

# **APPENDIX 4**

**FMD 10**

**OPERATING AREA SHEETS**

**&**

**MAPS**

<b>Operating Area Name:</b> District 10 Ten year Cutover Assessment.	<b>Operating Area #</b> cS1001
<b>NFS Inventory Map #:</b>	<b>NTS Map #:</b> 2E/3, 2E/4, 2E/6, 12H/1, 12A/16, 2D/13,

**Description of Area:**

These parcels of crown land are located throughout forest management district (FMD) 10 and were harvested by Abitibi Bowater between 1998 to 2008. The terrain within the areas varies from gentle rolling hills to steep and rugged landscape. The areas are located in the North-Central subregion of the Central Newfoundland Forest Ecoregion.

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**Harvesting Activities:**

None

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**Silviculture Activities:**

Reconnaissance surveys will be carried out on existing and regenerating stands to determine the need for planting and/or thinning. Suitable cutovers that are not satisfactorily regenerated will be candidates for site preparation and planting and/or gap planting and suitable regenerating stands will be candidates for thinning. All potential silviculture areas are identified on the operating area maps as recent cuts and immature stands.

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**Primary Forest Access Road Construction:**

No construction of any new roads. Upgrading of existing roads will be completed if necessary.

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**Non Timber Considerations and Mitigations:**



Scheduled Salmon Rivers will be evaluated on a site-by-site basis and buffers will vary in width from 30 -100 meters. A 20 m buffer will be maintained on both sides of any other rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps. There will be no cutting within 100 meters of Newfoundland Trailway. There will be no cutting within 100 meters of a cabin development area and 20 meters of a registered legal cabin. No forestry activity is to occur within 800 meters of a bald eagle or osprey nest during the nesting season (Mar 15 to July 31) and 200 meters during the remainder of the year. Within protected water supplies, there will be no cutting within 150 meters of the intake pond or stream and no cutting within 75 meters of the main river channel. There will be no cutting within 50 meters of all ponds and streams flowing into the intake pond or stream.

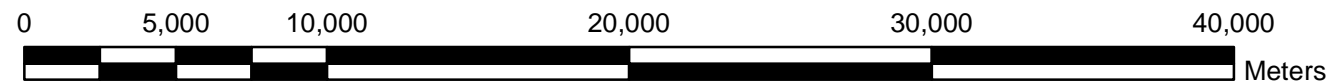
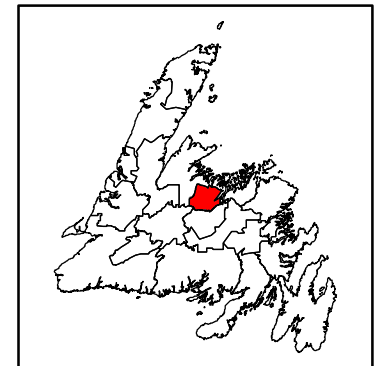
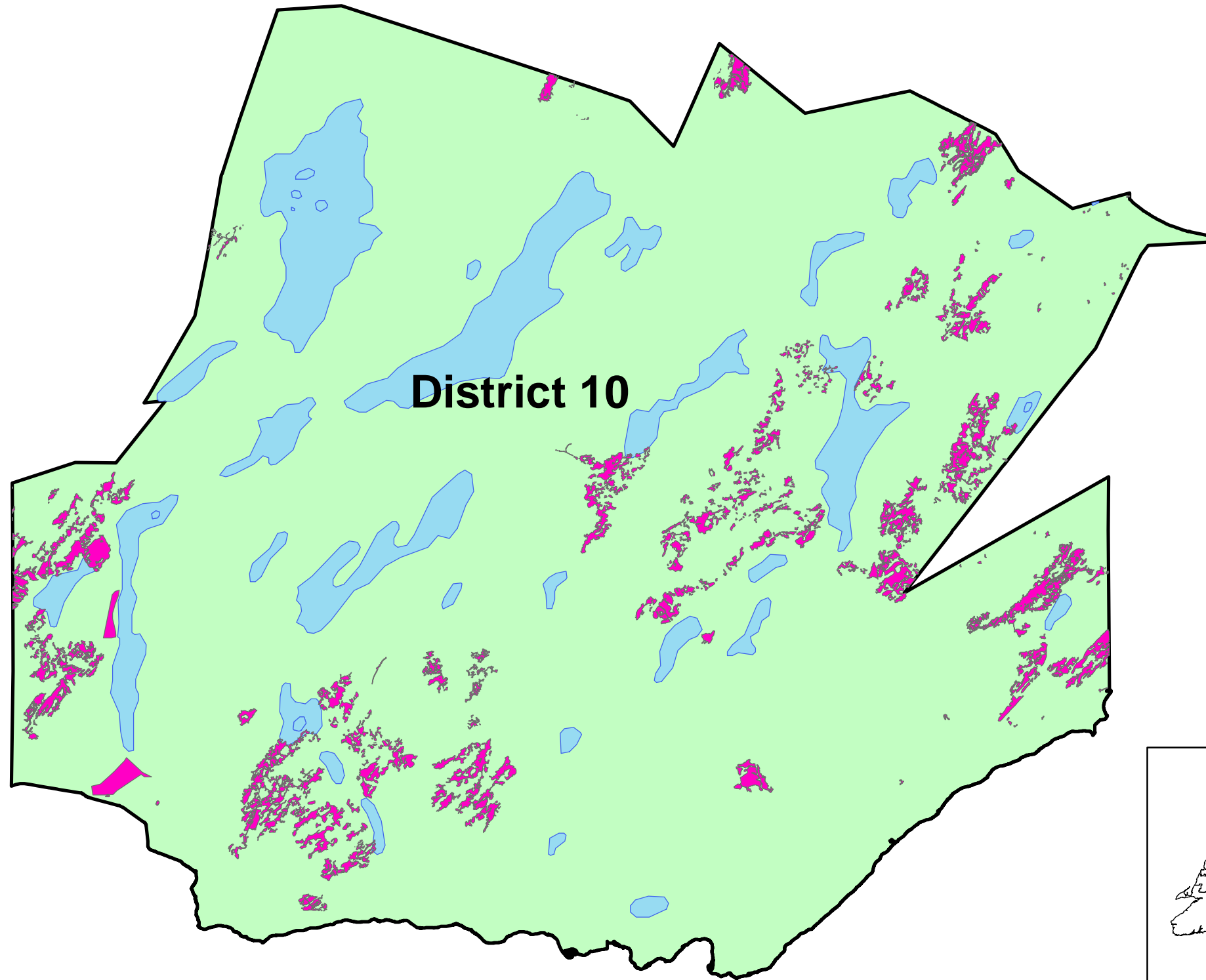
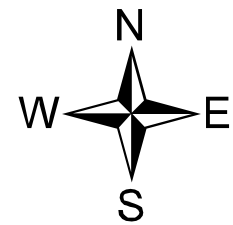
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Five Year Plan (2011 - 2015)  
Forest Management District 10  
Silviculture Areas  
cS1001

