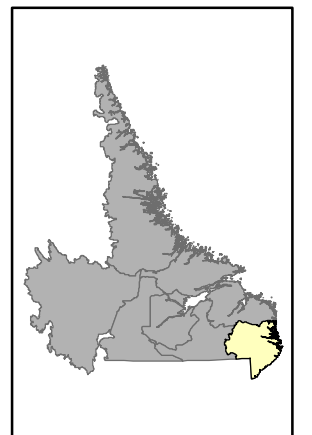


# Map 1 Drieman Vegetation Classification Forest Management District 21

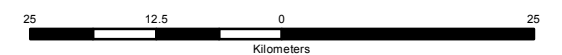


## LEGEND

- District Boundary
- Unclassified
- Heavily Stocked Spruce/Fir Commercial Forest
- Moderately Stocked Spruce/Fir Commercial Forest
- SCS with Sphagnum/Feathermoss
- SCS with Lichen mosses
- Immature Spruce/Fir
- Spruce /Fir Regeneration
- Mixedwood Mature
- Hardwood Mature
- Hardwood Successional
- Hardwood Scrub
- Lichen/Soil Barren
- Rock Barren
- Lichen/Recent Burn
- Recent Burn
- Lichen Scrub/Open Bog
- Open Bog
- String Bog
- Tree Bog
- Wet Sites
- Cleared Land
- Sand
- Waterbodies
- Waterbodies
- Cloud

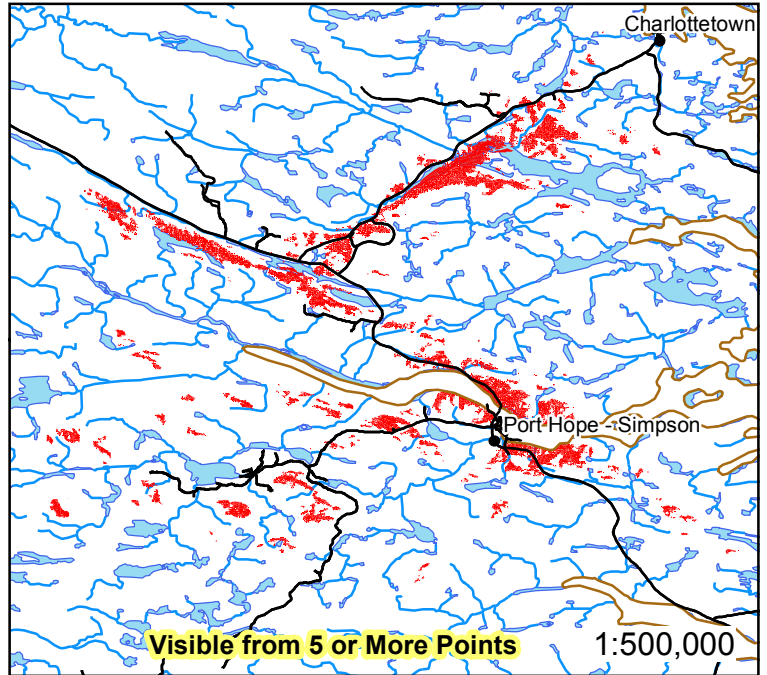
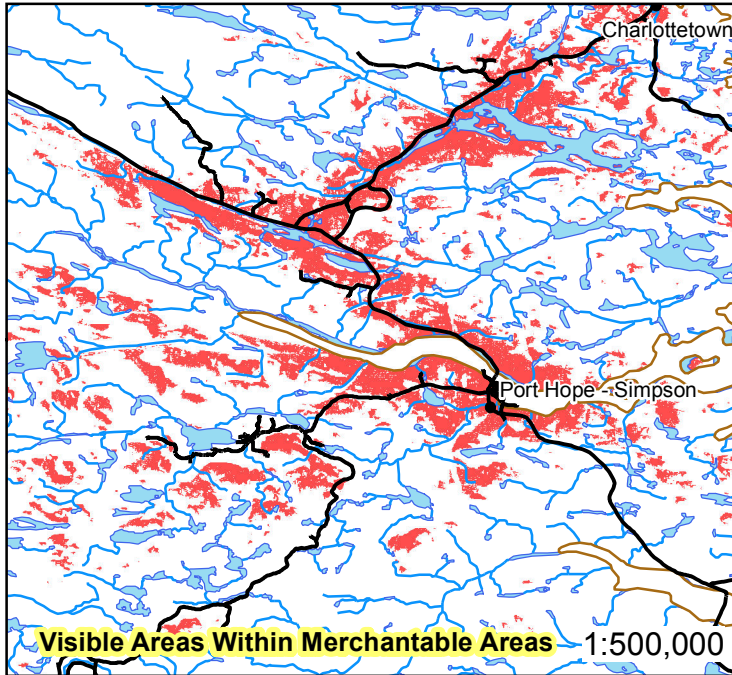
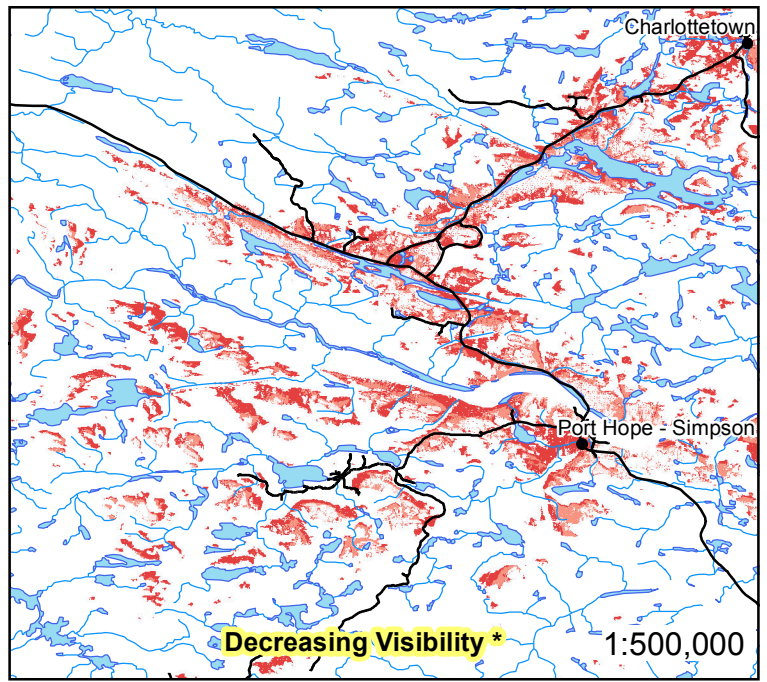
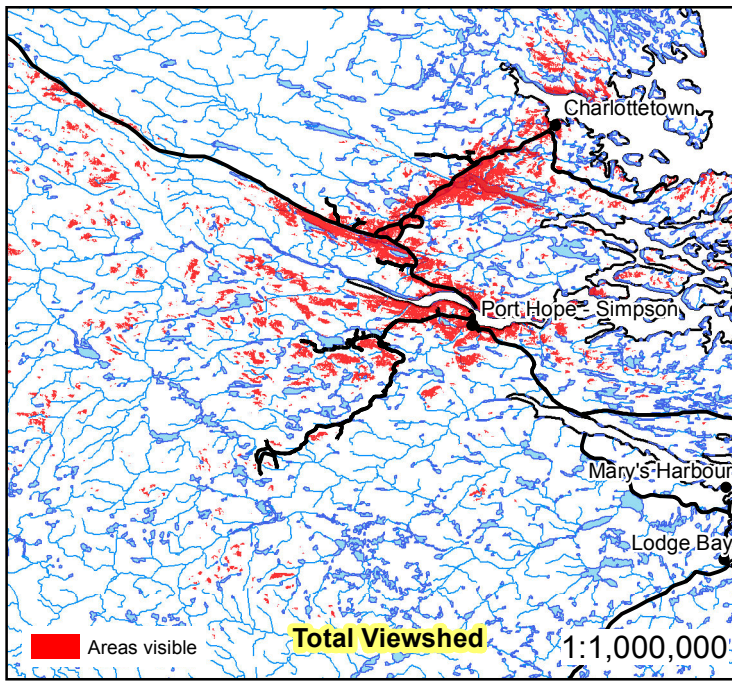


LABRADOR



DEPARTMENT OF NATURAL RESOURCES

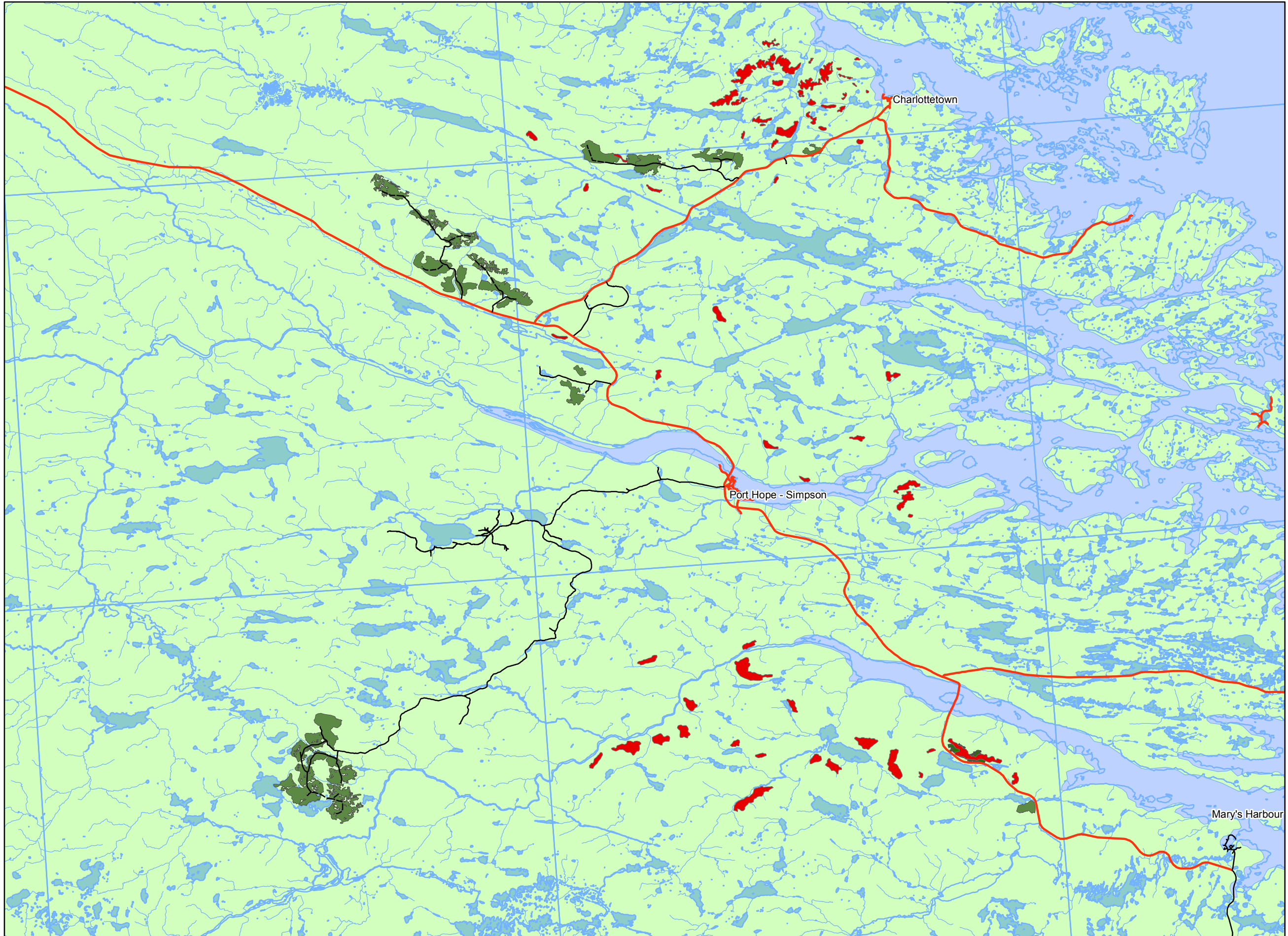




\* Decreasing Visibility - The lightest areas are visible from 5 or more points viewpoints along the highway. The darkest areas are only visible from 1 viewpoint along the highway.

