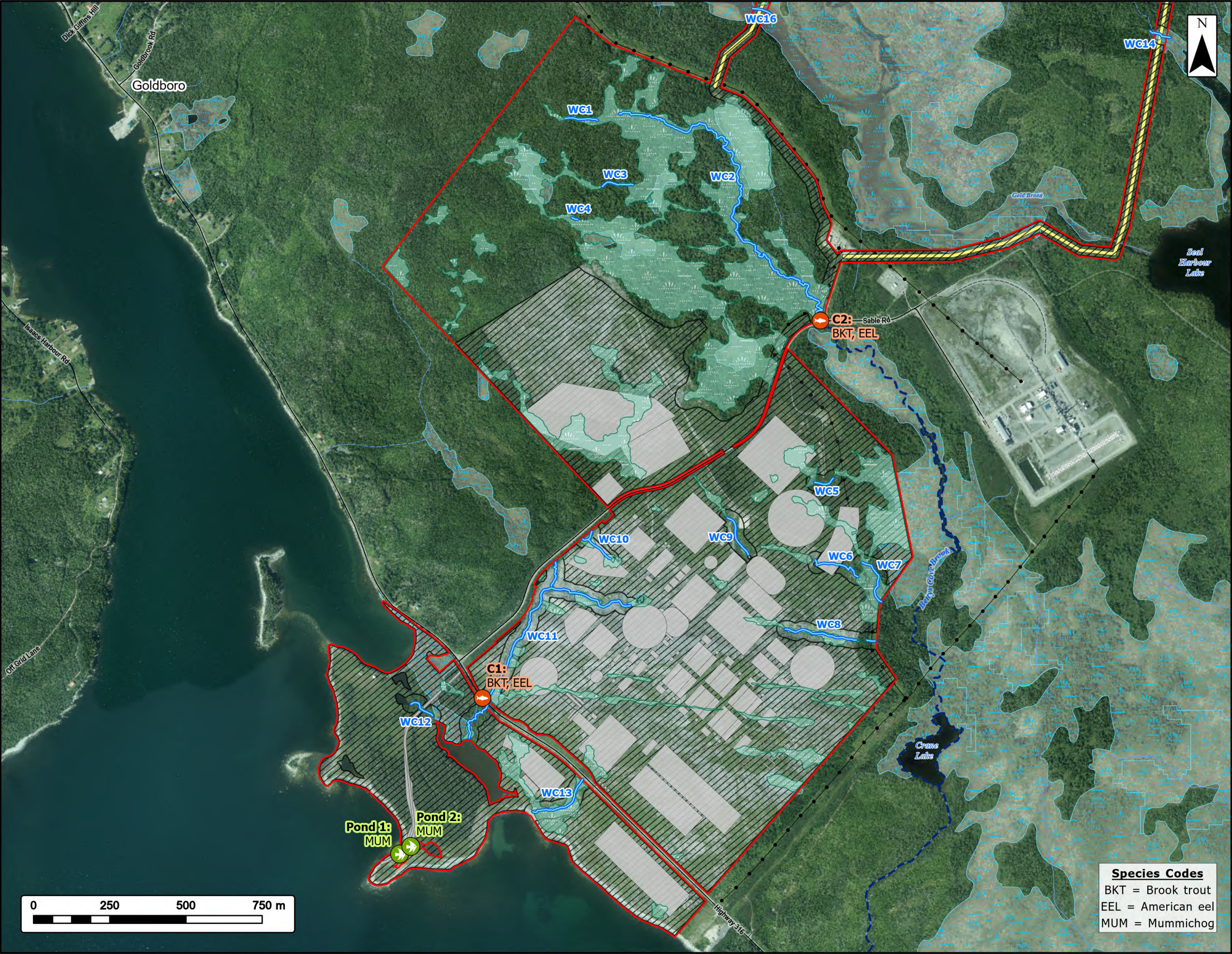
Sources: Esri, NASA, NGA, USGS, Service Nova Scotia, GeoNOVA, SNSIS, NSNRR, ACCDC, IBA Canada, CNWI, HERE, Garmin, USGS

Date:	2025-10-20	Project #:	24-10412
Scale:	1:12,000	Drawing #:	7.16
Drawn By:	M. Partridge		
Checked By:	H. Mosher		





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Nova Sustainable Fuels

Fish & Fish Habitat Assessment Results



- Assessment Area
- Project Footprint
- Project Infrastructure
- Proposed Freshwater Pipeline Routes
- Electrofishing Locations
- Fish Trapping Locations
- 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