Overview Map

**Legend**

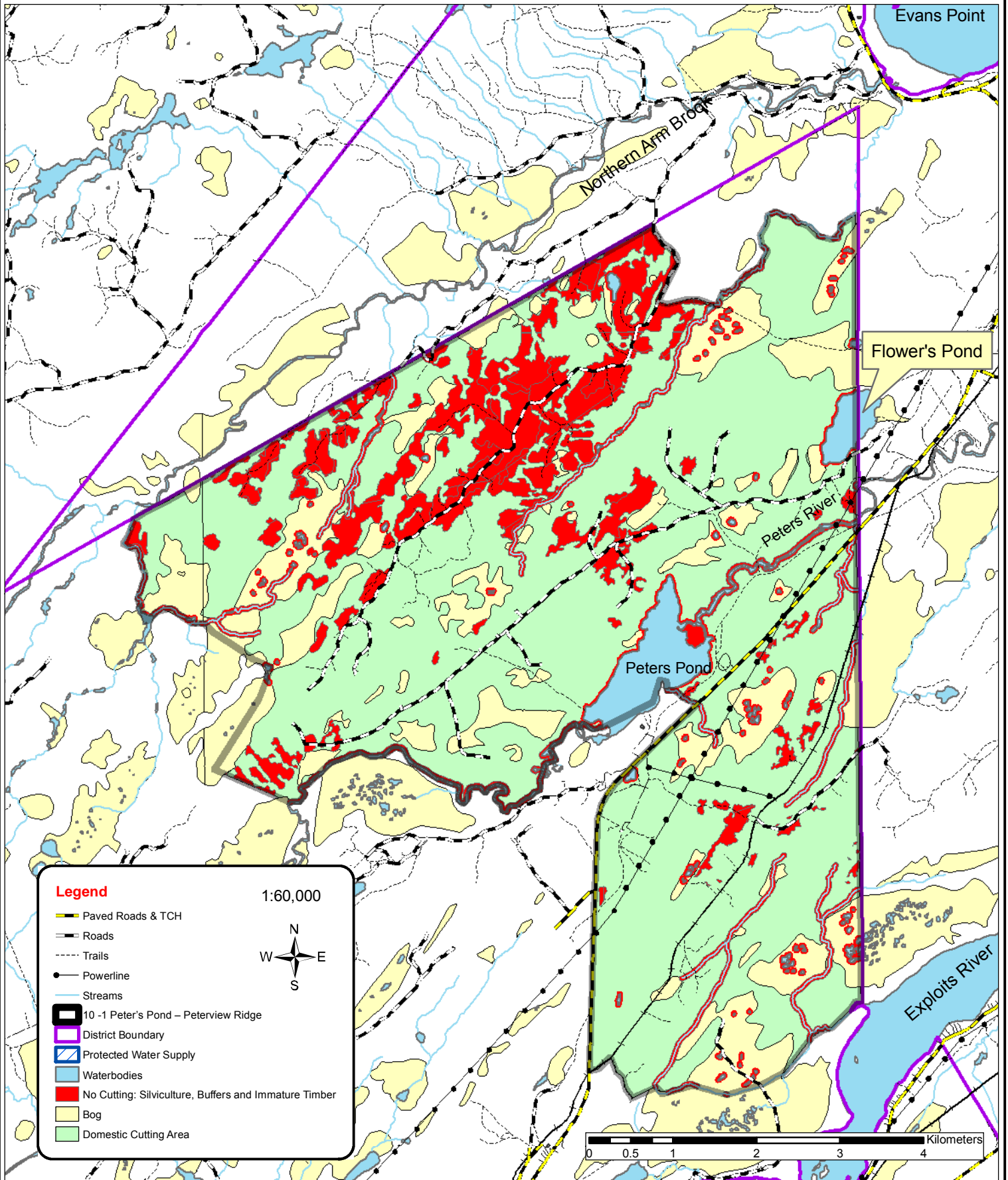
-  Crown Land
-  Silviculture Areas



1:250,000

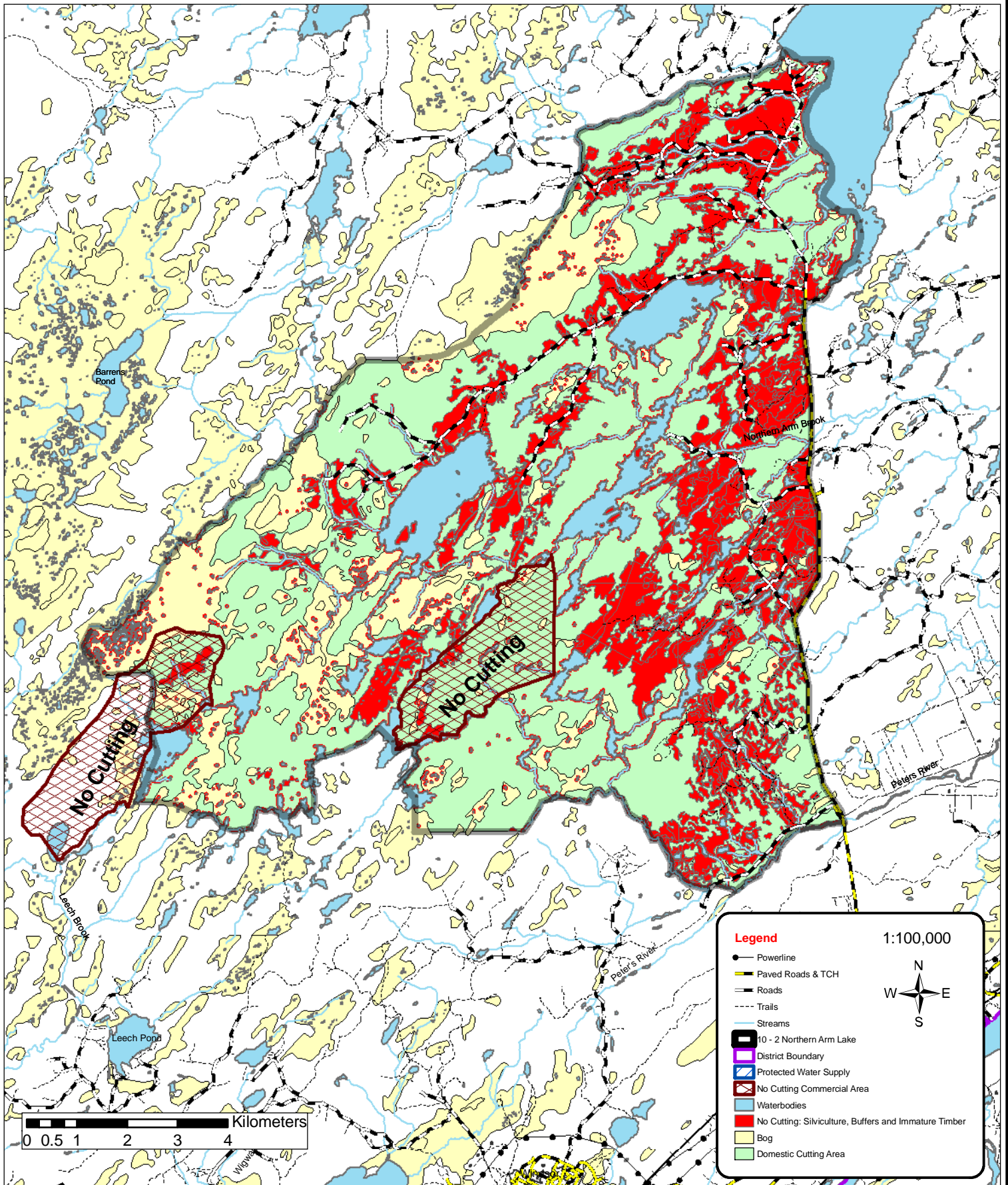


# 10 -1 Peter's Pond – Peterview Ridge





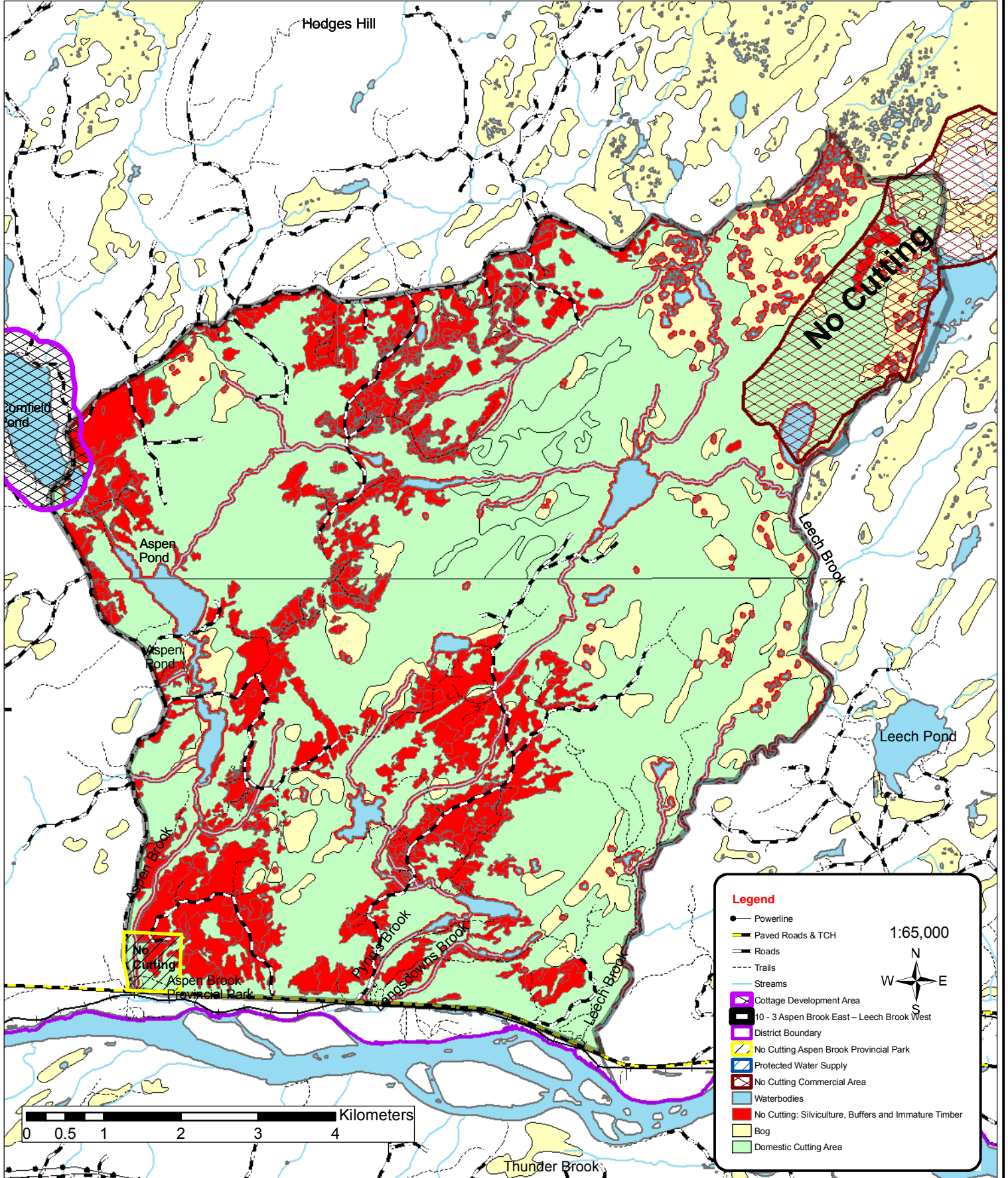
# 10 - 2 Northern Arm Lake





# 10 - 3 Aspen Brook East – Leech Brook West

Hedges Hill



Cornfield Pond

Aspen Pond

Aspen Pond

No Cutting

Aspen Brook Provincial Park

Dunn's Brook

Langdowns Brook

Leech Brook

No Cutting

Leech Brook

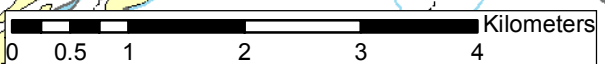
Leech Pond

Thunder Brook

### Legend

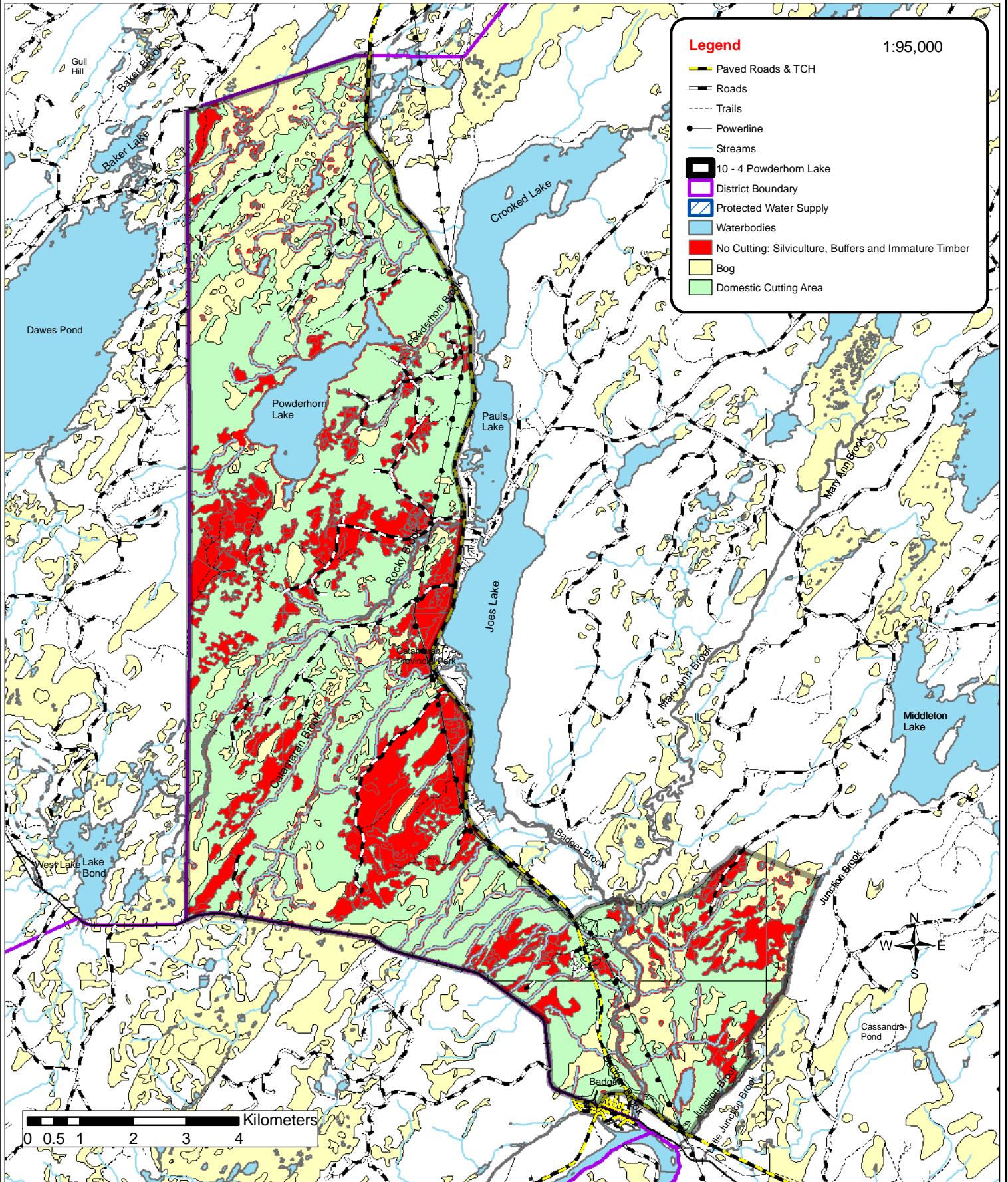
- Powerline
- Paved Roads & TCH
- Roads
- Trails
- Streams
- Cottage Development Area
- 10 - 3 Aspen Brook East – Leech Brook West
- District Boundary
- No Cutting Aspen Brook Provincial Park
- Protected Water Supply
- No Cutting Commercial Area
- Waterbodies
- Bog
- Domestic Cutting Area