## Map 2 Trans-Labrador Highway Viewshed Analysis



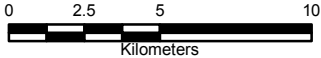


Map 3a  
Overview of Proposed  
Commercial Activities  
2012-2016

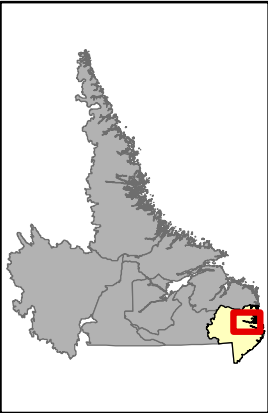


Legend

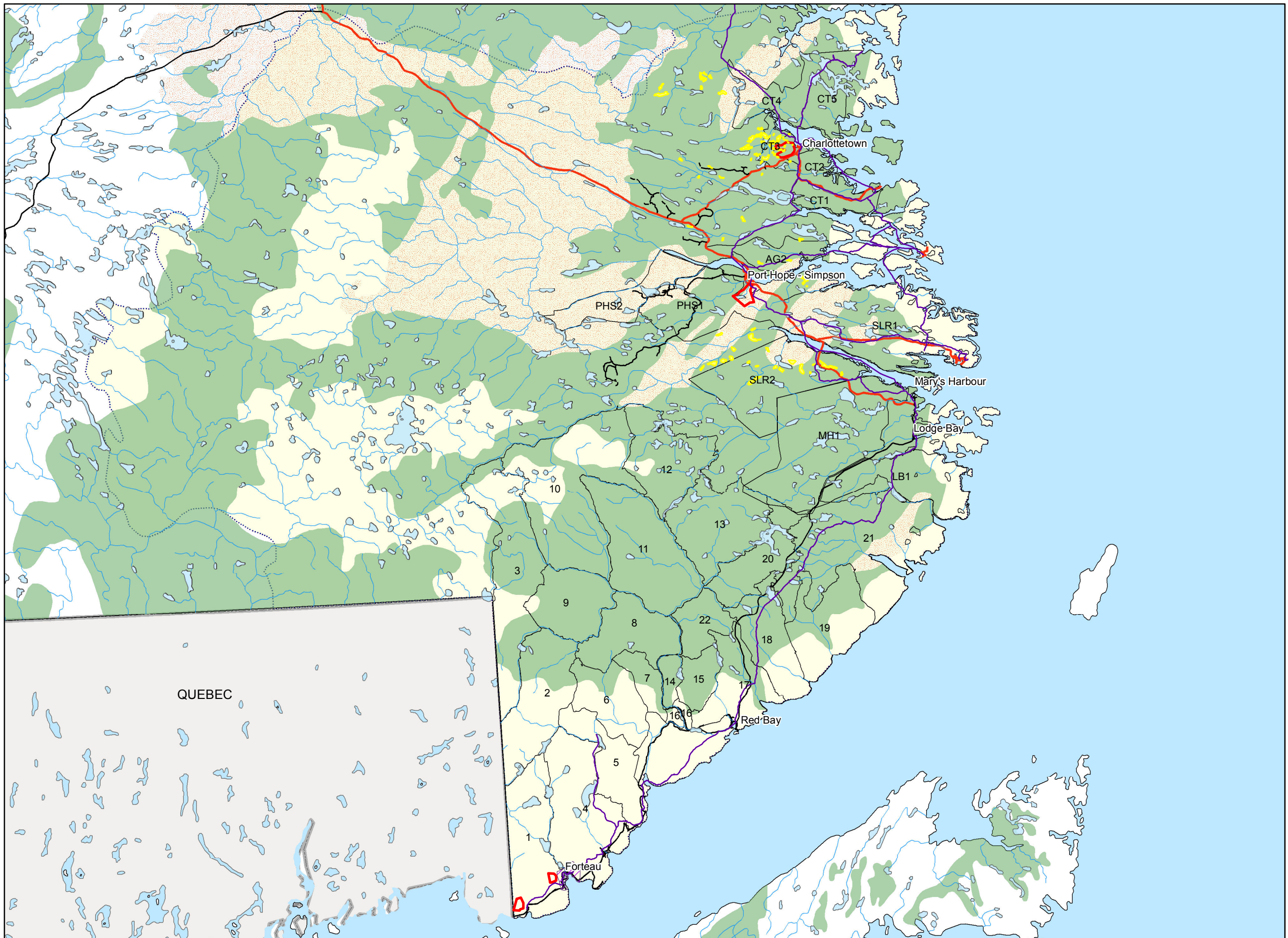
- Insect Damage
- Proposed Roads
- Access Roads
- Provincial Roads
- SLR1\_new
- Proposed Commercial Harvest Areas
- Brooks & Streams
- Lakes & Ponds



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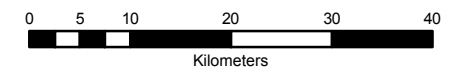


Map 3b  
Overview of Proposed  
Domestic Activities  
2012-2016

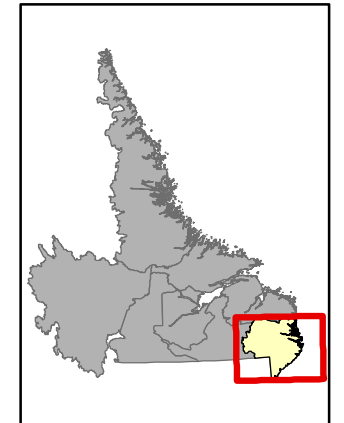


**Legend**

- ~ Access Roads
- Trans-Labrador Highway
- Snowmobile Trails
- ~ Proposed Roads
- Brooks & Rivers
- Domestic Cutting Areas
- Pinware Park (No Cutting)
- Insect Damage
- Protected Water Supplies
- Lakes & Ponds
- Forested
- Burn
- FMD 21

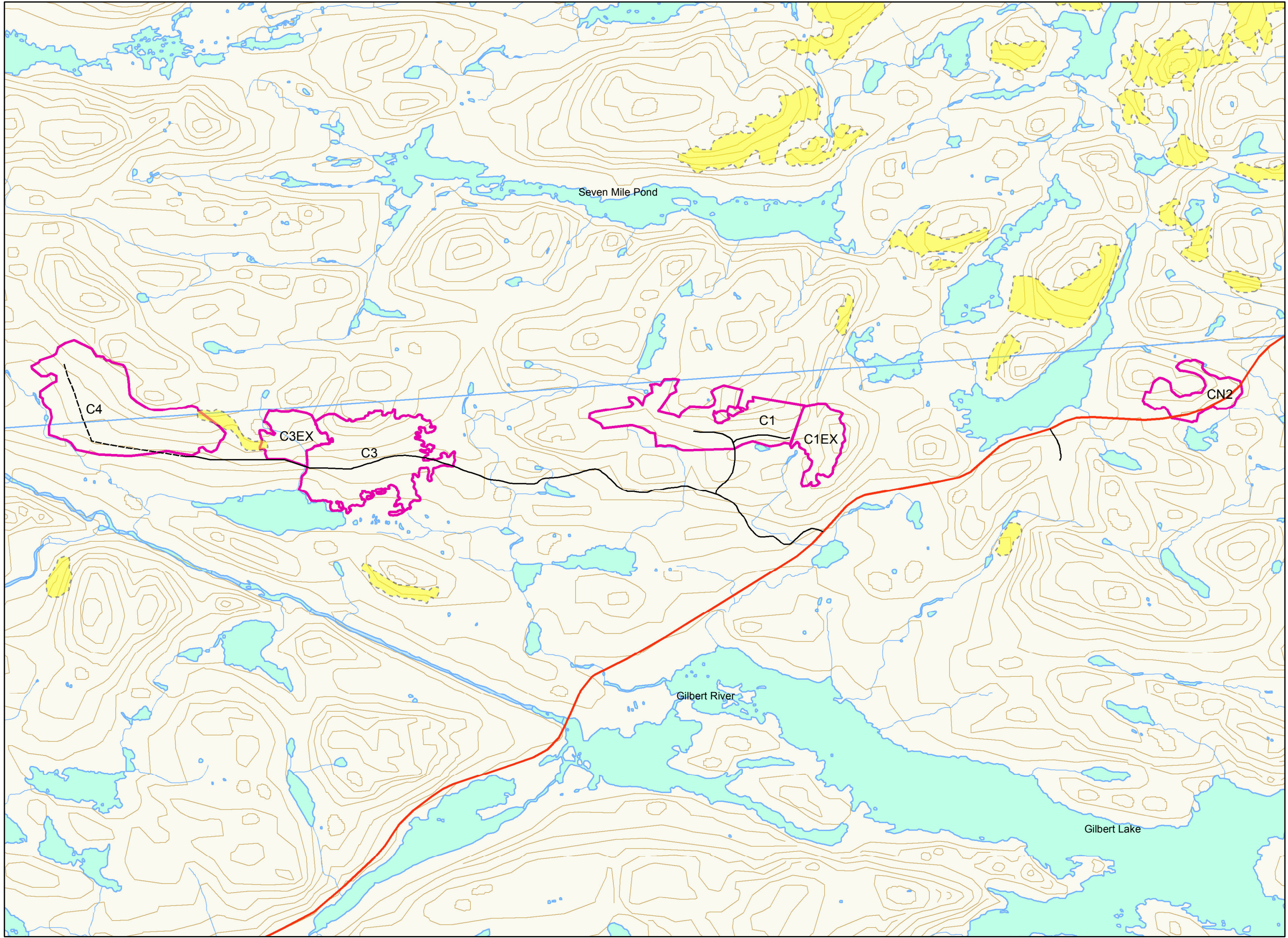


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DEPARTMENT OF NATURAL RESOURCES