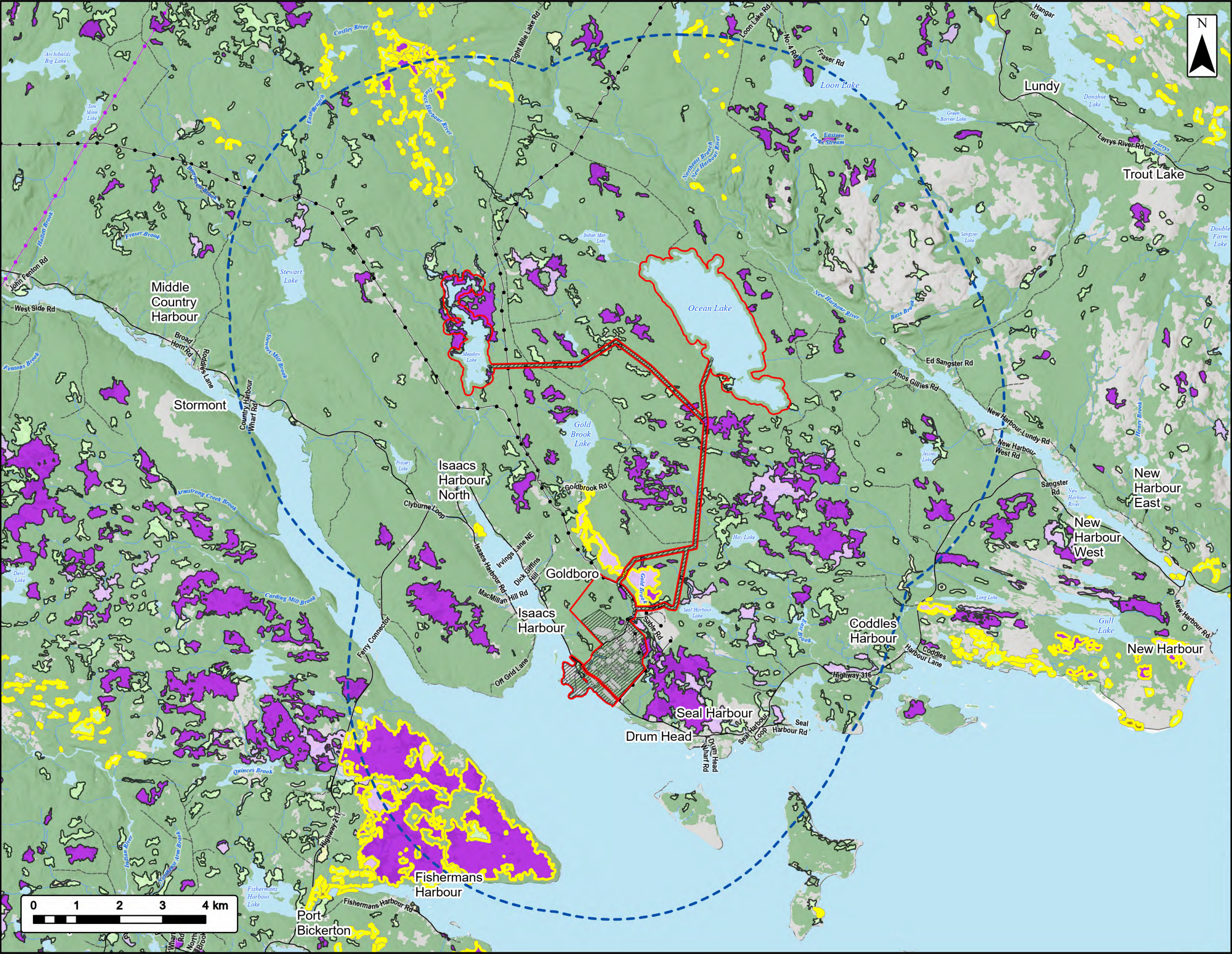


Coordinate System: NAD 1983 UTM Zone 20N
Sources: Service Nova Scotia, GeoNOVA, SNSIS, NSNRR, ACCDC, IBA Canada, CNWI, HERE, Garmin, USGS

Date:	2025-10-20	Project #:	24-10412
Scale:	1:12,000	Drawing #:	7.17
Drawn By:	M. Partridge		
Checked By:	H. Mosher		



Species Codes
BKT = Brook trout
EEL = American eel
MUM = Mummichog



Nova Sustainable Fuels

Desktop Wetlands



Assessment Area

Wetland LAA (5 km)

Project Footprint

Project Infrastructure

Mapped Wetlands of Special Significance (WSS)

NSDNR Wetland Inventory

Bog or Fen

Fen

Marsh

Salt Marsh

Swamp

Transportation

Road

Unpaved Road

Utilities (Line)