1:65,000



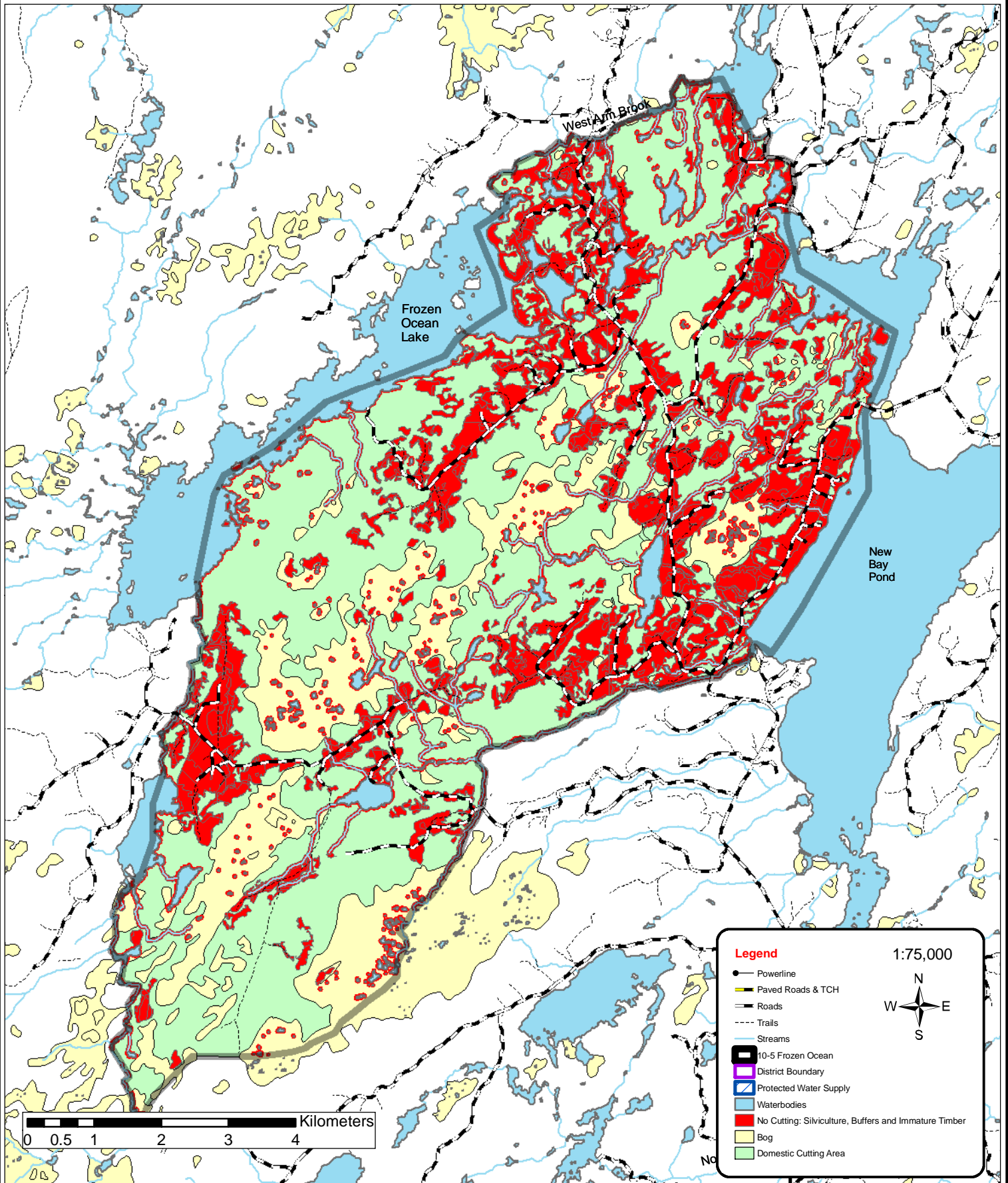


# 10 - 4 Powderhorn Lake





# 10 - 5 Frozen Ocean



**Legend** 1:75,000

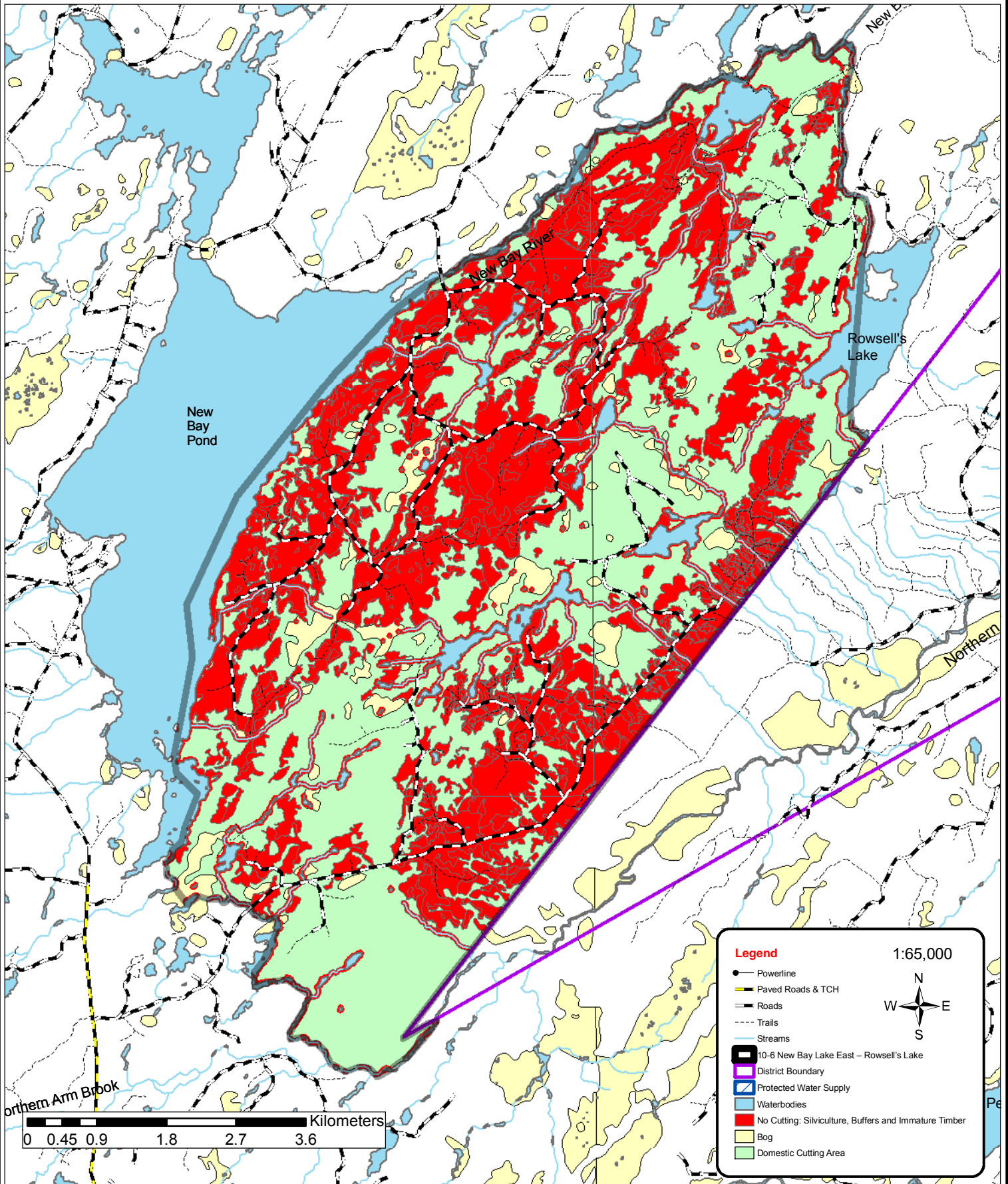
- Powerline
- Paved Roads & TCH
- Roads
- Trails
- Streams
- 10-5 Frozen Ocean
- District Boundary
- Protected Water Supply
- Waterbodies
- No Cutting: Silviculture, Buffers and Immature Timber
- Bog
- Domestic Cutting Area

W N E S



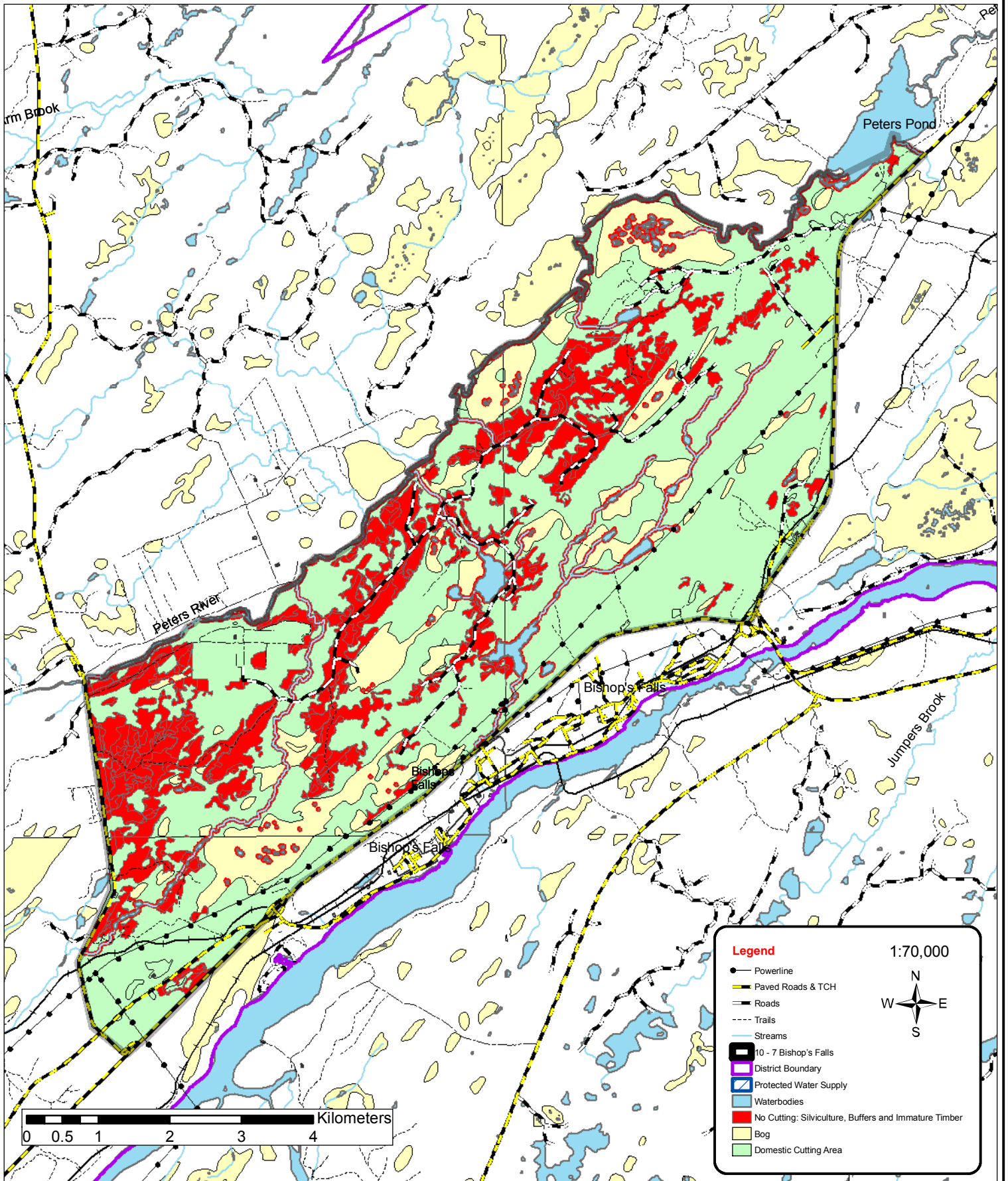


# 10 - 6 New Bay Lake East – Rowsell's Lake





# 10 - 7 Bishop's Falls



### Legend

- Powerline
- Paved Roads & TCH
- Roads
- Trails
- Streams
- 10 - 7 Bishop's Falls
- District Boundary
- Protected Water Supply
- Waterbodies
- Bog
- Domestic Cutting Area

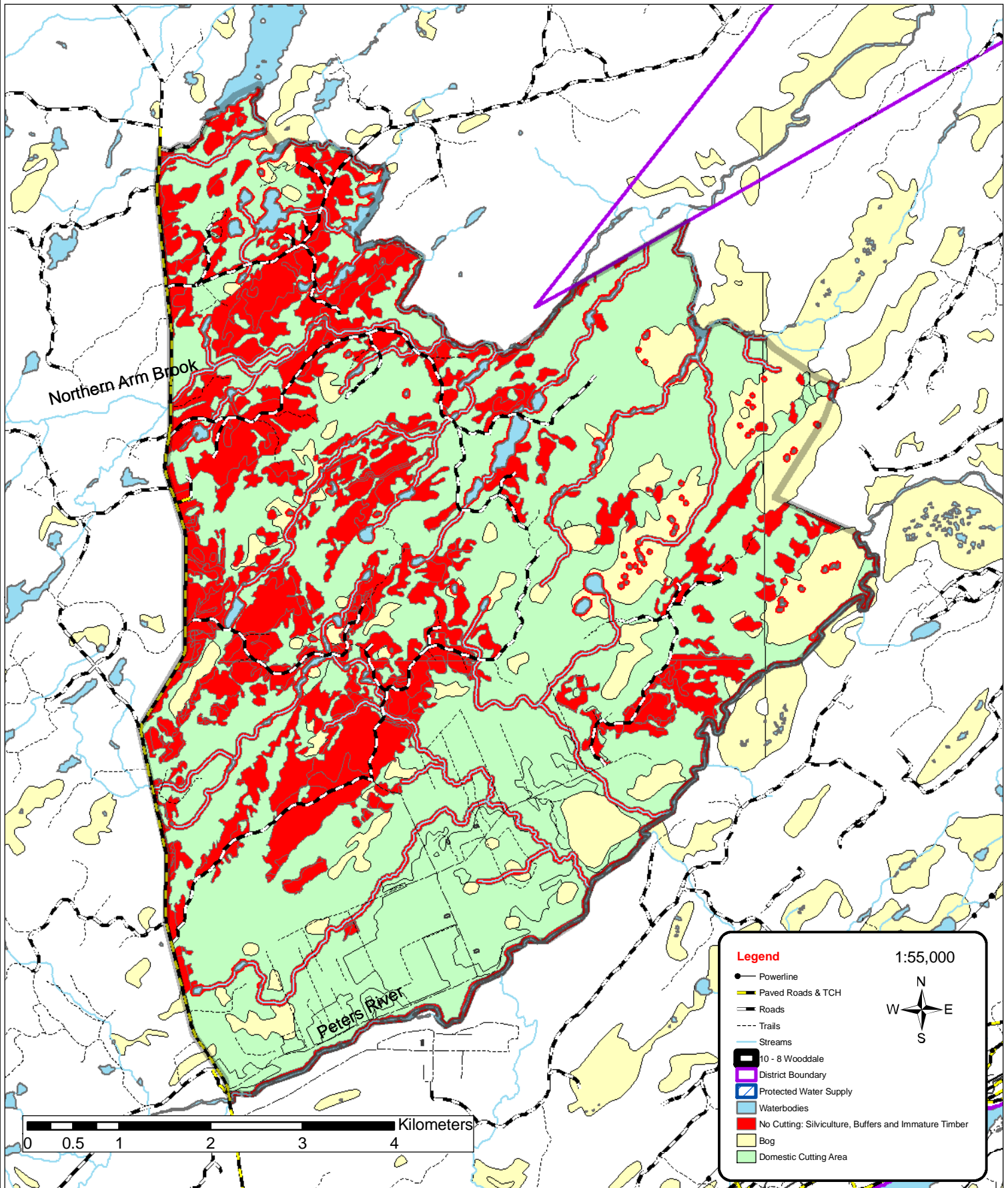
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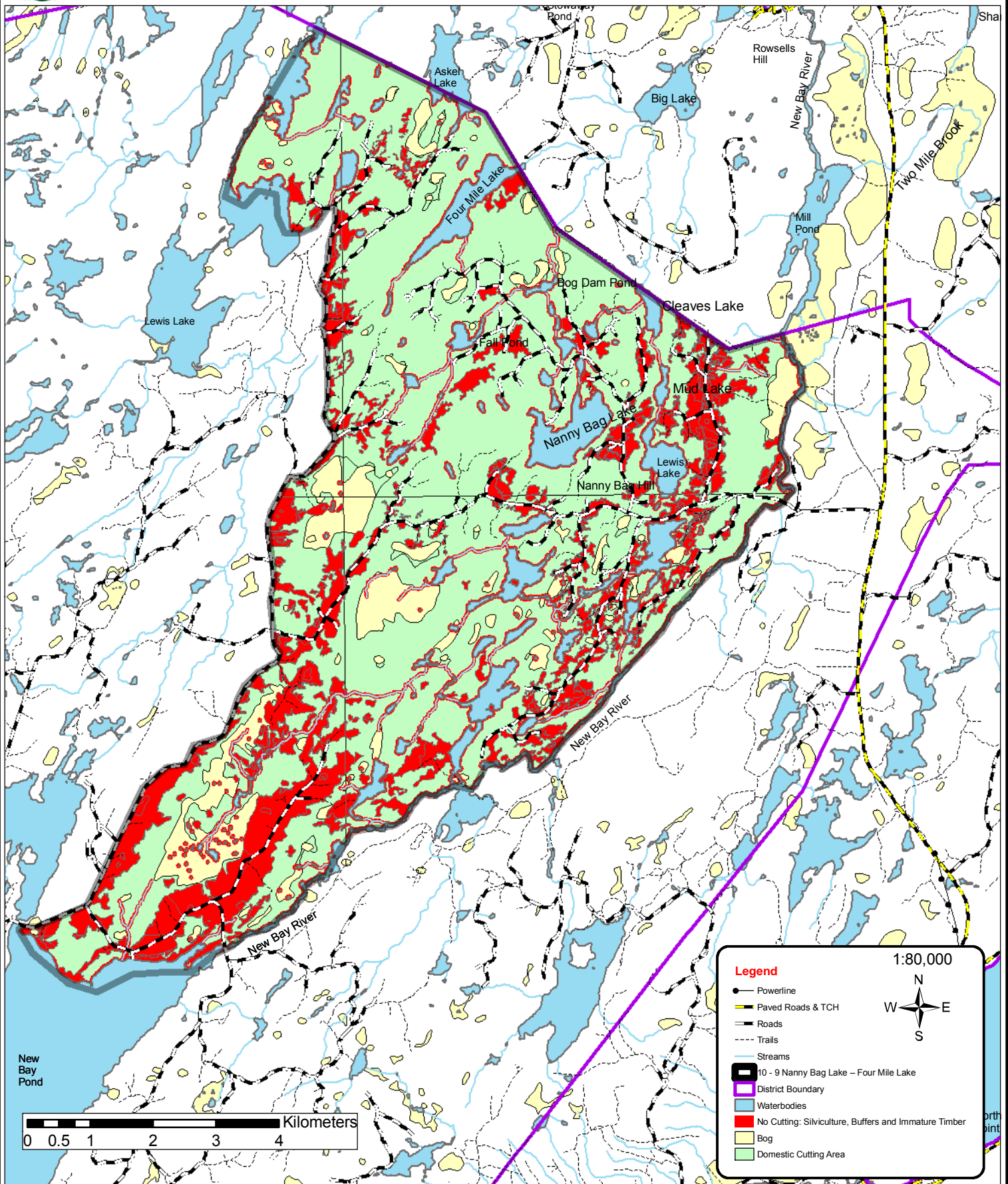