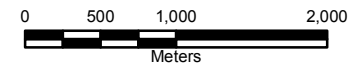


Map 4  
Proposed Harvest Units  
Charlottetown  
Planning Area

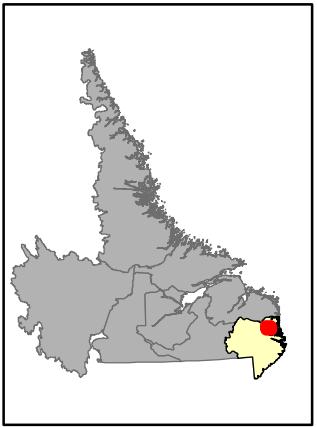


**Legend**

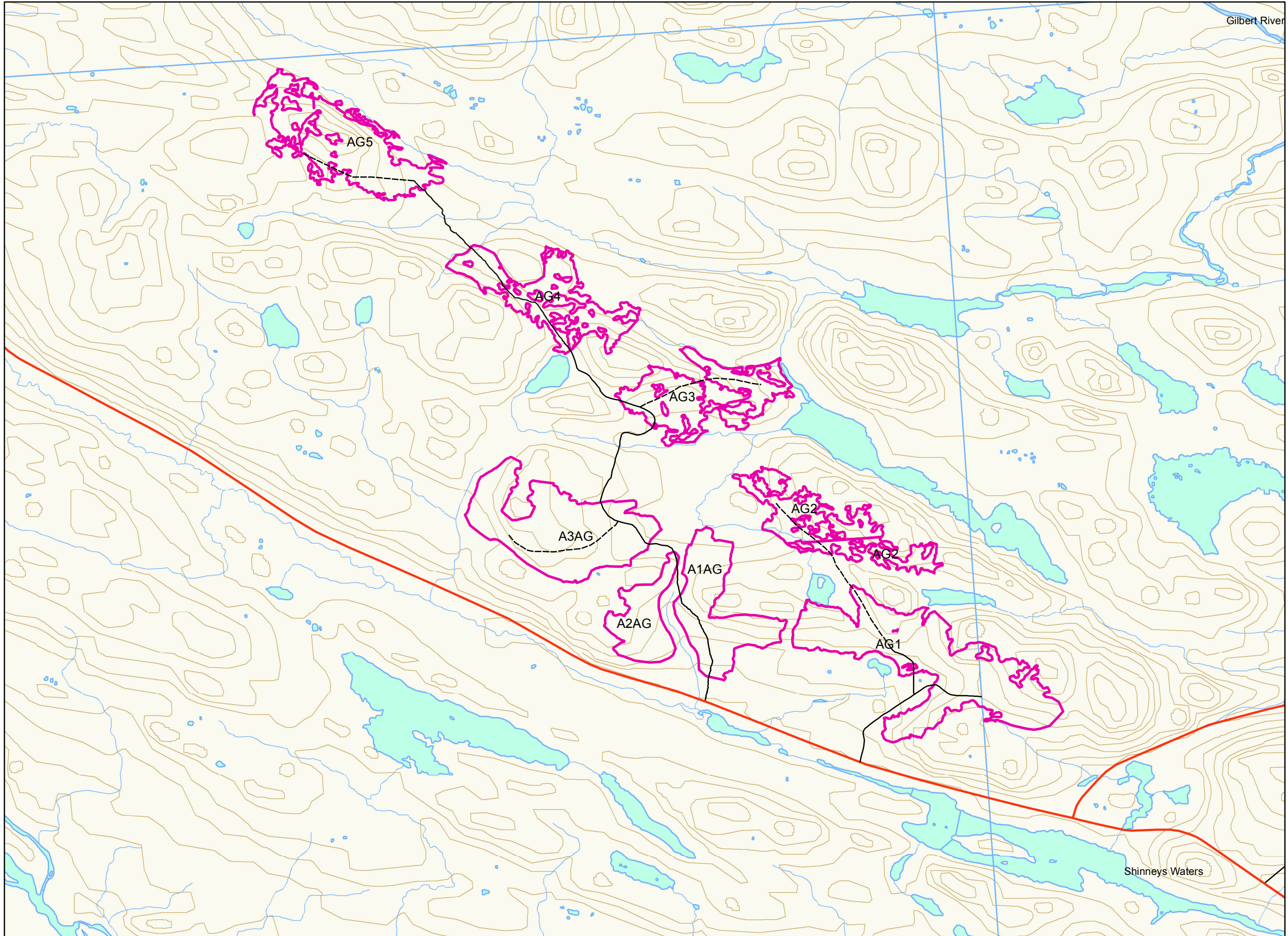
- Insect Damage
- Proposed Roads
- Access Roads
- Trans Labrador Highway
- Contours
- Proposed Commercial Harvest Areas
- Lakes & Ponds
- Brooks & Streams



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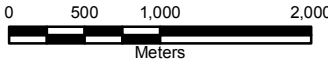




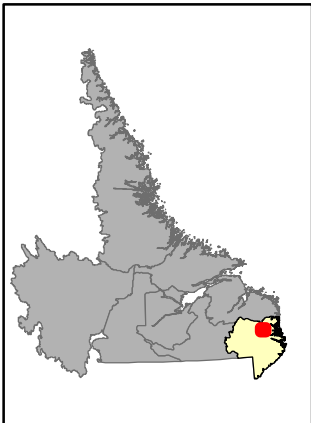
Map 5  
Proposed Harvest Units  
Discovery Access Road  
Alexis to Gilberts  
Planning Area



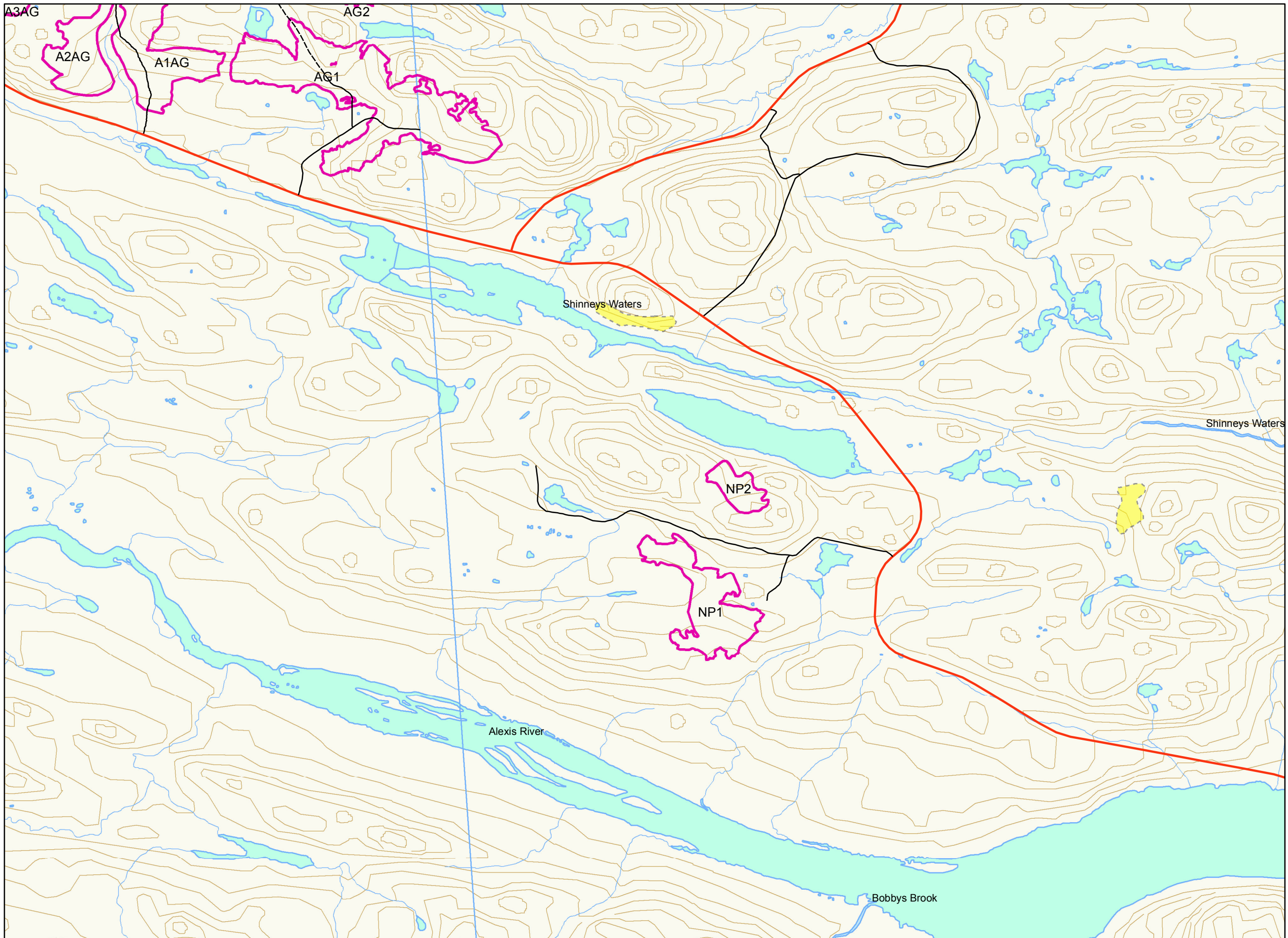
- Legend**
- Proposed Roads
  - Access Roads
  - Trans Labrador Highway
  - Proposed Commercial Harvest Areas
  - Lakes & Ponds
  - Brooks & Streams



1:50,000



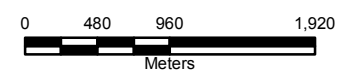




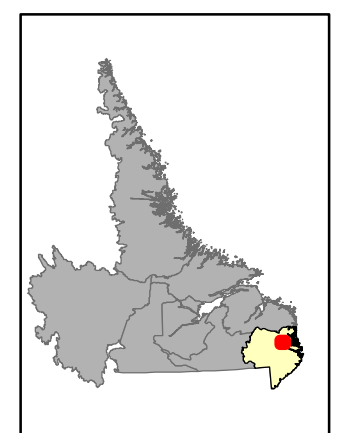
**Map 6**  
**Proposed Harvest Units**  
**Noralls Pond Road**  
**Alexis to Gilberts**  
**Planning Area**



- Legend**
- Proposed Roads
  - Access Roads
  - Trans Labrador Highway
  - Insect Damage
  - Proposed Commercial Harvest Areas
  - Lakes & Ponds
  - Brooks & Streams