Existing Pipeline

Existing Transmission Lines

Water Features

Mapped Stream

Mapped Intermittent/Ephemeral Stream

Mapped Lakes and Rivers

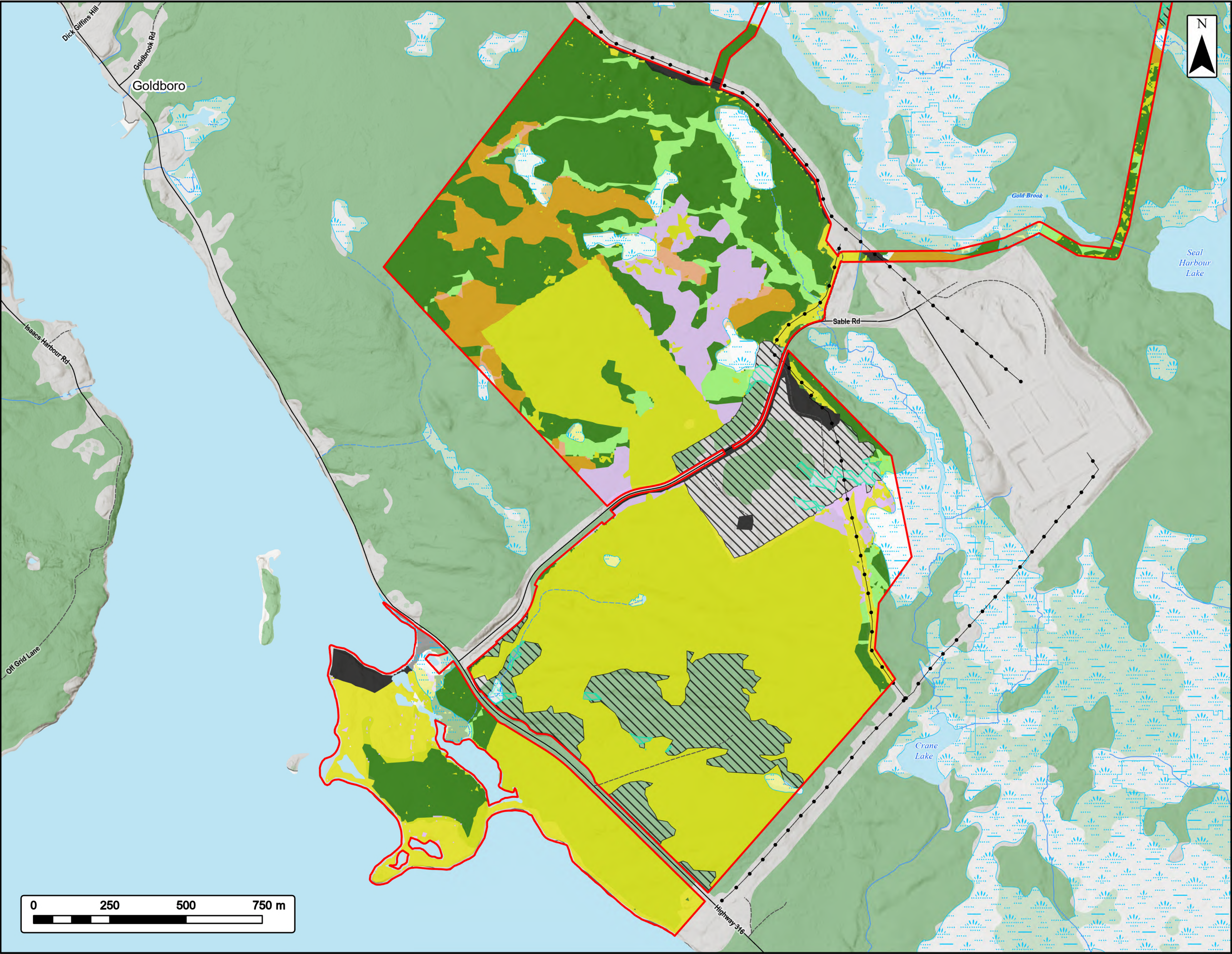


Coordinate System: NAD 1983 UTM Zone 20N

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:	1:85,000	Drawing #:	7.18
Drawn By:	M. Partridge		
Checked By:	H. Mosher		