# 10 - 8 Wooddale



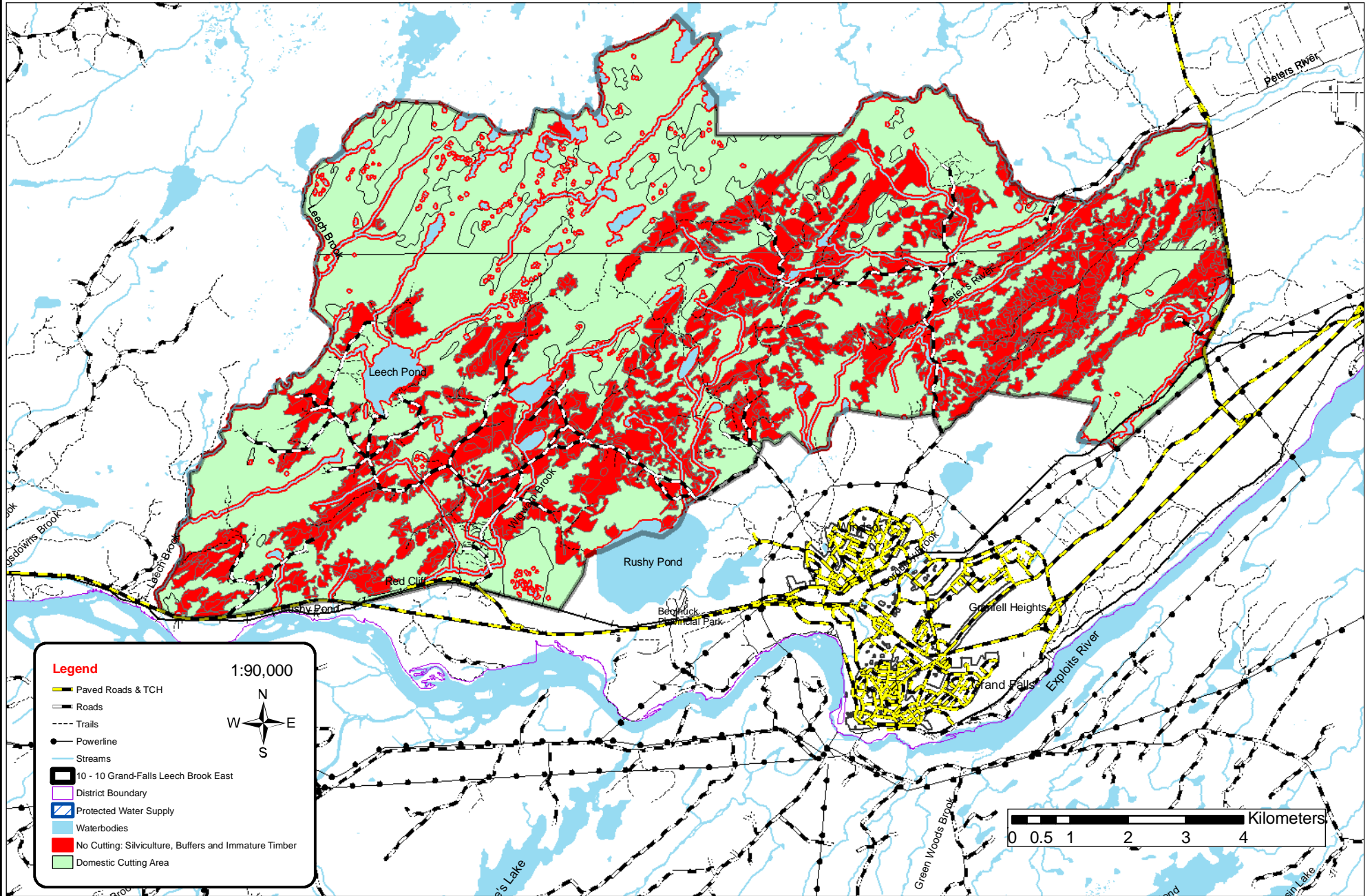


# 10 - 9 Nanny Bag Lake – Four Mile Lake



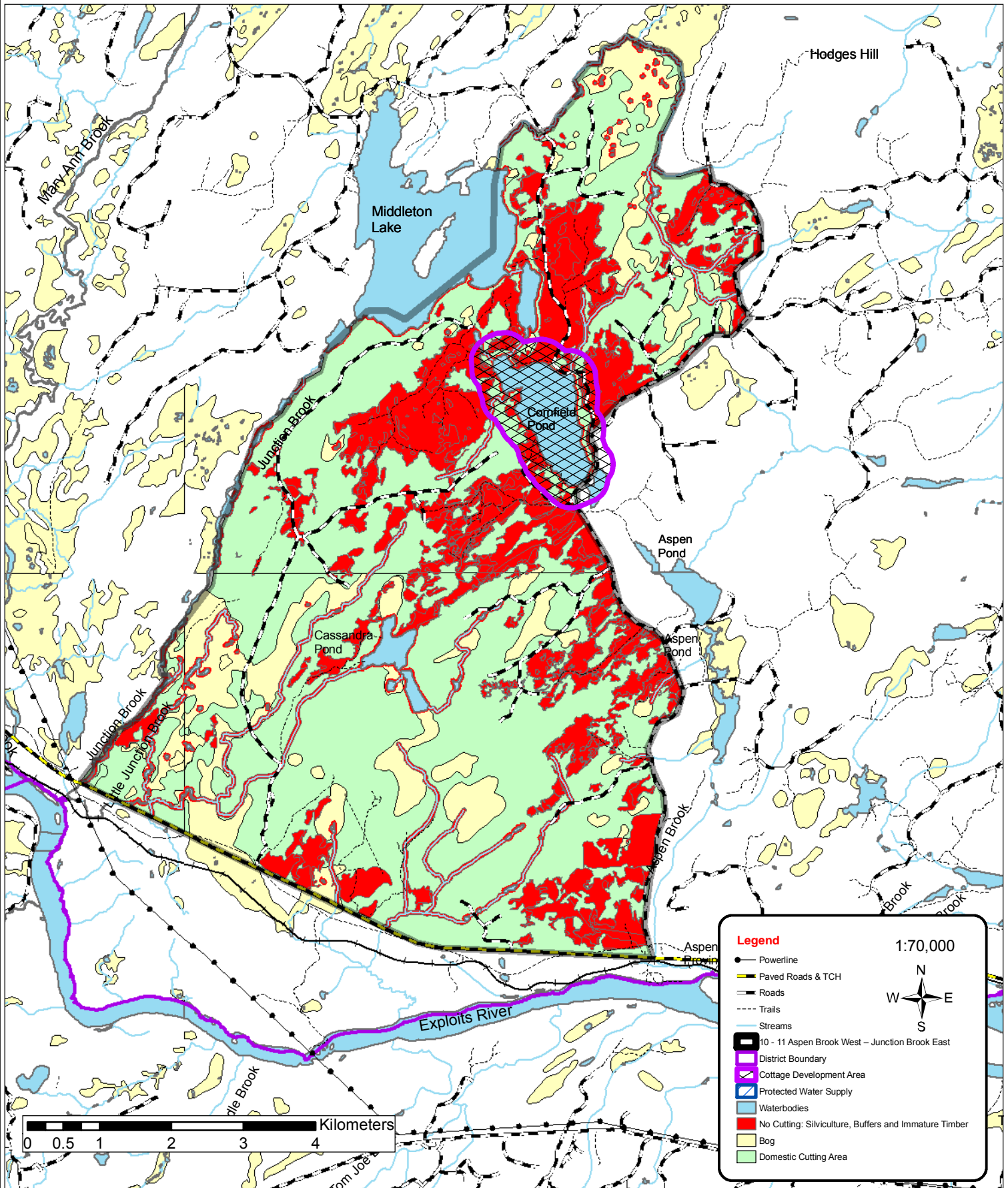


# 10 -10 Grand Falls-Windsor - Leech Brook East



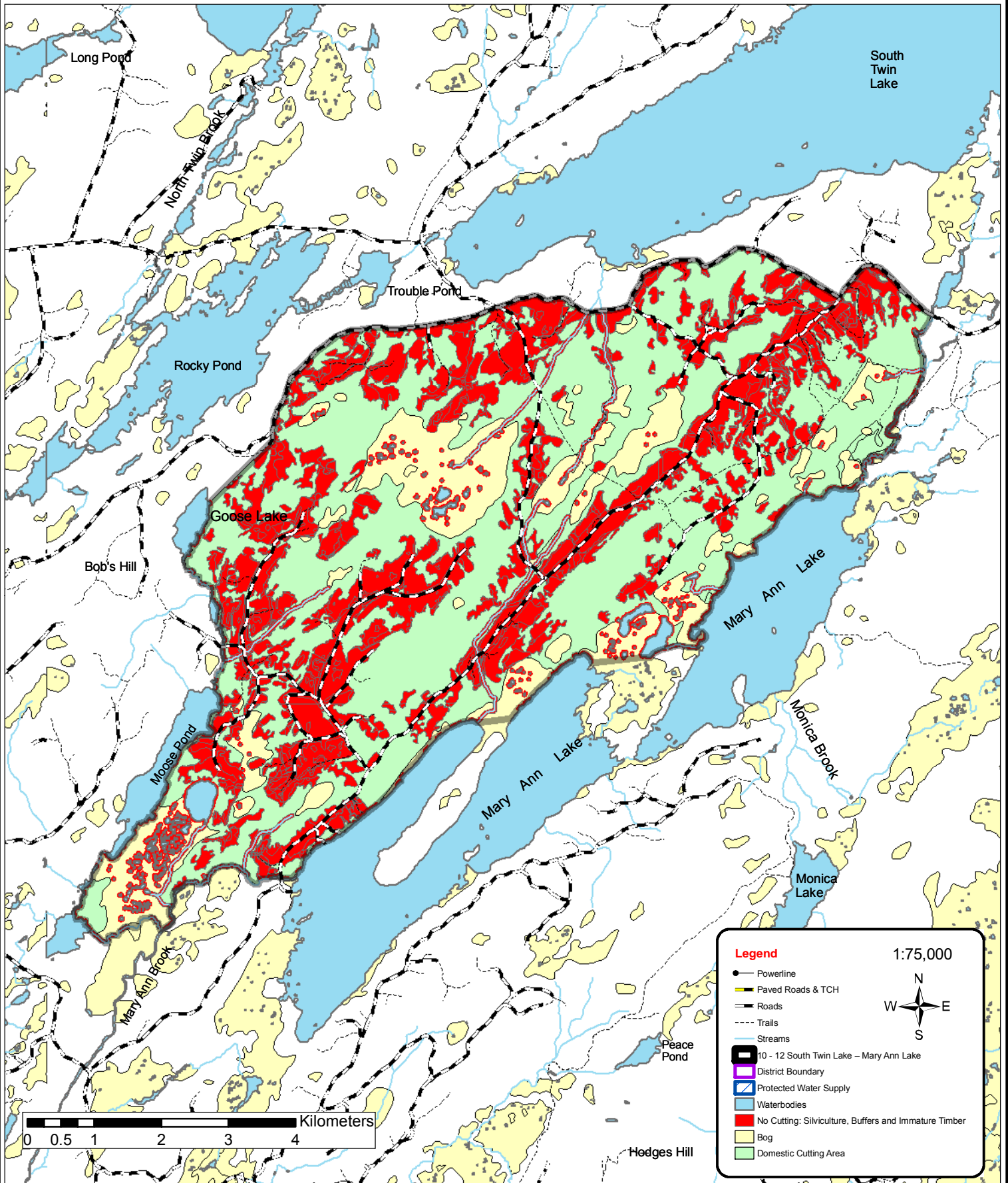


# 10 - 11 Aspen Brook West – Junction Brook East



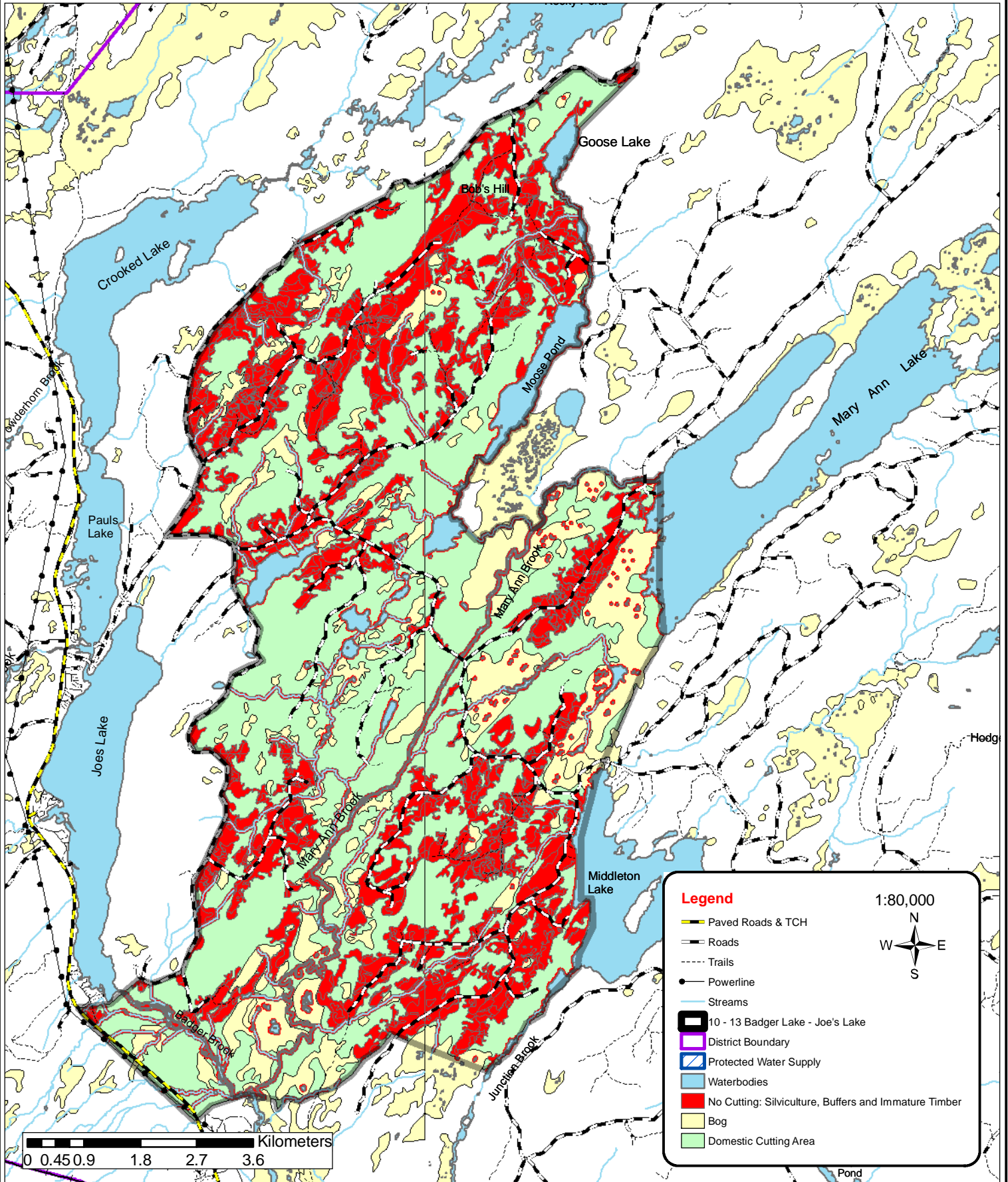


# 10 - 12 South Twin Lake – Mary Ann Lake





# 10 - 13 Badger Lake - Joe's Lake





<b>Operating Area Name:</b> Hardwood and Softwood Domestic Cutting Areas District 10	<b>Operating Area #:</b> cD1001
<b>Domestic cutting area &amp; map #:</b> 10-2, 10-4, 10-7, 10-8, 10-10	<b>NTS Map #:</b> 2D/13, 2E/4, 12H/1

**Description of Area:**

These listed parcels of crown land are located throughout forest management district (FMD) 10. The areas are located in close proximity to the communities throughout the Zone in order to accommodate the fuelwood/sawlog requirements of the general public. The terrain within the areas that still have mature timber are generally rugged and hilly. These areas are located in the North-Central subregion of the Central Newfoundland Forest Ecoregion.

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**Harvesting Activities:**

Commercial harvesting operations have occurred in these areas in recent years and have removed the majority of the commercially viable timber. The remaining timber is primarily located in areas that are difficult to access, the terrain is rugged and/or consist of non-commercial species. Harvesting of hardwoods and softwoods will be permitted in these areas for domestic use. Domestic harvesting will normally utilize chainsaws with extraction by snowmobiles or ATV's.

- Proposed 5 year commercial softwood harvest: 0 m<sup>3</sup>
- Proposed 5 year commercial hardwood harvest: 0 m<sup>3</sup>
- Proposed 5 year domestic softwood harvest: 30,000 m<sup>3</sup>
- Proposed 5 year domestic hardwood harvest: 2,500 m<sup>3</sup>

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**Silviculture Activities:**

Reconnaissance surveys will be carried out on existing and new cutovers and regenerating stands to determine the need for planting and/or thinning. Suitable cutovers that are not satisfactorily regenerated will be candidates for site preparation and planting and/or gap planting and suitable regenerating stands will be candidates for thinning. All potential silviculture areas are identified on the operating area maps as proposed harvest areas, recent cuts and immature stands.

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**Primary Forest Access Road Construction:**

None

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**Non Timber Considerations and Mitigations:**

Scheduled Salmon Rivers will be evaluated on a site-by-site basis and buffers will vary in width from 30 -100 meters. A 20 m buffer will be maintained on both sides of any other

rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps. There will be no cutting within 100 meters of Newfoundland Trailway.

There will be no cutting within 100 meters of a cabin development area and 20 meters of a registered legal cabin. No forestry activity is to occur within 800 meters of a bald eagle or osprey nest during the nesting season (Mar 15 to July 31) and 200 meters during the remainder of the year. Within protected water supplies, there will be no cutting within 150 meters of the intake pond or stream and no cutting within 75 meters of the main river channel. There will be no cutting within 50 meters of all ponds and streams flowing into the intake pond or stream.