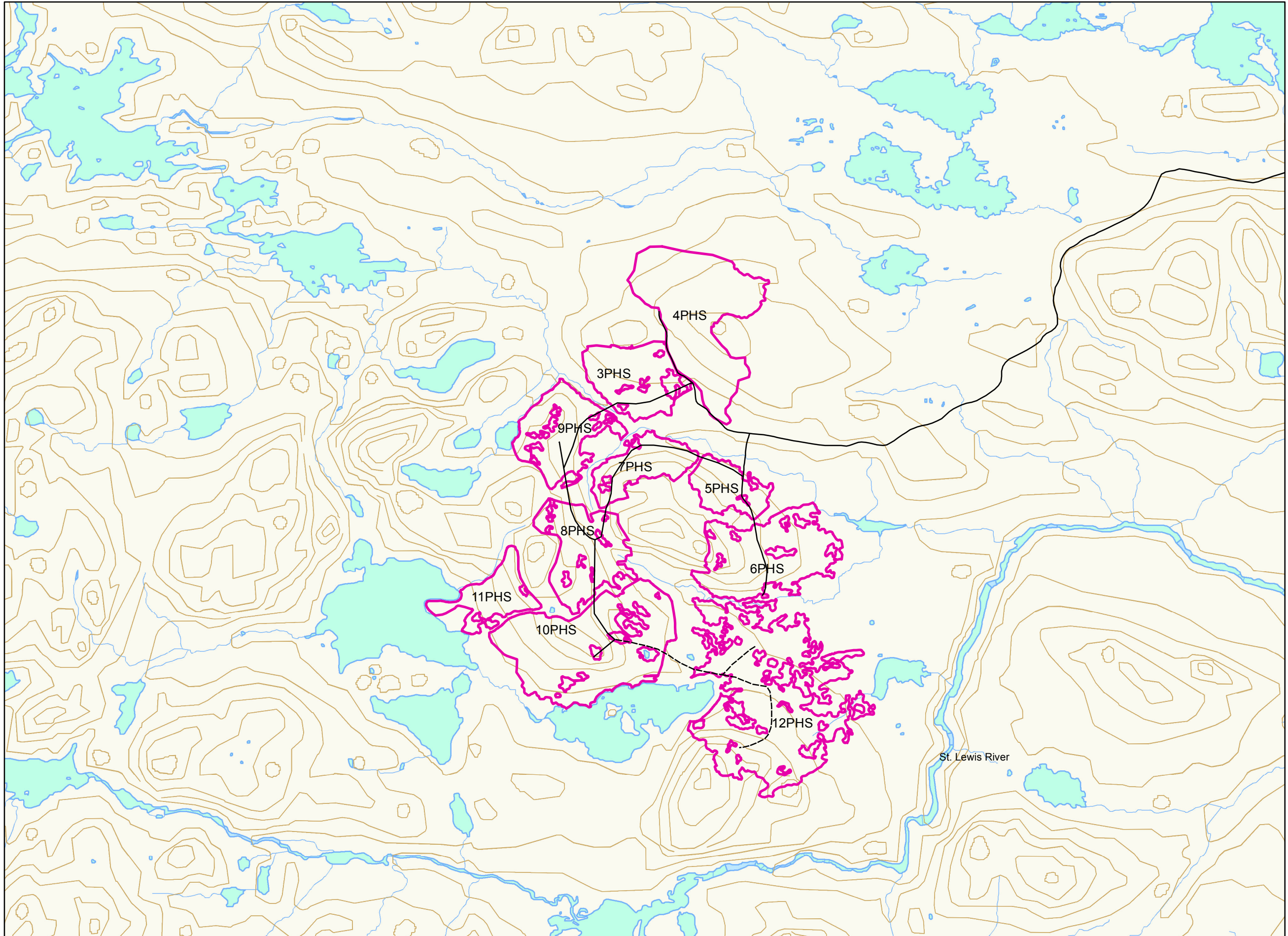


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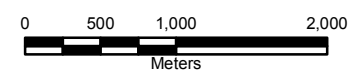


Map 7  
Proposed Harvest Units  
Port Hope Simpson  
Planning Area

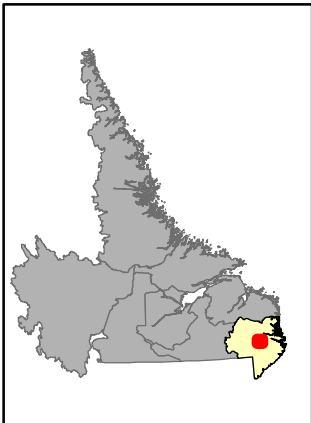


**Legend**

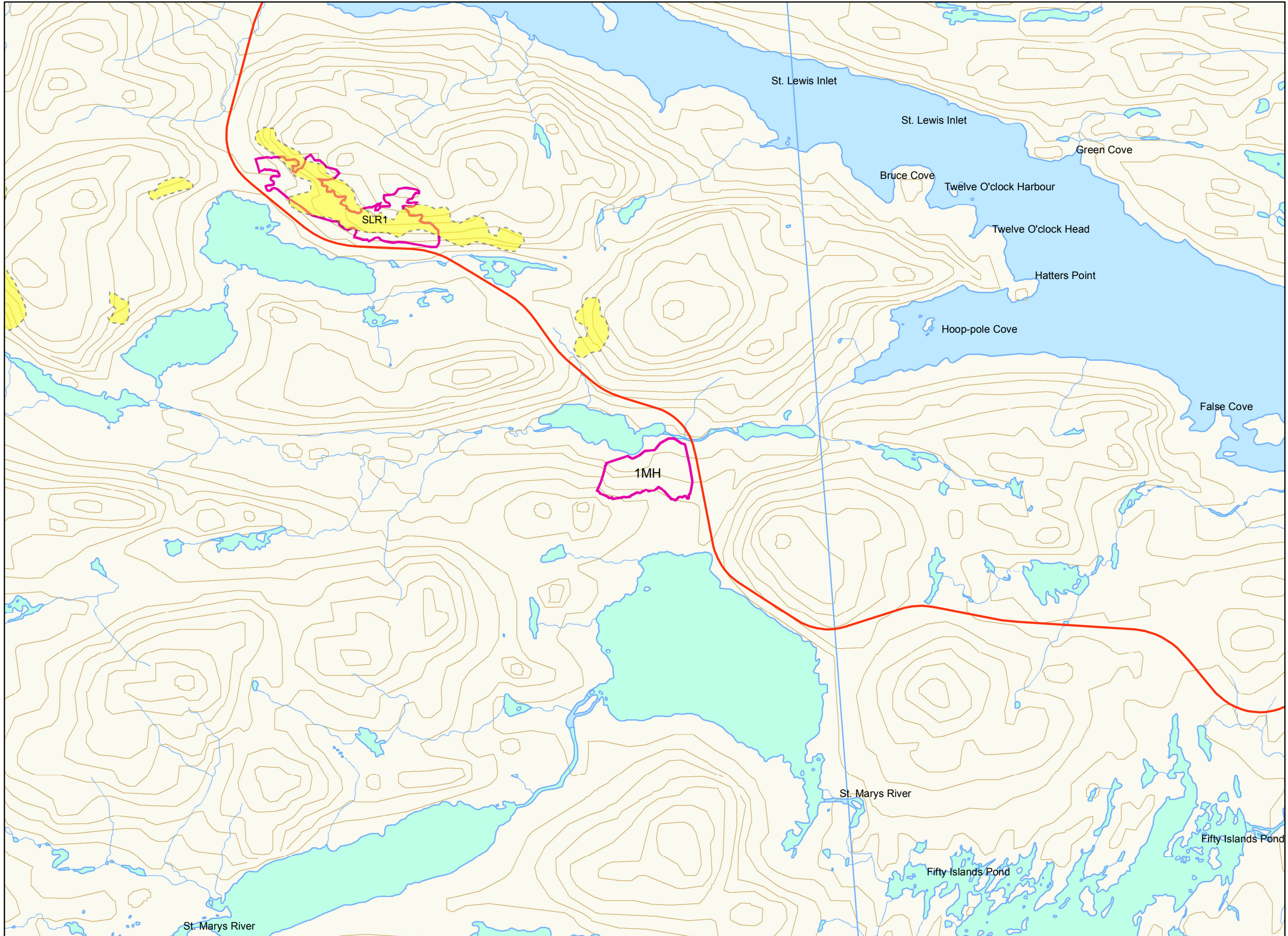
- Proposed Roads
- Access Roads
- Trans Labrador Highway
- Contours
- Proposed Commercial Harvest Areas
- Brooks & Streams
- Lakes & Ponds



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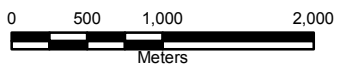


**Map 8**  
**Proposed Harvest Units**  
**Marys Harbour**  
**Planning Area**

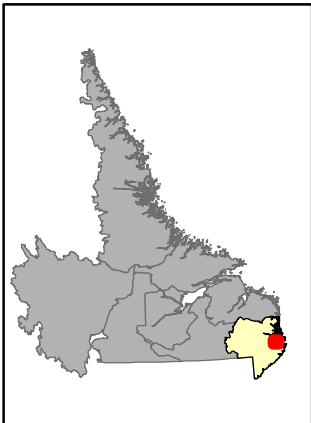


**Legend**

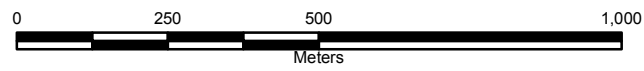
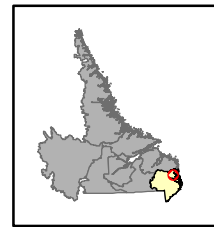
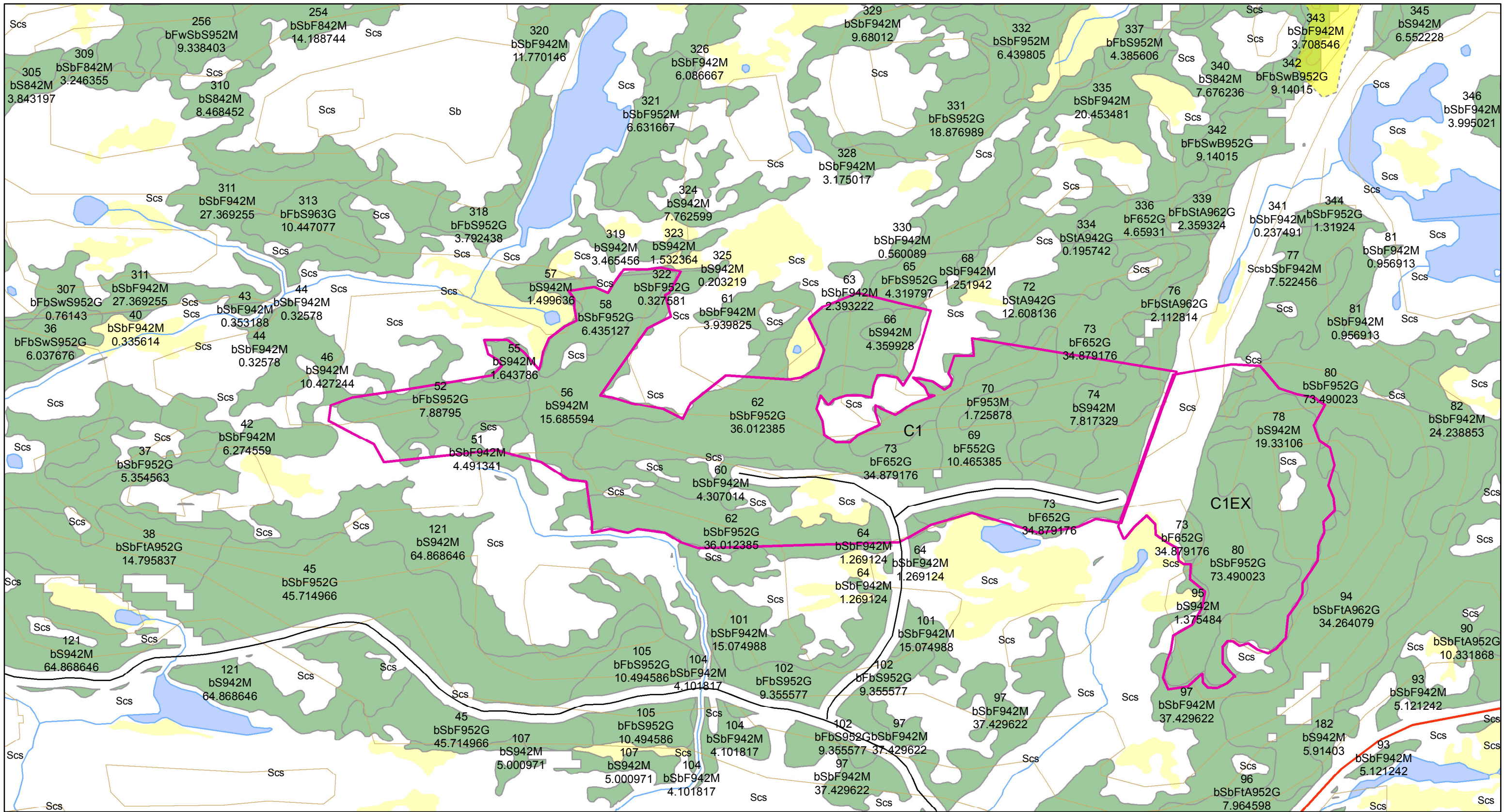
- Proposed Roads
- Access Roads
- Trans Labrador Highway
- Insect Damage
- Proposed Commercial Harvest Areas
- Brooks & Streams
- Lakes & Ponds
- Contours