Nova Sustainable Fuels

Land Cover within Assessment Area



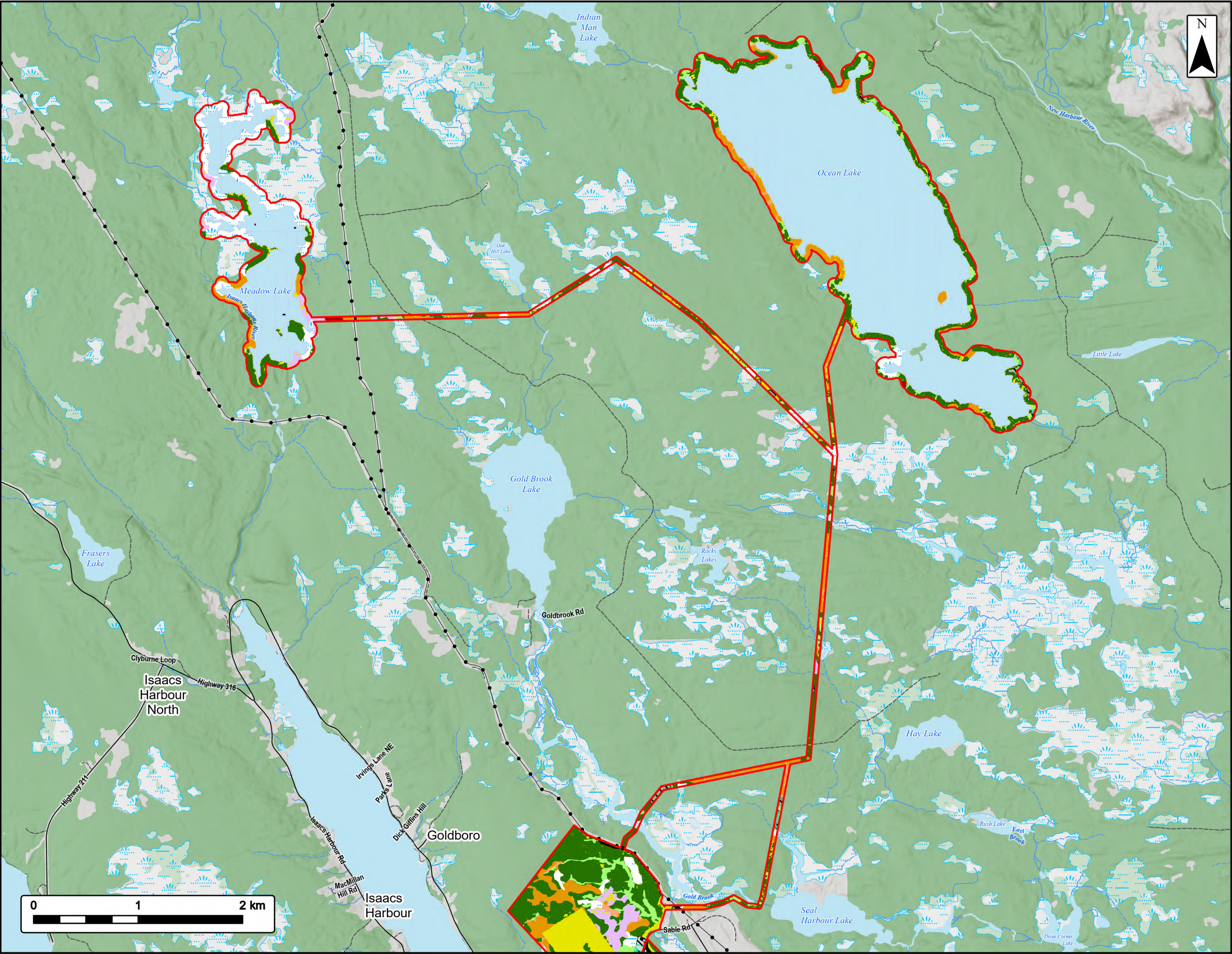
Assessment Area		Transportation	
		Road	
		Unpaved Road	
Vegetation Community Habitat Model		Utilities (Line)	
Cutover		Existing Pipeline	
Cutover Wetland			
Hardwood Wet Forest		Water Features	
Mixedwood Wet Forest		Mapped Stream	
Open Areas		Mapped Intermittent/ Ephemeral Stream	
Open Wetland		Mapped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



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:	2025-10-21	Project #:	24-10412
Scale:	1:12,000	Drawing #:	7.19A
Drawn By:	M. Partridge		
Checked By:	H. Mosher		