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<b>Operating Area Name:</b> Hardwood Domestic Cutting Areas District 10	<b>Operating Area #:</b> cD1002
<b>Domestic cutting area &amp; map #:</b> 10-1, 10-3, 10-5, 10-6, 10-9, 10-11,10-12, 10-13	<b>NTS Map #:</b> 2E/3, 2E/4, 2E/6, 12H/1, 12A/16, 2D/13,

**Description of Area:**

These listed parcels of crown land are located throughout forest management district (FMD) 10. The areas are generally isolated and established throughout the Zone in order to accommodate the fuelwood requirements of remote cabin owners and cabins within cottage development areas. The terrain is generally rolling and located within the North-Central subregion of the Central Newfoundland Forest Ecoregion.

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**Harvesting Activities:**

Many of these areas still contain a significant amount of commercially viable timber. Domestic harvesting will only be permitted for hardwoods and non-commercial species including larch and dead/blowdown timber. Domestic harvesting will normally utilize chainsaws with extraction by snowmobiles or ATV's.

Proposed 5 year commercial softwood harvest: 0 m<sup>3</sup>  
Proposed 5 year commercial hardwood harvest: 0 m<sup>3</sup>  
Proposed 5 year domestic softwood harvest : 0 m<sup>3</sup>  
Proposed 5 year domestic hardwood harvest: 7,500 m<sup>3</sup>

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**Silviculture Activities:**

Reconnaissance surveys will be carried out on existing and new cutovers and regenerating stands to determine the need for planting and/or thinning. Suitable cutovers that are not satisfactorily regenerated will be candidates for site preparation and planting and/or gap planting and suitable regenerating stands will be candidates for thinning. All potential silviculture areas are identified on the operating area maps as proposed harvest areas, recent cuts and immature stands.

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**Primary Forest Access Road Construction:**

None

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**Non Timber Considerations and Mitigations:**

Scheduled Salmon Rivers will be evaluated on a site-by-site basis and buffers will vary in width from 30 -100 meters. A 20 m buffer will be maintained on both sides of any other rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps. There will be no cutting within 100 meters of Newfoundland Trailway.














There will be no cutting within 100 meters of a cabin development area and 20 meters of a registered legal cabin. No forestry activity is to occur within 800 meters of a bald eagle or osprey nest during the nesting season (Mar 15 to July 31) and 200 meters during the remainder of the year. Within protected water supplies, there will be no cutting within 150 meters of the intake pond or stream and no cutting within 75 meters of the main river channel. There will be no cutting within 50 meters of all ponds and streams flowing into the intake pond or stream.

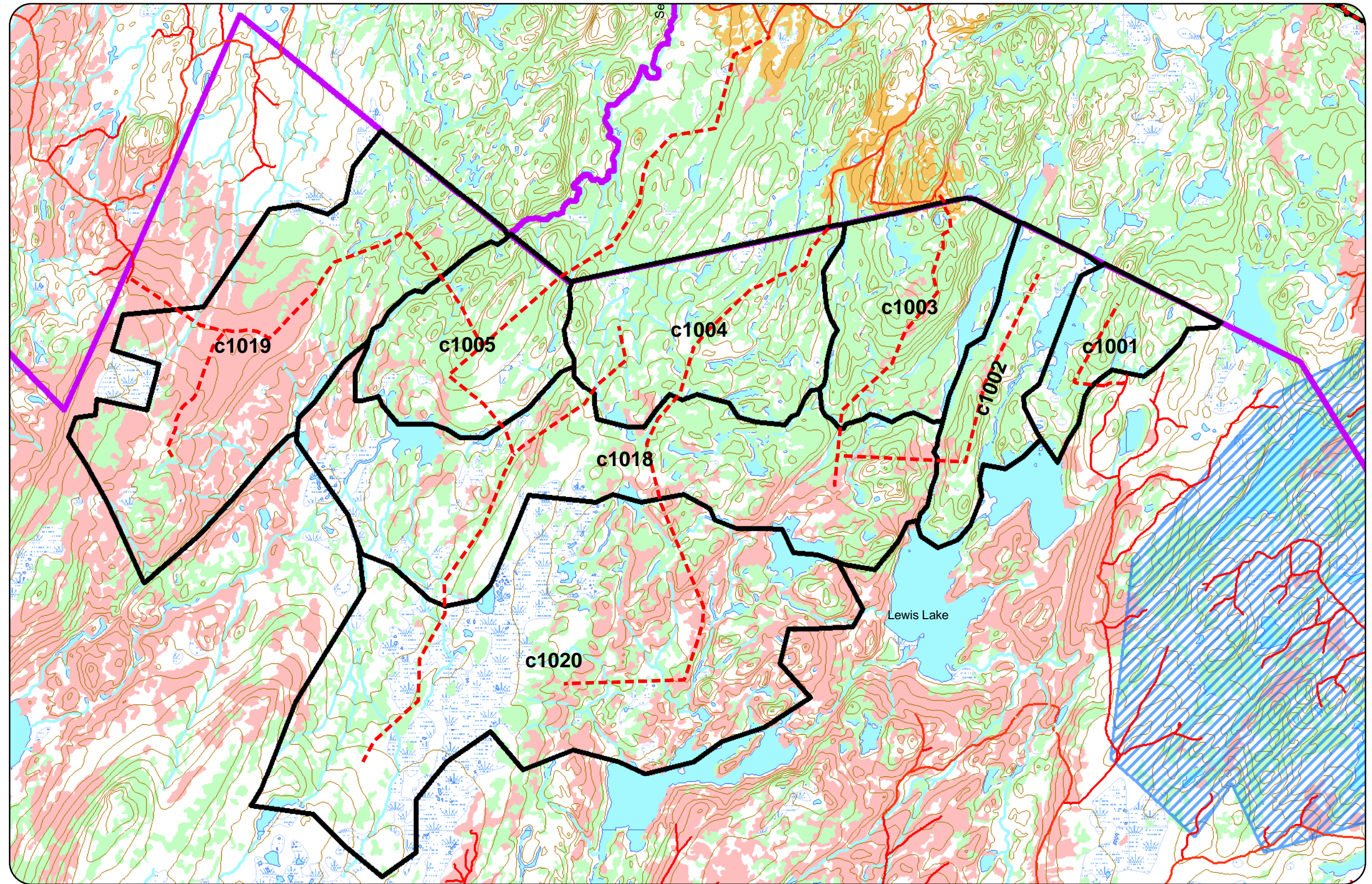
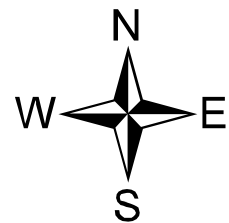
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Five Year Plan (2011 - 2015)  
Forest Management District 10