1:50,000







1:12,500

**Map 9**  
**Proposed Harvest Units**  
**1C & 1CEX**  
**Charlottetown Planning Area**

Legend	
	Proposed Roads
	Access Roads
	Trans Labrador Highway
	Contours
	Streams and Brooks
	Proposed Commercial Harvest Areas
	Operational Forest
	Bog
	Lakes and Ponds
	Insect Damage

  
**Newfoundland  
Labrador**

DEPARTMENT OF NATURAL RESOURCES



## Operating Areas Description Sheet

<b>Operating Area: Charlottetown</b>		<b>Operating Area Number: C1</b>
<b>NFS Inventory Map #: 369-42</b>		<b>NTS Map #: 13A9, 13A16</b>
<b>Description of Area:</b>	The C1 Commercial Cutting Block is located within the Mid-boreal forest ecoregion. This is a moderate sized (118 ha) block of spruce and fir. It is marginally visible from the Charlottetown Access Road, however should have little impact on the aesthetics of this area.	
<b>Harvesting Activity:</b>	The majority of this area has been previously commercially harvested, however the remaining volume is suitable to be harvested by commercial permit for sawlogs, energywood and fuelwood. There will be a combination of summer and winter harvesting and extraction. It is estimated that approximately 400 m <sup>3</sup> of softwood will be harvested out of this area between 2012 and 2016.	
<b>Silviculture Activity:</b>	Regeneration surveys will be conducted determine level of natural regeneration 3-5 years after harvesting. A possible silviculture prescription of planting and/or gap planting of black spruce seedlings may be applied.	
<b>Primary Forest Access Road Construction:</b>	Current road network in place	
<b>Non Timber Considerations And Mitigations:</b>	This area is visible from the Charlottetown Access Road. To try and help mitigate the negative visual effect of harvesting, the Department will implement guidelines as described in detail in the forest management plan.	



## Operating Areas Description Sheet

<b>Operating Area: Charlottetown</b>		<b>Operating Area Number: C1EX</b>	
<b>NFS Inventory Map #: 369-42</b>		<b>NTS Map #: 13A9</b>	
<b>Description of Area:</b>	The C1EX Commercial Cutting Block is located within the Mid-boreal forest ecoregion. This is a smaller sized (35 ha) block of spruce and fir located on a south-western facing slope. It is marginally visible from the Charlottetown Access Road, however should have little impact on the aesthetics of this area.		
<b>Harvesting Activity:</b>	The area has not had any previous harvesting and it will be harvested by commercial permit for sawlogs, energywood and fuelwood. There will be a combination of summer and winter harvesting and extraction. It is estimated that approximately 3,673 m <sup>3</sup> of softwood will be harvested out of this area between 2012 and 2016.		
<b>Silviculture Activity:</b>	Regeneration surveys will be conducted determine level of natural regeneration 3-5 years after harvesting. A possible silviculture prescription of planting and/or gap planting of black spruce seedlings may be applied.		
<b>Primary Forest Access Road Construction:</b>	Current road network in place		
<b>Non Timber Considerations And Mitigations:</b>	This area is visible from the Charlottetown Access Road. To try and help mitigate the negative visual effect of harvesting, the Department will implement guidelines as described in detail in the forest management plan.		







## Operating Areas Description Sheet

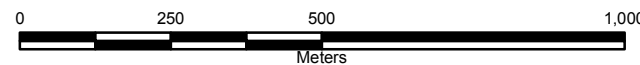
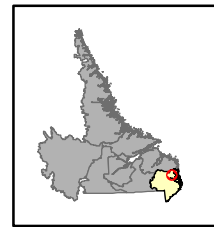
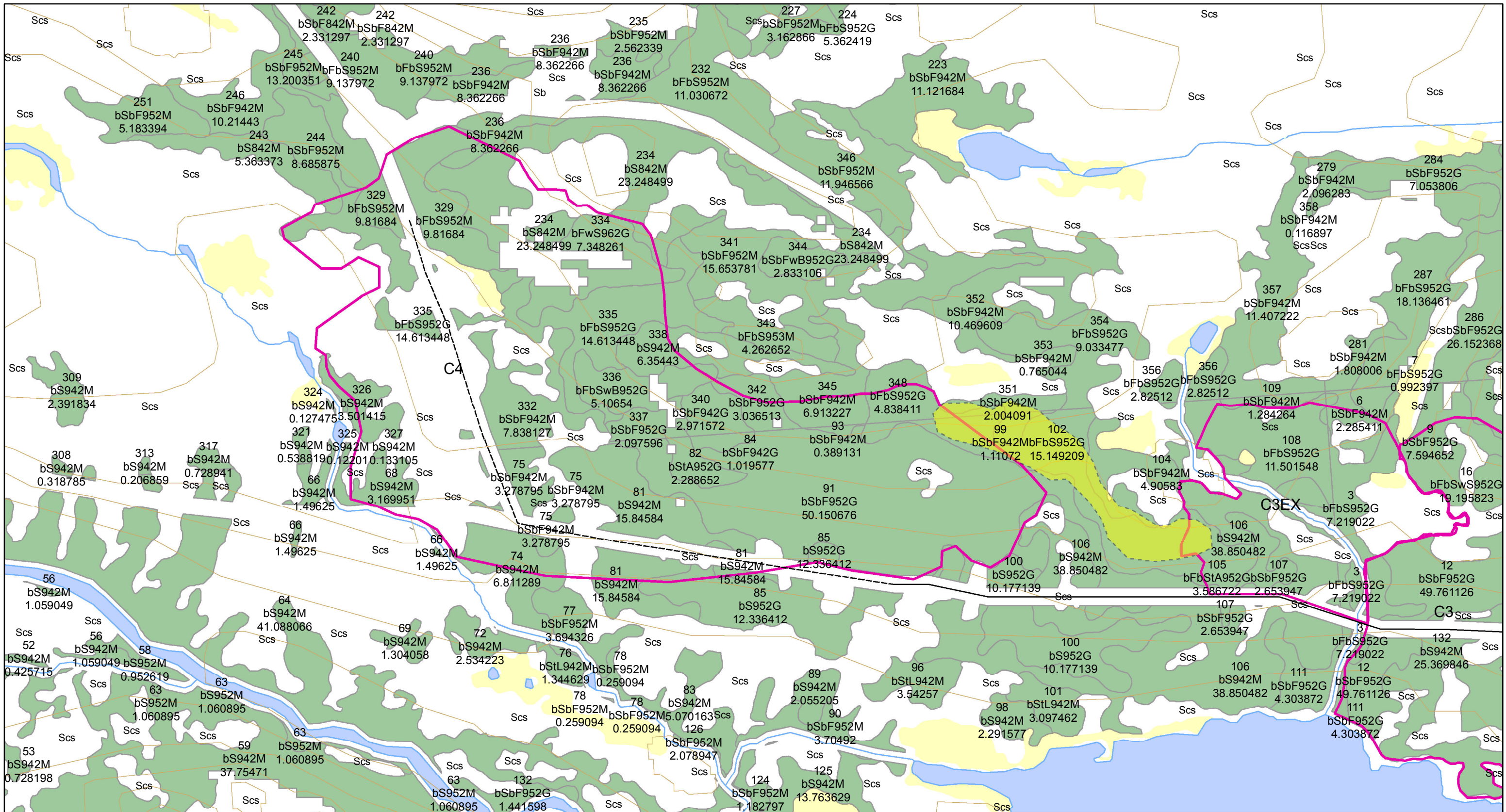
<b>Operating Area: Charlottetown</b>		<b>Operating Area Number: C3</b>	
<b>NFS Inventory Map #: 369-41, 369-42</b>		<b>NTS Map #: 13A9</b>	
<b>Description of Area:</b>	The C3 Commercial Cutting Block is located within the Mid-boreal forest ecoregion. This is a moderate sized (149 ha) mixed species block of spruce and fir. It is not visible from the Charlottetown Access Road, therefore should have little impact on the aesthetics of this area.		
<b>Harvesting Activity:</b>	The majority of this area has been previously commercially harvested, however the remaining volume is suitable to be harvested by commercial permit for sawlogs, energywood and fuelwood. There will be a combination of summer and winter harvesting and extraction. It is estimated that approximately 320 m <sup>3</sup> of softwood will be harvested out of this area between 2012 and 2016.		
<b>Silviculture Activity:</b>	Regeneration surveys will be conducted determine level of natural regeneration 3-5 years after harvesting. A possible silviculture prescription of planting and/or gap planting of black spruce seedlings may be applied.		
<b>Primary Forest Access Road Construction:</b>	Current road network in place		
<b>Non Timber Considerations And Mitigations:</b>	This area is not highly from the Charlottetown Access Road.		



## Operating Areas Description Sheet

<b>Operating Area: Charlottetown</b>		<b>Operating Area Number: C3EX</b>	
<b>NFS Inventory Map #: 369-42, 369-41</b>		<b>NTS Map #: 13A9</b>	
<b>Description of Area:</b>		The C3EX Commercial Cutting Block is located within the Mid-boreal forest ecoregion. This is a smaller sized (68 ha) block of spruce and fir located on a south facing slope. It is not visible from the Charlottetown Access Road, therefore should have little impact on the aesthetics of this area.	
<b>Harvesting Activity:</b>		The area has not had any previous harvesting and it will be harvested by commercial permit for sawlogs, energywood and fuelwood. There will be a combination of summer and winter harvesting and extraction. It is estimated that approximately 8,254 m <sup>3</sup> of softwood will be harvested out of this area between 2012 and 2016.	
<b>Silviculture Activity:</b>		Regeneration surveys will be conducted determine level of natural regeneration 3-5 years after harvesting. A possible silviculture prescription of planting and/or gap planting of black spruce seedlings may be applied.	
<b>Primary Forest Access Road Construction:</b>		Current road network in place	
<b>Non Timber Considerations And Mitigations:</b>		This area is not highly from the Charlottetown Access Road.	