Nova Sustainable Fuels

Land Cover within Assessment Area



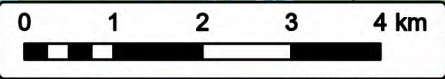
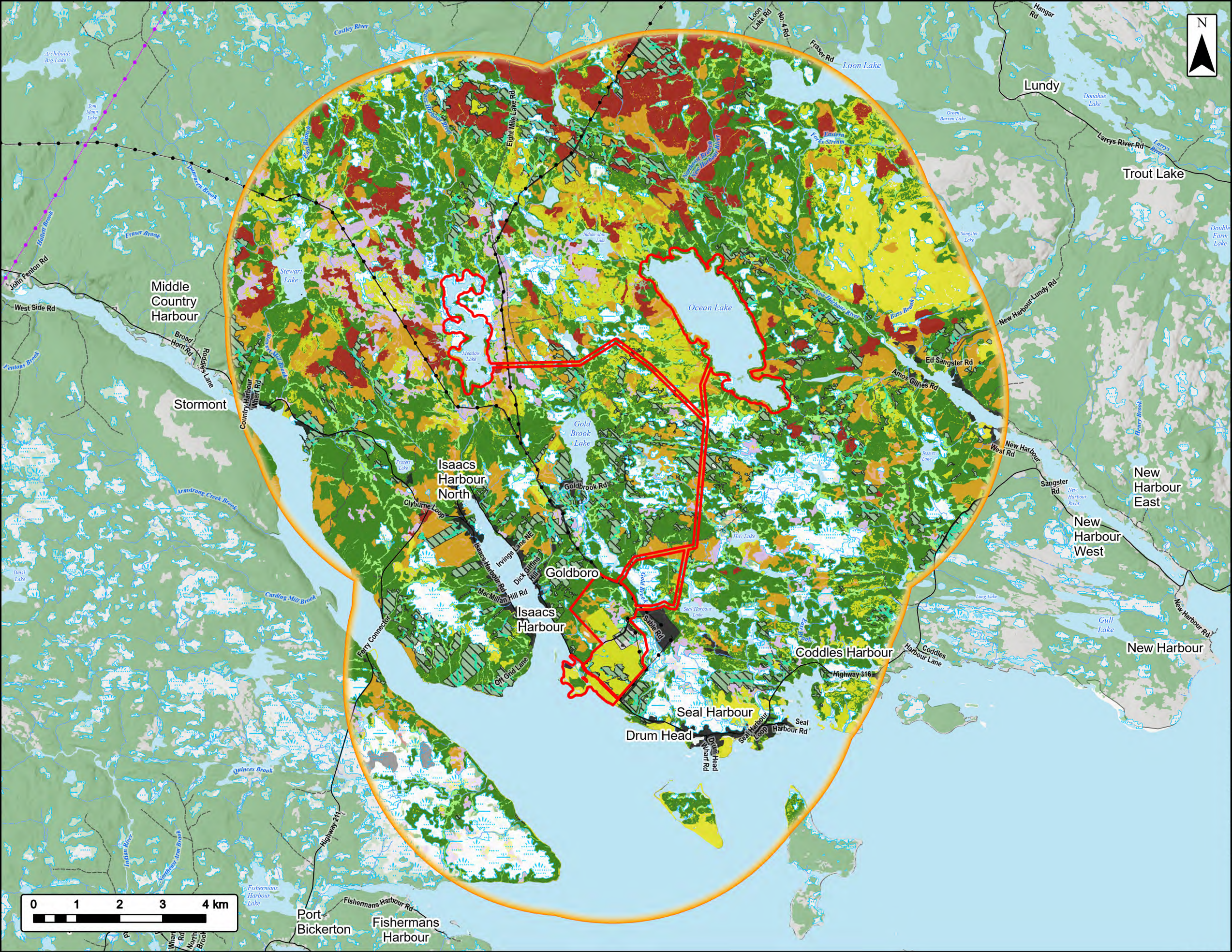
Assessment Area		Transportation	
		Road	
Vegetation Community Habitat Model		Unpaved Road	
Cutover		Utilities (Line)	
Cutover Wetland		Existing Pipeline	
Hardwood Forest		Water Features	
Hardwood Wet Forest		Mapped Stream	
Mixedwood Wet Forest		Mapped Intermittent/ Ephemeral Stream	
Open Areas		Mapped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



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:	2025-10-21	Project #:	24-10412
Scale:	1:35,000	Drawing #:	7.19B
Drawn By:	M. Partridge		
Checked By:	H. Mosher		





Nova Sustainable Fuels

Land Cover within the Local Assessment Area



Assessment Area		Transportation	
Local Assessment Area (5 km)		Road	
		Unpaved Road	
Vegetation Community		Utilities (Line)	
Habitat Model		Existing Pipeline	
Cutover		Existing Transmission Lines	
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			
Softwood Wet Forest			
Urban/ Developed			
Water			



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:	2025-10-21	Project #:	24-10412
Scale:	1:85,000	Drawing #:	7.19C
Drawn By:	M. Partridge		
Checked By:	H. Mosher		