- Askel Lake West - C1001
- Trout Lake West - C1002
- Long Pond West 1 - C1003
- Long Pond West 2 - C1004
- Seal Bay River East - C1005
- Seal Bay River West - C1019
- Lewis Lake - C1020

**Legend**

-  Roads
-  Proposed Roads
-  contours
-  streams
-  Wetlands
-  Waterbodies
-  District Boundary
-  Proposed Harvest Area
-  Recent Cuts
-  Mature
-  Immature
-  Municipal Boundary
-  Protected Water Supplies

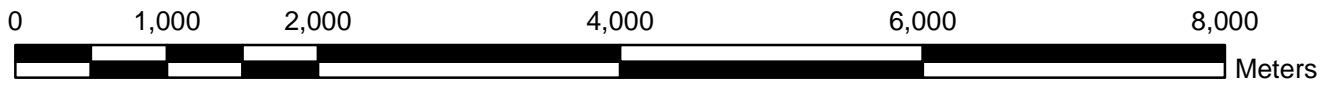
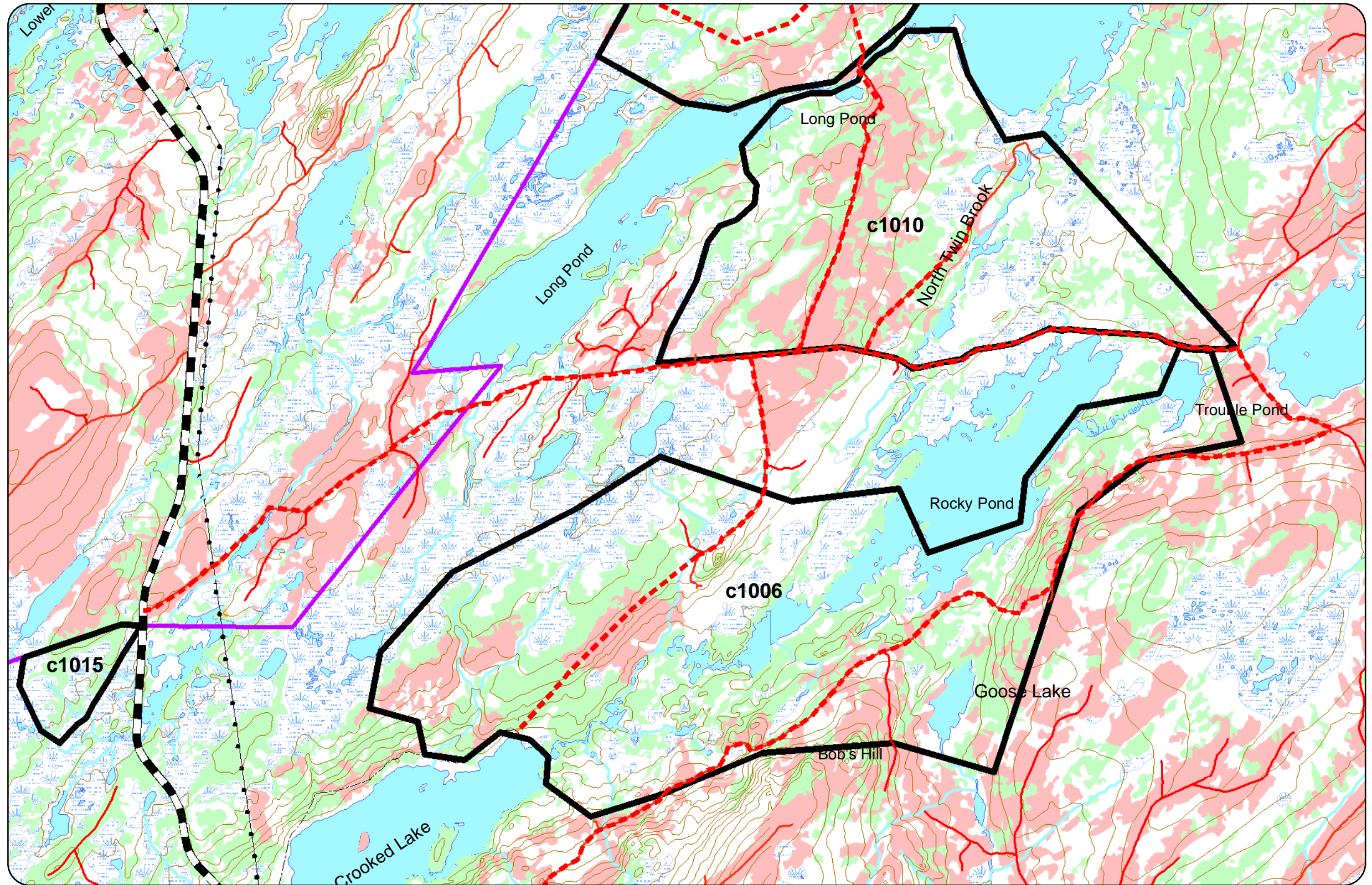
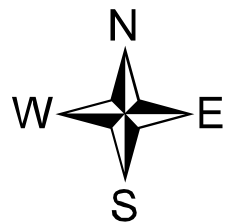


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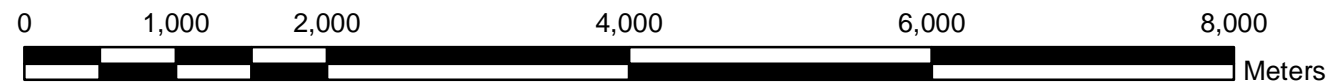
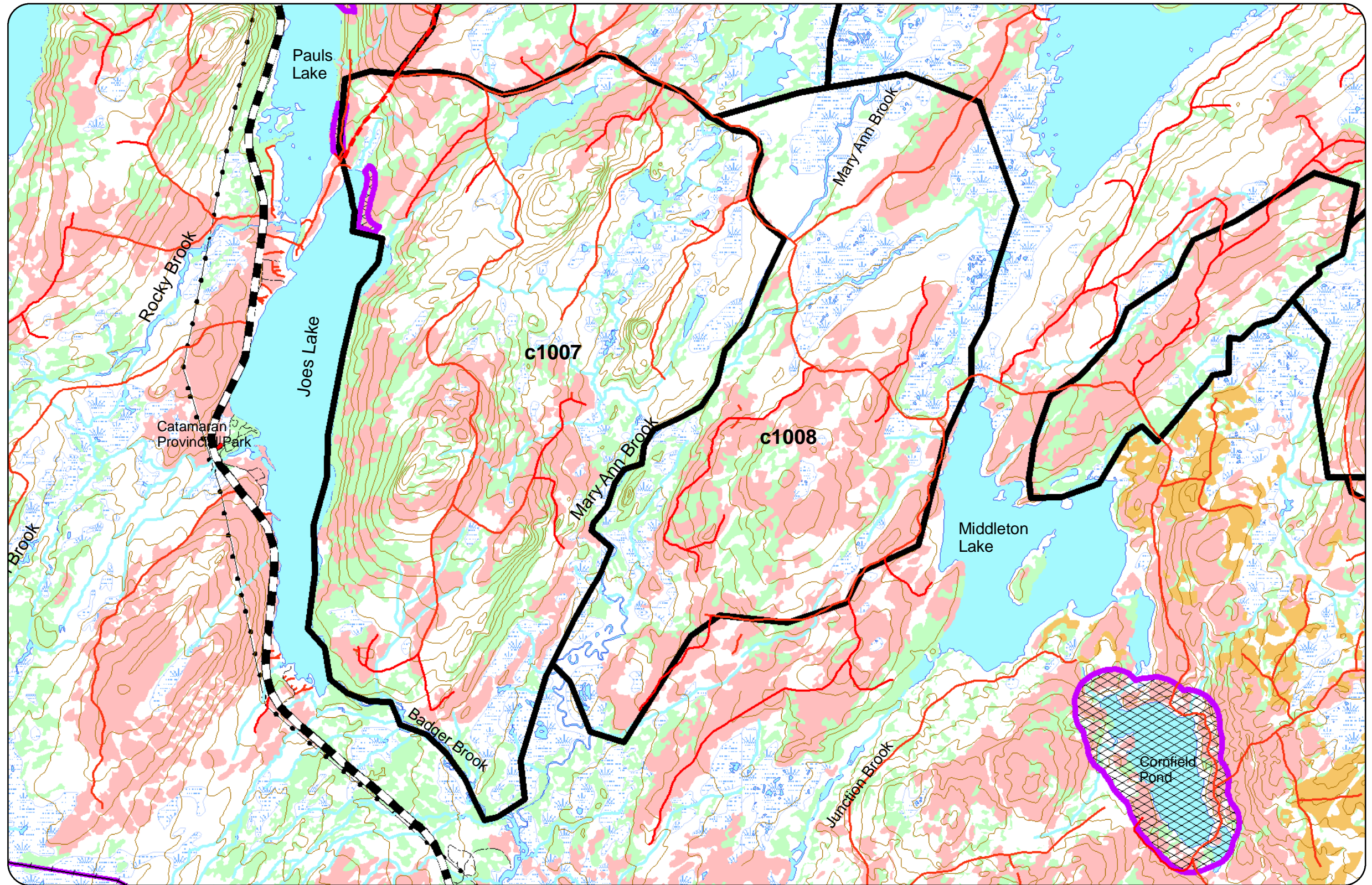
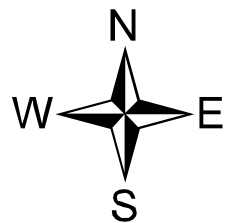
- Roads
- Proposed Roads
- contours
- streams
- Wetlands
- Waterbodies
- District Boundary
- Proposed Harvest Area
- Recent Cuts
- Mature
- Immature
- Protected Water Supplies



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




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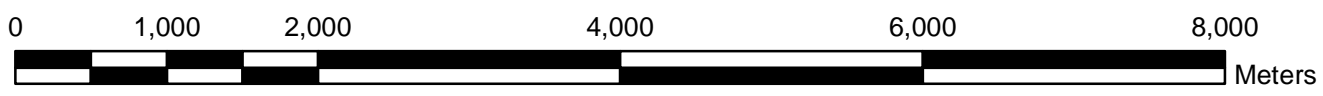
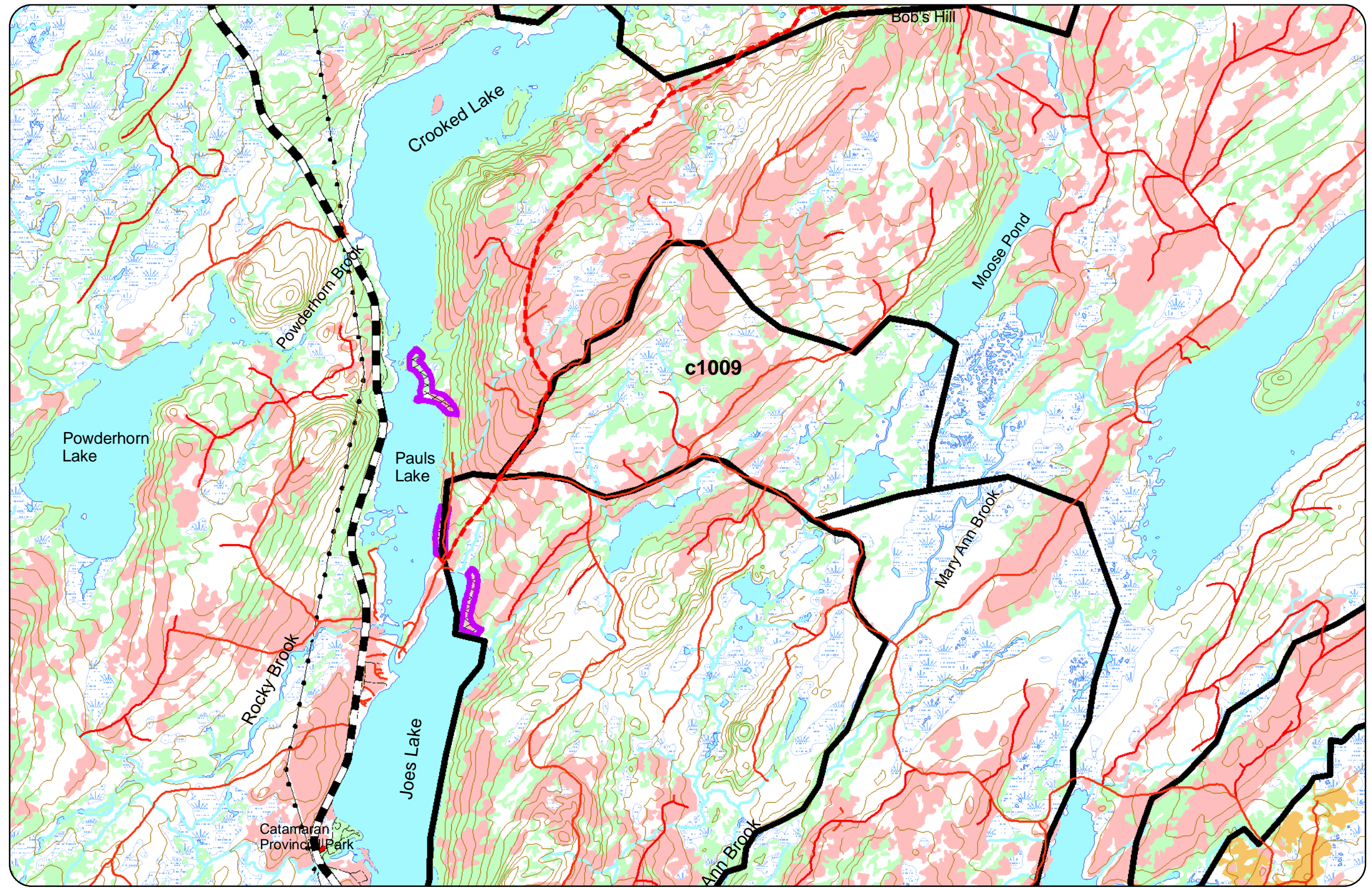
- Roads
- Proposed Roads
- contours
- streams
- Wetlands
- Waterbodies
- District Boundary
- Proposed Harvest Area
- Recent Cuts
- Mature
- Immature
- Protected Water Supplies
- Municipal Boundary
- Cottage Development