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**Map 11**  
**Proposed Harvest Units**  
**C4**  
**Charlottetown Planning Area**

**Legend**

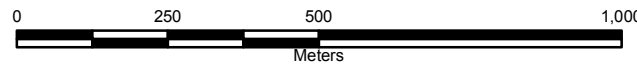
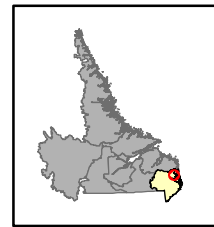
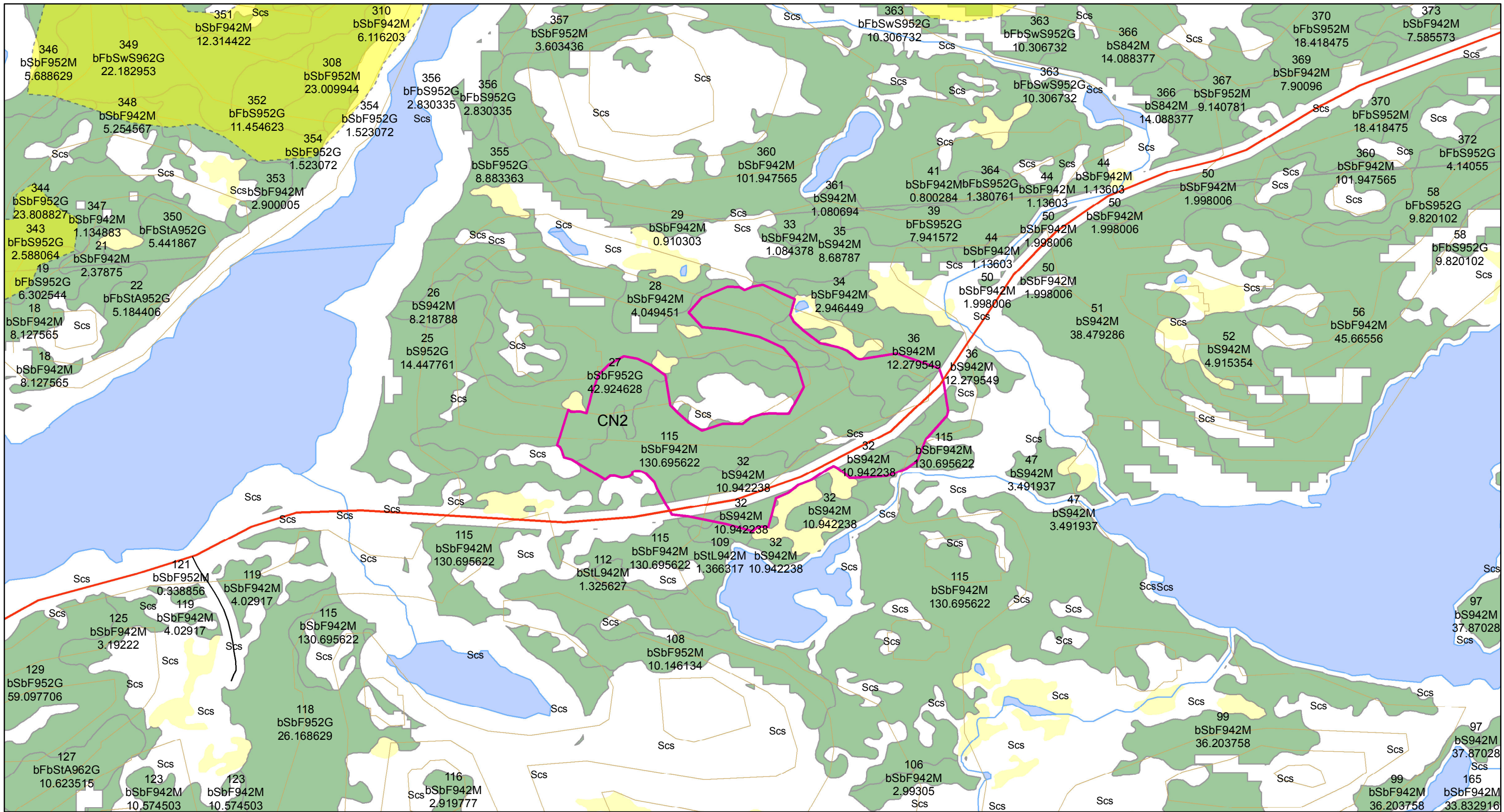
Proposed Roads	Proposed Commercial Harvest Areas
Access Roads	Operational Forest
Trans Labrador Highway	Bog
Contours	Lakes and Ponds
Steams and Brooks	Insect Damage



## Operating Areas Description Sheet

<b>Operating Area: Charlottetown</b>		<b>Operating Area Number: C4</b>	
<b>NFS Inventory Map #: 369-41, 345-11</b>		<b>NTS Map #: 13A9, 13A16</b>	
<b>Description of Area:</b>	The C4 Commercial Cutting Block is located within the Mid-boreal forest ecoregion. This is a smaller sized (94 ha) block of spruce and fir with some hardwoods. It is not visible from the Charlottetown Access Road, therefore should have little impact on the aesthetics of this area.		
<b>Harvesting Activity:</b>	The area has not had any previous harvesting and it will be harvested by commercial permit for sawlogs, energywood and fuelwood. There will be a combination of summer and winter harvesting and extraction. It is estimated that approximately 9,599 m <sup>3</sup> of softwood will be harvested out of this area between 2012 and 2016.		
<b>Silviculture Activity:</b>	Regeneration surveys will be conducted determine level of natural regeneration 3-5 years after harvesting. A possible silviculture prescription of planting and/or gap planting of black spruce seedlings may be applied.		
<b>Primary Forest Access Road Construction:</b>	2.4 km		
<b>Non Timber Considerations And Mitigations:</b>	This area is not highly from the Charlottetown Access Road.		





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**Map 12**  
**Proposed Harvest Units**  
**CN2**  
**Charlottetown Planning Area**

**Legend**

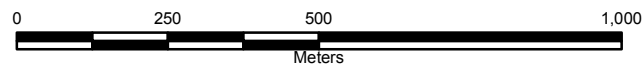
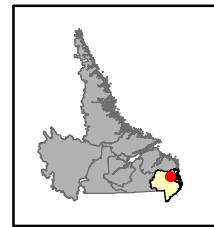
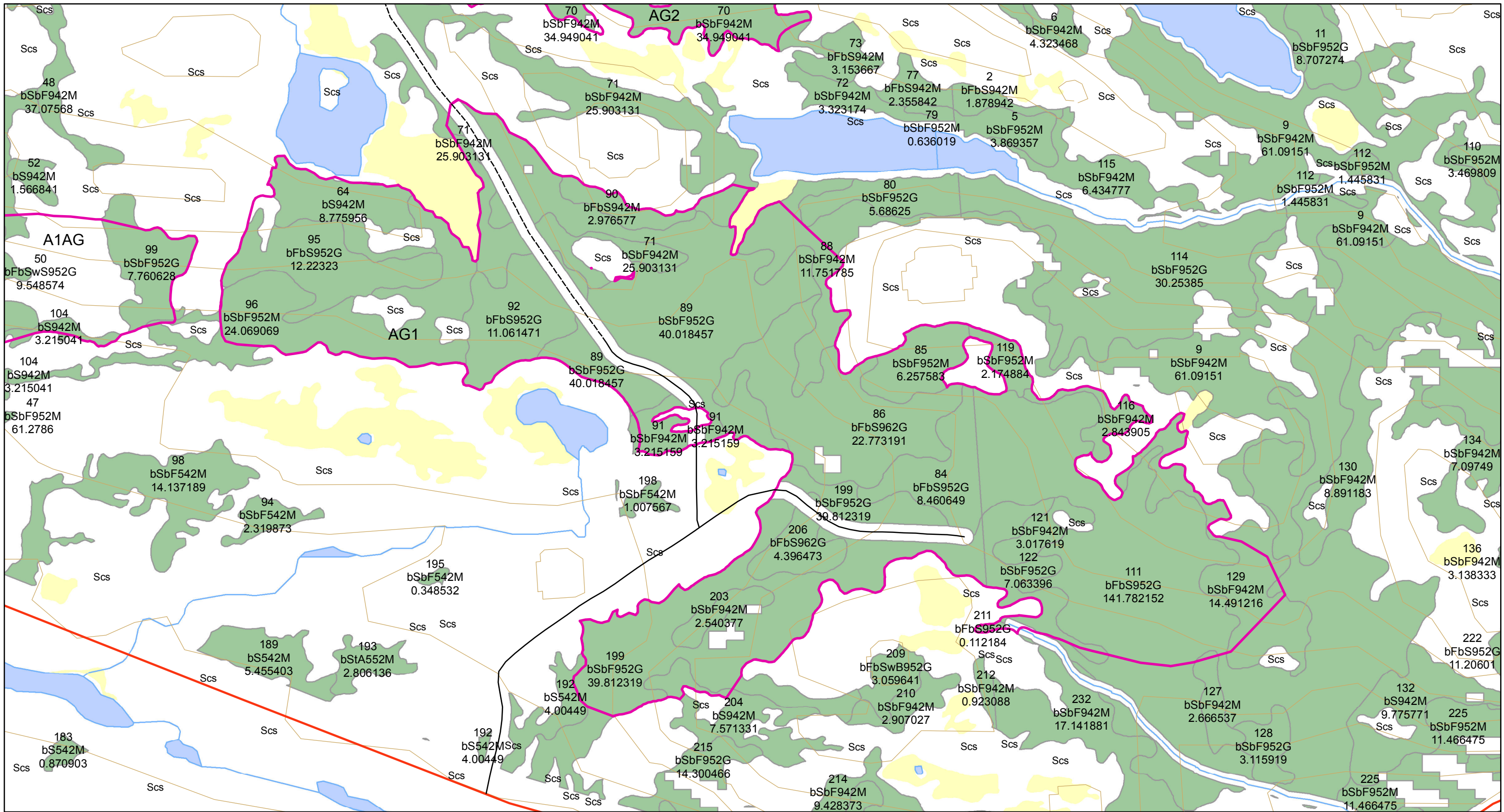
Proposed Roads	Proposed Commercial Harvest Areas
Access Roads	Operational Forest
Trans Labrador Highway	Bog
Contours	Lakes and Ponds
Steams and Brooks	Insect Damage



## Operating Areas Description Sheet

<b>Operating Area: Charlottetown</b> <b>NFS Inventory Map #: 369-43</b>		<b>Operating Area Number: CN2</b> <b>NTS Map #: 13A9</b>
<b>Description of Area:</b>	The CN2 Commercial Cutting Block is located within the Mid-boreal forest ecoregion. This is a smaller sized (31 ha) block of spruce and fir. It is visible from the Charlottetown Access Road, however should have little impact on the aesthetics of this area.	
<b>Harvesting Activity:</b>	The area has not had any previous harvesting and it will be harvested by commercial permit for sawlogs, energywood and fuelwood. There will be a combination of summer and winter harvesting and extraction. It is estimated that approximately 3,117 m <sup>3</sup> of softwood will be harvested out of this area between 2012 and 2016.	
<b>Silviculture Activity:</b>	Regeneration surveys will be conducted to determine level of natural regeneration 3-5 years after harvesting. A possible silviculture prescription of planting and/or gap planting of black spruce seedlings may be applied.	
<b>Primary Forest Access Road Construction:</b>	Access from Charlottetown Access road (TLH).	
<b>Non Timber Considerations And Mitigations:</b>	This area is visible from the Charlottetown Access Road. To try and help mitigate the negative visual effect of harvesting, the Department will implement guidelines as described in detail in the forest management plan.	