1:50,000

**Legend**

-  Roads
-  Proposed Roads
-  contours
-  streams
-  Wetlands
-  Waterbodies
-  District Boundary
-  Proposed Harvest Area
-  Recent Cuts
-  Mature
-  Immature
-  Protected Water Supplies
-  Municipal Boundary
-  Cottage Development

















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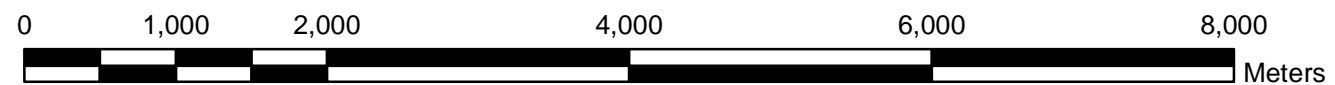
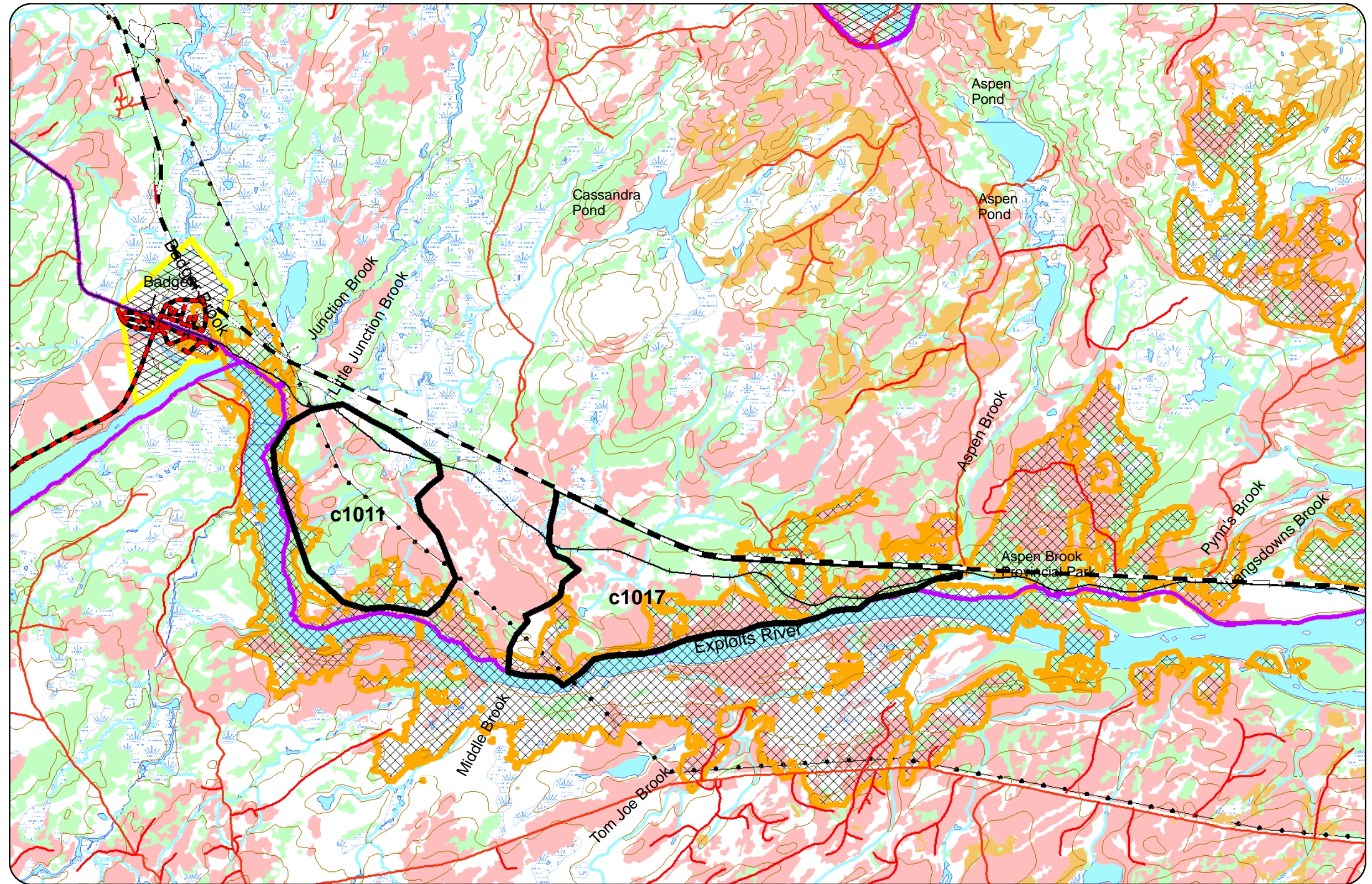
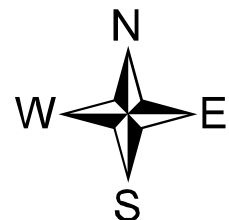


Five Year Plan (2011 - 2015)  
Forest Management District 10

Badger Southeast - c1011  
Aspen Brook West - c1017

**Legend**

-  Roads
-  Proposed Roads
-  contours
-  streams
-  Wetlands
-  Waterbodies
-  District Boundary
-  Proposed Harvest Area
-  Recent Cuts
-  Mature
-  Immature
-  Municipal Boundary
-  Cottage Development
-  Viewshed Buffer



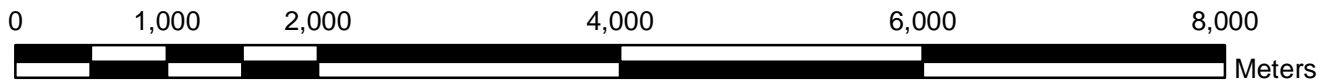
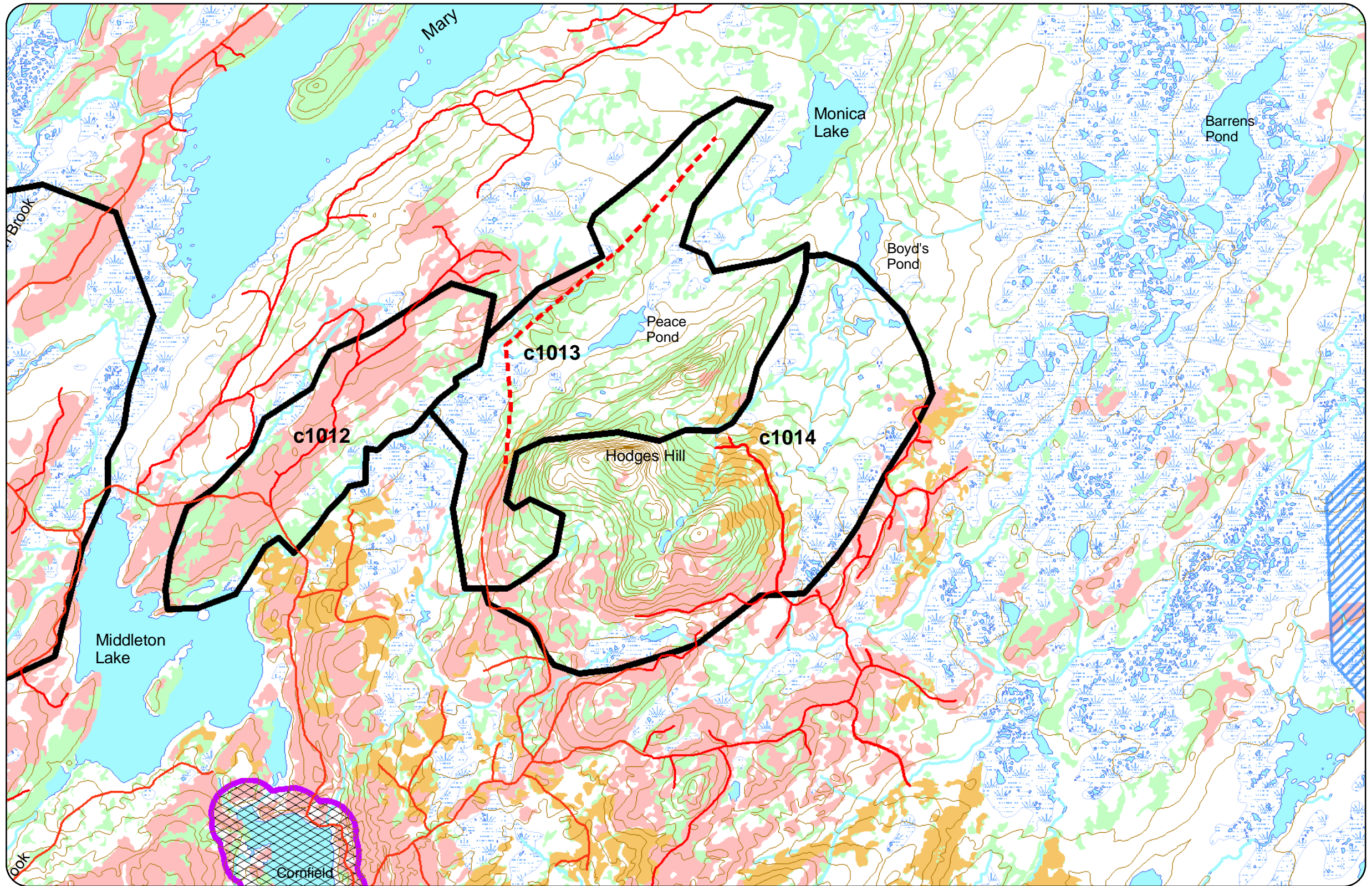
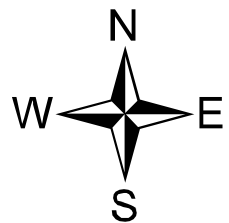
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Five Year Plan (2011 - 2015)  
Forest Management District 10