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**Map 13**  
**Proposed Harvest Units**  
**AG1**  
**Alexis to Gilberts Planning Area**

**Legend**

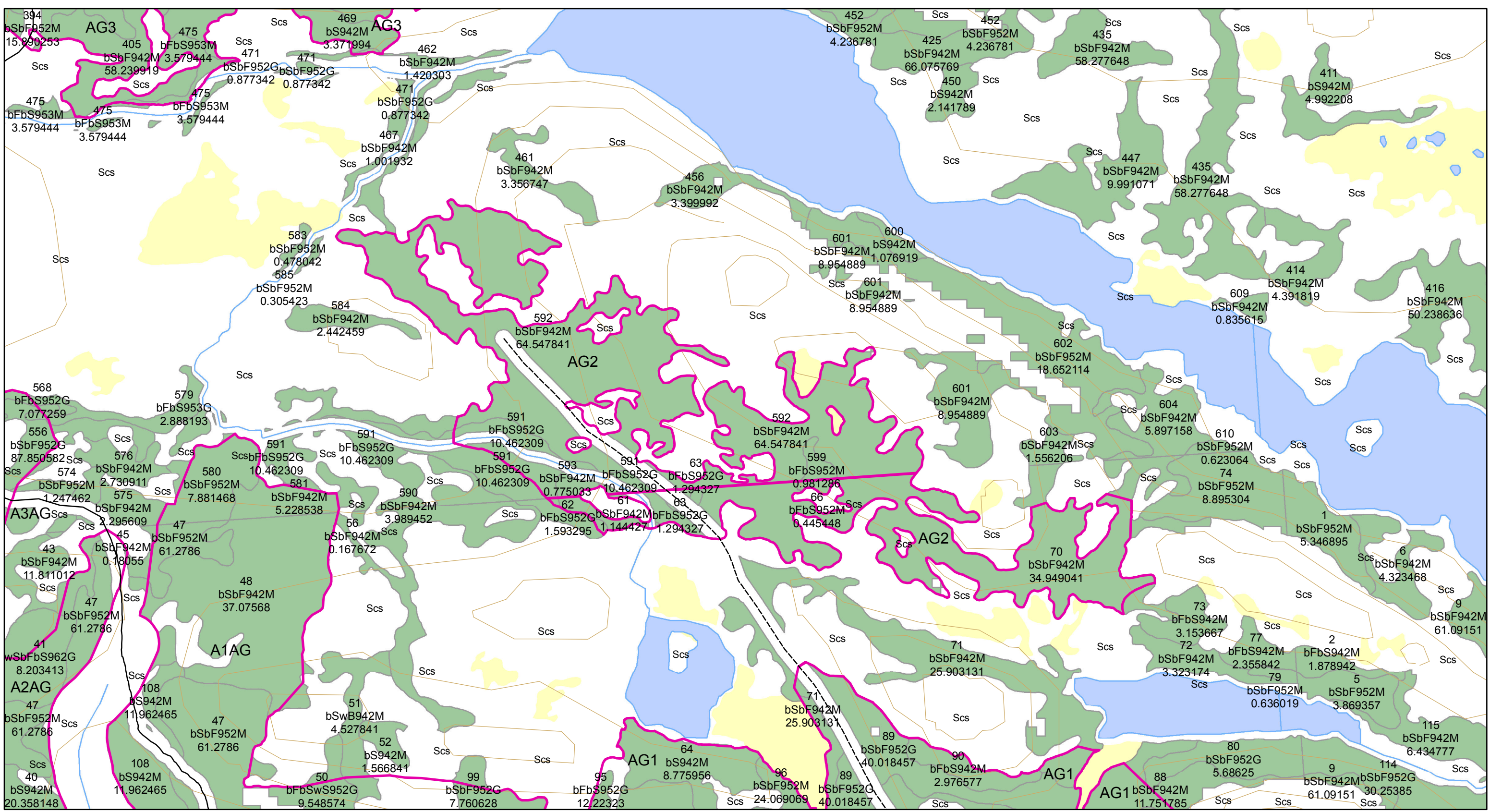
Proposed Roads	Proposed Commercial Harvest Areas
Access Roads	Operational Forest
Trans Labrador Highway	Bog
Contours	Lakes and Ponds
Steams and Brooks	



## Operating Areas Description Sheet

<b>Operating Area: Alexis to Gilberts</b>		<b>Operating Area Number: AG1</b>	
<b>NFS Inventory Map #: 369-31, 368-34</b>		<b>NTS Map #: 13A9, 13A10</b>	
<b>Description of Area:</b>	The AG1 commercial Cutting Block is located within the Mid-boreal forest ecoregion. This is a larger sized (247 ha) block of spruce and fir located on a south facing slope. It is visible from the Route 530, however should have little impact on the aesthetics of this area.		
<b>Harvesting Activity:</b>	The area has not had any previous harvesting and it will be harvested by commercial permit for sawlogs, energywood and fuelwood. There will be a combination of summer and winter harvesting and extraction. It is estimated that approximately 6,386 m <sup>3</sup> of softwood will be harvested out of this area between 2012 and 2016.		
<b>Silviculture Activity:</b>	Regeneration surveys will be conducted to determine level of natural regeneration 3-5 years after harvesting. A possible silviculture prescription of planting and/or gap planting of black spruce seedlings may be applied.		
<b>Primary Forest Access Road Construction:</b>	Current road network in place.		
<b>Non Timber Considerations And Mitigations:</b>	This area is visible from the Route 530. To try and help mitigate the negative visual effect of harvesting, the Department will implement guidelines as described in detail in the forest management plan.		





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**Map 14**  
**Proposed Harvest Units**  
**AG2**  
**Alexis to Gilberts Planning Area**

**Legend**

Proposed Roads	Proposed Commercial Harvest Areas
Access Roads	Operational Forest
Trans Labrador Highway	Bog
Contours	Lakes and Ponds
Steams and Brooks	

**Newfoundland  
Labrador**

DEPARTMENT OF NATURAL RESOURCES



## Operating Areas Description Sheet

<b>Operating Area: Alexis to Gilberts</b> <b>NFS Inventory Map #: 368-34, 368-44</b>		<b>Operating Area Number: AG2</b> <b>NTS Map #: 13A10</b>
<b>Description of Area:</b>	The AG2 commercial Cutting Block is located within the Mid-boreal forest ecoregion. This is a moderate sized (102 ha) block of spruce and fir. It is not visible from Route 530, therefore should have little impact on the aesthetics of this area.	
<b>Harvesting Activity:</b>	The area has not had any previous harvesting and it will be harvested by commercial permit for sawlogs, energywood and fuelwood. There will be a combination of summer and winter harvesting and extraction. It is estimated that approximately 9,103 m <sup>3</sup> of softwood will be harvested out of this area between 2012 and 2016.	
<b>Silviculture Activity:</b>	Regeneration surveys will be conducted to determine level of natural regeneration 3-5 years after harvesting. A possible silviculture prescription of planting and/or gap planting of black spruce seedlings may be applied.	
<b>Primary Forest Access Road Construction:</b>	2.5 km	
<b>Non Timber Considerations And Mitigations:</b>	This area is not visible from Route 530.	







## Operating Areas Description Sheet

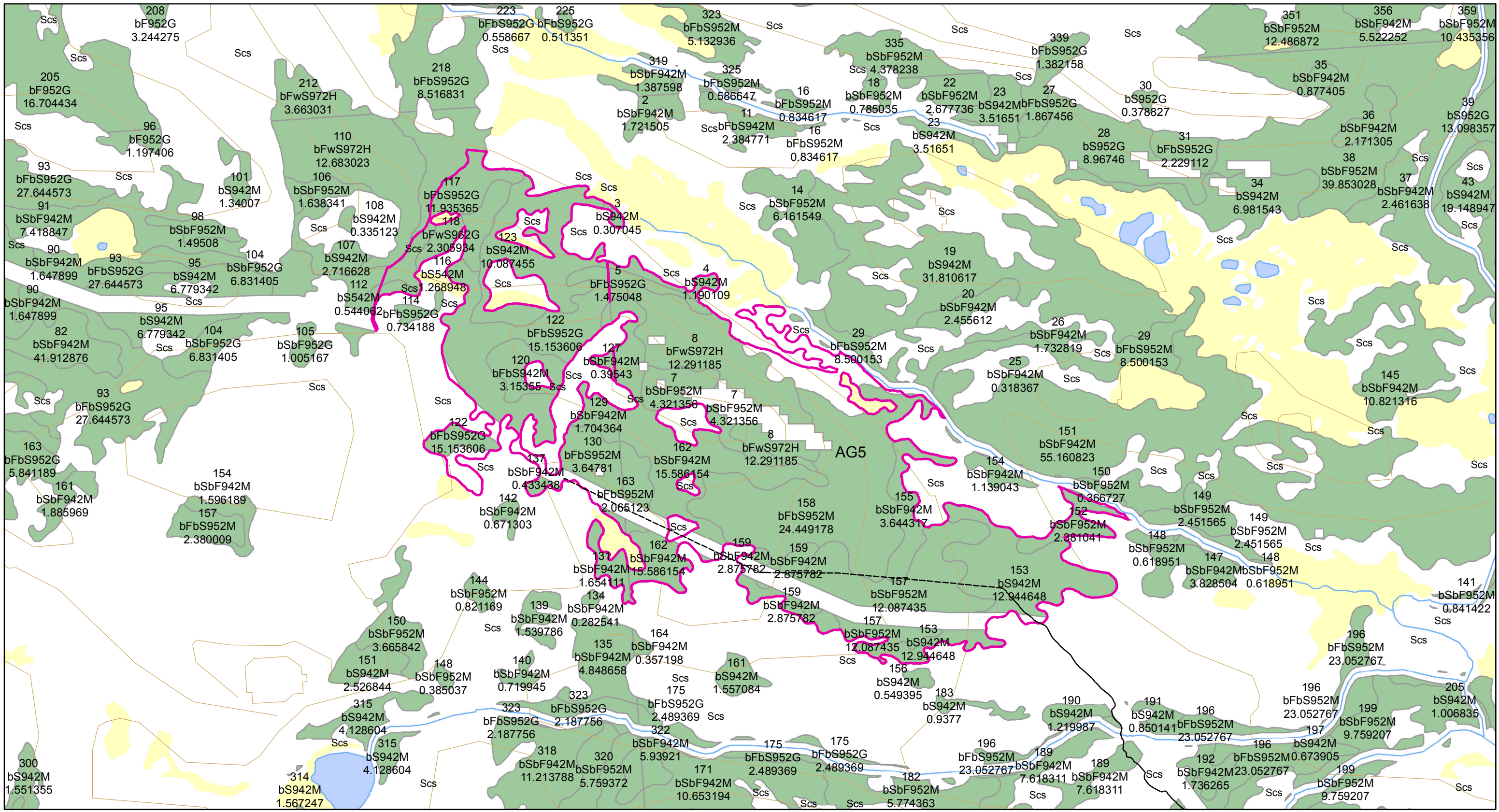
<b>Operating Area: Alexis to Gilberts</b>		<b>Operating Area Number: AG3</b>	
<b>NFS Inventory Map #: 368-44</b>		<b>NTS Map #: 13A10</b>	
<b>Description of Area:</b>	The AG3 commercial Cutting Block is located within the Mid-boreal forest ecoregion. This is a moderate sized (115 ha) block of spruce and fir with some hardwoods. It is not visible from Route 530, therefore should have little impact on the aesthetics of this area.		
<b>Harvesting Activity:</b>	The area has not had any previous harvesting and it will be harvested by commercial permit for sawlogs, energywood and fuelwood. There will be a combination of summer and winter harvesting and extraction. It is estimated that approximately 11,478 m <sup>3</sup> of softwood will be harvested out of this area between 2012 and 2016.		
<b>Silviculture Activity:</b>	Regeneration surveys will be conducted to determine level of natural regeneration 3-5 years after harvesting. A possible silviculture prescription of planting and/or gap planting of black spruce seedlings may be applied.		
<b>Primary Forest Access Road Construction:</b>	1.7 km		
<b>Non Timber Considerations And Mitigations:</b>	This area is not visible from Route 530.		

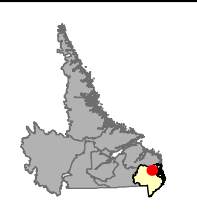


## Operating Areas Description Sheet



<b>Operating Area: Alexis to Gilberts</b> <b>NFS Inventory Map #: 368-44</b>		<b>Operating Area Number: AG4</b> <b>NTS Map #: 13A10</b>
<b>Description of Area:</b>	The AG4 commercial Cutting Block is located within the Mid-boreal forest ecoregion. This is a moderate sized (102 ha) block of spruce and fir with some hardwoods. It is not visible from Route 530, therefore should have little impact on the aesthetics of this area.	
<b>Harvesting Activity:</b>	The area has not had any previous harvesting and it will be harvested by commercial permit for sawlogs, energywood and fuelwood. There will be a combination of summer and winter harvesting and extraction. It is estimated that approximately 9,770 m <sup>3</sup> of softwood will be harvested out of this area between 2012 and 2016.	
<b>Silviculture Activity:</b>	Regeneration surveys will be conducted to determine level of natural regeneration 3-5 years after harvesting. A possible silviculture prescription of planting and/or gap planting of black spruce seedlings may be applied.	
<b>Primary Forest Access Road Construction:</b>	Current road network in place.	
<b>Non Timber Considerations And Mitigations:</b>	This area is not visible from Route 530.	







N




0 250 500 1,000  
Meters

1:12,500

**Map 16**  
**Proposed Harvest Units**  
**AG5**  
**Alexis to Gilberts Planning Area**

**Legend**

Proposed Roads	Proposed Commercial Harvest Areas
Access Roads	Operational Forest
Trans Labrador Highway	Bog
Contours	Lakes and Ponds
Steams and Brooks	



**Newfoundland  
Labrador**

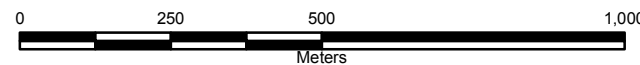
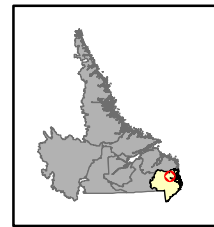
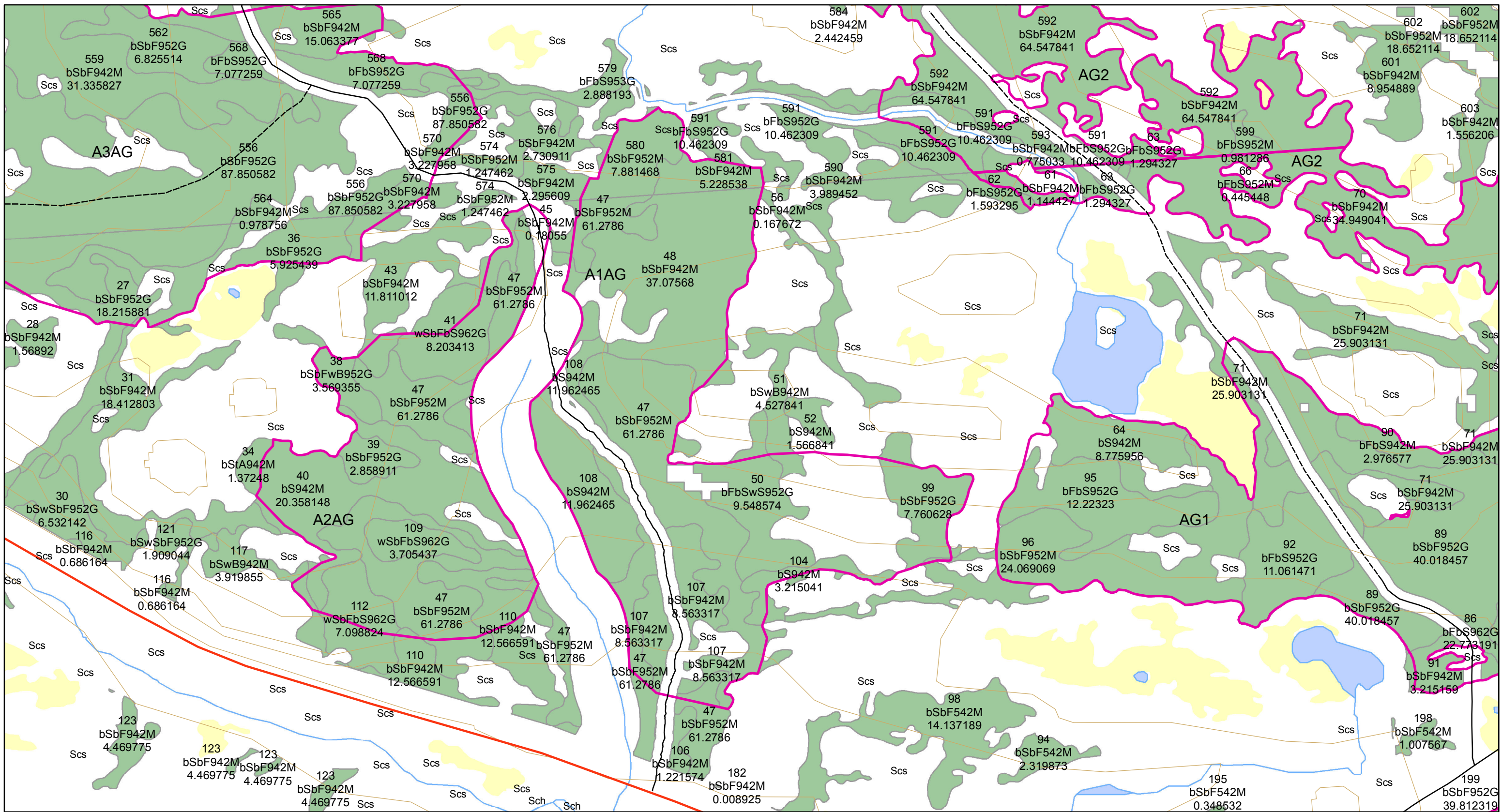
DEPARTMENT OF NATURAL RESOURCES



## Operating Areas Description Sheet

<b>Operating Area: Alexis to Gilberts</b> <b>NFS Inventory Map #: 368-44, 368-43</b>		<b>Operating Area Number: AG5</b> <b>NTS Map #: 13A10</b>	
<b>Description of Area:</b>		The AG5 commercial Cutting Block is located within the Mid-boreal forest ecoregion. This is a larger sized (292 ha) block of spruce and fir located on a south facing slope. It is not visible from Route 530, therefore should have little impact on the aesthetics of this area.	
<b>Harvesting Activity:</b>		The area has not had any previous harvesting and it will be harvested by commercial permit for sawlogs, energywood and fuelwood. There will be a combination of summer and winter harvesting and extraction. It is estimated that approximately 15,857 m <sup>3</sup> of softwood will be harvested out of this area between 2012 and 2016.	
<b>Silviculture Activity:</b>		Regeneration surveys will be conducted to determine level of natural regeneration 3-5 years after harvesting. A possible silviculture prescription of planting and/or gap planting of black spruce seedlings may be applied.	
<b>Primary Forest Access Road Construction:</b>		1.6 km	
<b>Non Timber Considerations And Mitigations:</b>		This area is not visible from Route 530.	





1:12,500

**Map 17**  
**Proposed Harvest Units**  
**A1AG & A2AG**  
**Alexis to Gilberts Planning Area**

**Legend**

Proposed Roads	Proposed Commercial Harvest Areas
Access Roads	Operational Forest
Trans Labrador Highway	Bog
Contours	Lakes and Ponds
Steams and Brooks	



## Operating Areas Description Sheet

<b>Operating Area: Alexis to Gilberts</b>		<b>Operating Area Number: A1AG</b>	
<b>NFS Inventory Map #: 368-34, 368-44</b>		<b>NTS Map #: 13A10</b>	
<b>Description of Area:</b>	The A1AG Commercial Cutting Block is located within the Mid-boreal forest ecoregion. This is a moderate sized (144 ha) mixed species block of spruce, fir and hardwoods. It is marginally visible from the Route 530, however should have little impact on the aesthetics of this area.		
<b>Harvesting Activity:</b>	The majority of this area has been previously commercially harvested, however the remaining volume is suitable to be harvested by commercial permit for sawlogs, energywood and fuelwood. There will be a combination of summer and winter harvesting and extraction. It is estimated that approximately 240 m <sup>3</sup> of softwood will be harvested out of this area between 2012 and 2016.		
<b>Silviculture Activity:</b>	Regeneration surveys will be conducted determine level of natural regeneration 3-5 years after harvesting. A possible silviculture prescription of planting and/or gap planting of black spruce seedlings may be applied.		
<b>Primary Forest Access Road Construction:</b>	Current road network in place		
<b>Non Timber Considerations And Mitigations:</b>	This area is visible from the Route 530. To try and help mitigate the negative visual effect of harvesting, the Department will implement guidelines as described in detail in the forest management plan.		



## Operating Areas Description Sheet

<b>Operating Area: Alexis to Gilberts</b> <b>NFS Inventory Map #: 368-34</b>		<b>Operating Area Number: A2AG</b> <b>NTS Map #: 13A10</b>
<b>Description of Area:</b>	The A2AG Commercial Cutting Block is located within the Mid-boreal forest ecoregion. This is a smaller sized (44 ha) mixed species block of spruce, fir and hardwoods. It is marginally visible from the Route 530, however should have little impact on the aesthetics of this area.	
<b>Harvesting Activity:</b>	The majority of this area has been previously commercially harvested, however the remaining volume is suitable to be harvested by commercial permit for sawlogs, energywood and fuelwood. There will be a combination of summer and winter harvesting and extraction. It is estimated that approximately 160 m <sup>3</sup> of softwood will be harvested out of this area between 2012 and 2016.	
<b>Silviculture Activity:</b>	Regeneration surveys will be conducted determine level of natural regeneration 3-5 years after harvesting. A possible silviculture prescription of planting and/or gap planting of black spruce seedlings may be applied.	
<b>Primary Forest Access Road Construction:</b>	Current road network in place	
<b>Non Timber Considerations And Mitigations:</b>	This area is visible from the Route 530. To try and help mitigate the negative visual effect of harvesting, the Department will implement guidelines as described in detail in the forest management plan.	