Middleton East - c1012  
Peace Pond - c1013  
Hodges East - c1014

Legend

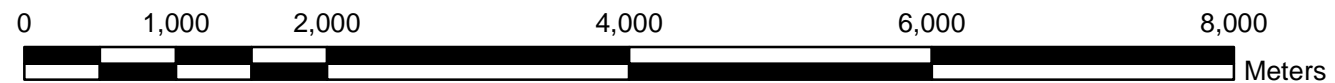
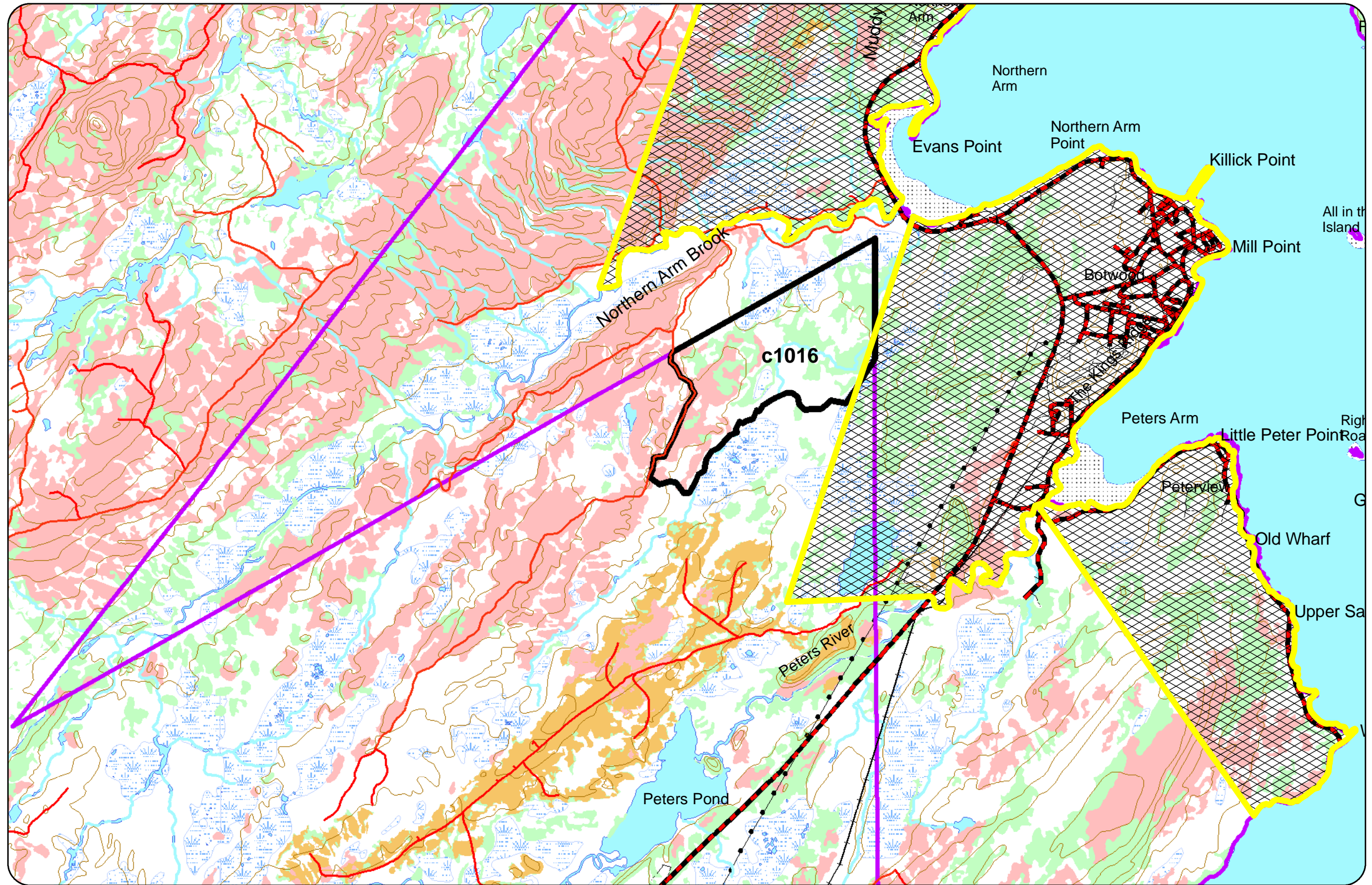
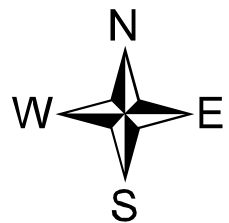
- Roads
- - - Proposed Roads
- contours
- ~ streams
- Wetlands
- Waterbodies
- District Boundary
- Proposed Harvest Area
- Recent Cuts
- Mature
- Immature
- Municipal Boundary
- Protected Water Supplies
- Cottage Development



1:50,000














### Legend

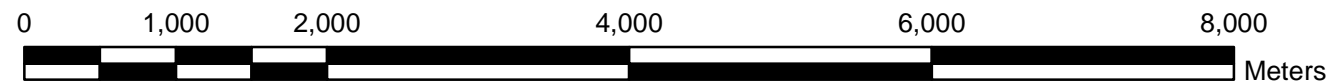
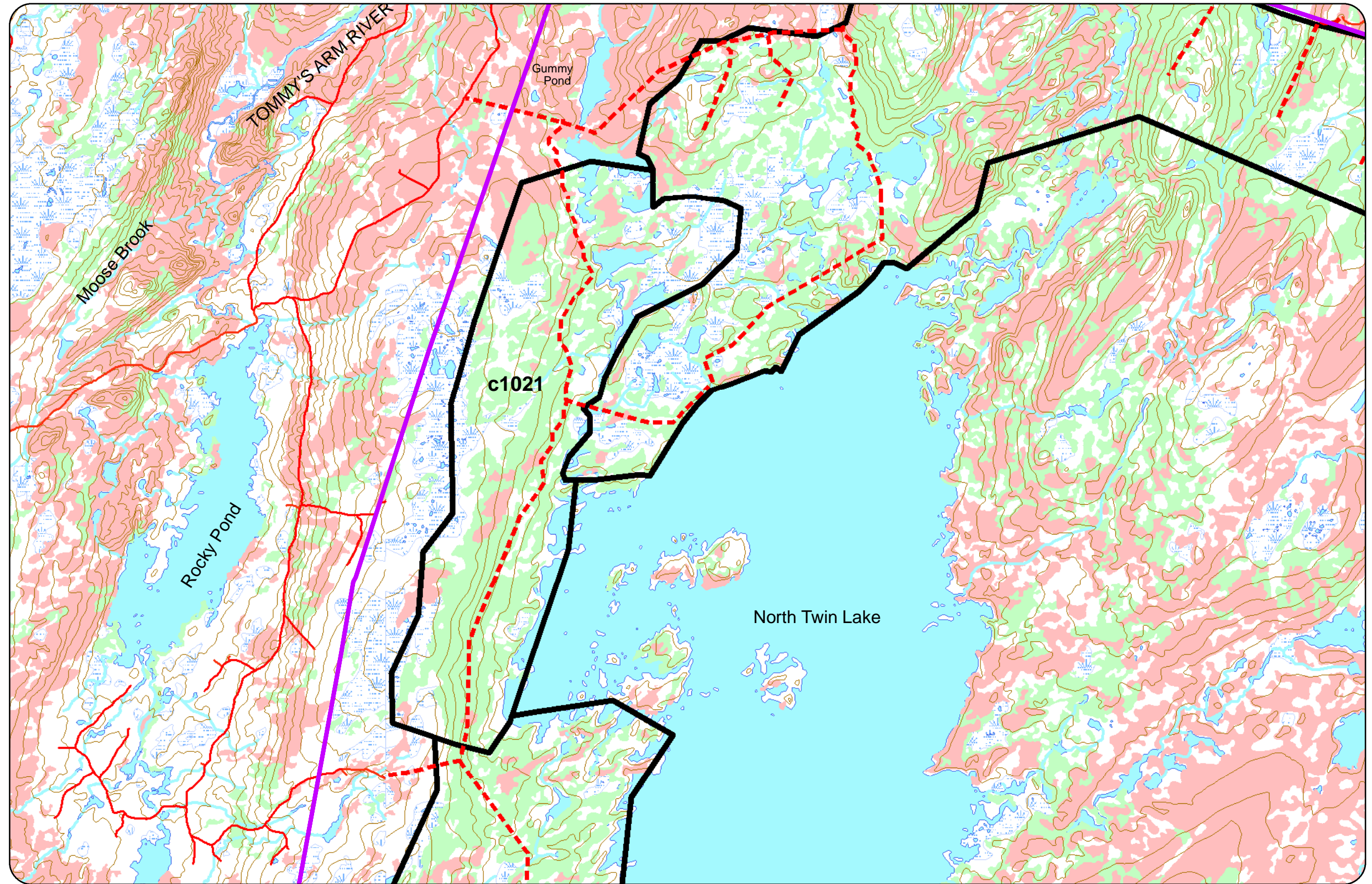
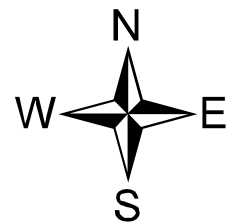
- Roads
- Proposed Roads
- contours
- streams
- Wetlands
- Waterbodies
- District Boundary
- Proposed Harvest Area
- Recent Cuts
- Mature
- Immature
- Municipal Boundary
- Protected Water Supplies



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### Legend

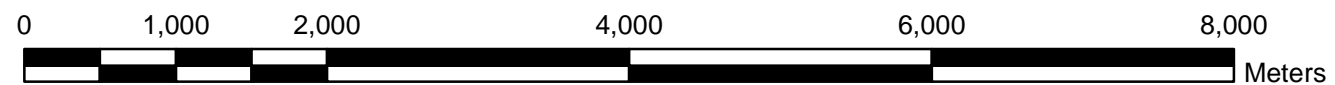
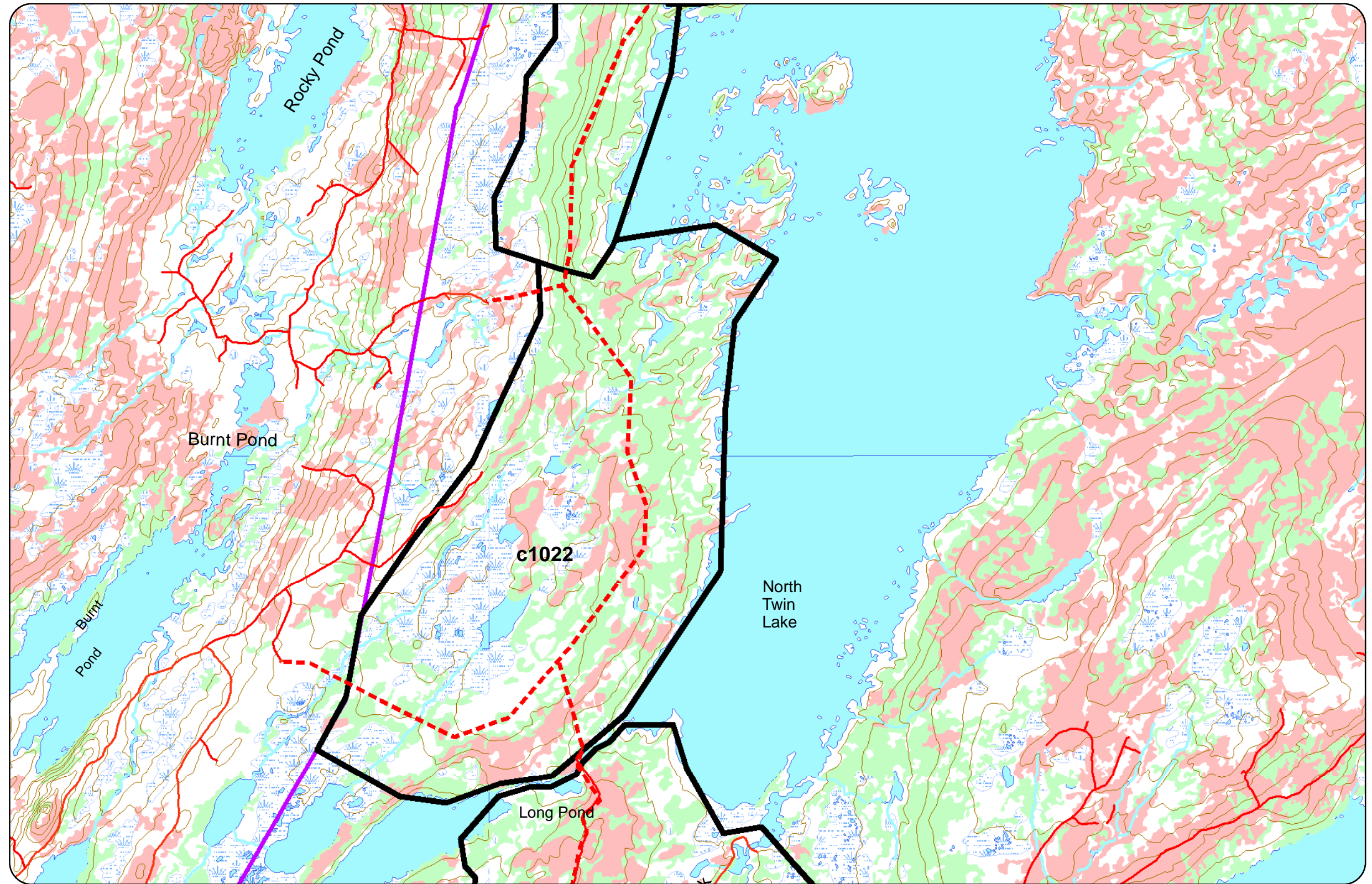
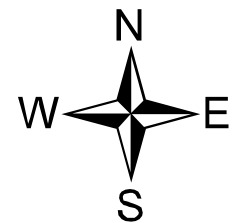
-  Roads
-  Proposed Roads
-  contours
-  streams
-  Wetlands
-  Waterbodies
-  District Boundary
-  Proposed Harvest Area
-  Recent Cuts
-  Mature
-  Immature
-  Municipal Boundary
-  Protected Water Supplies



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### Legend

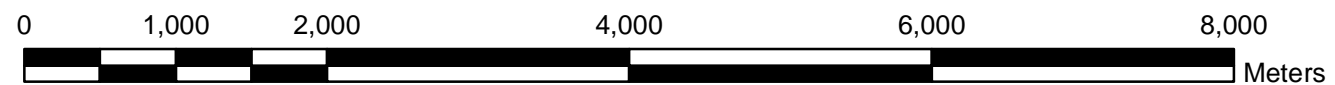
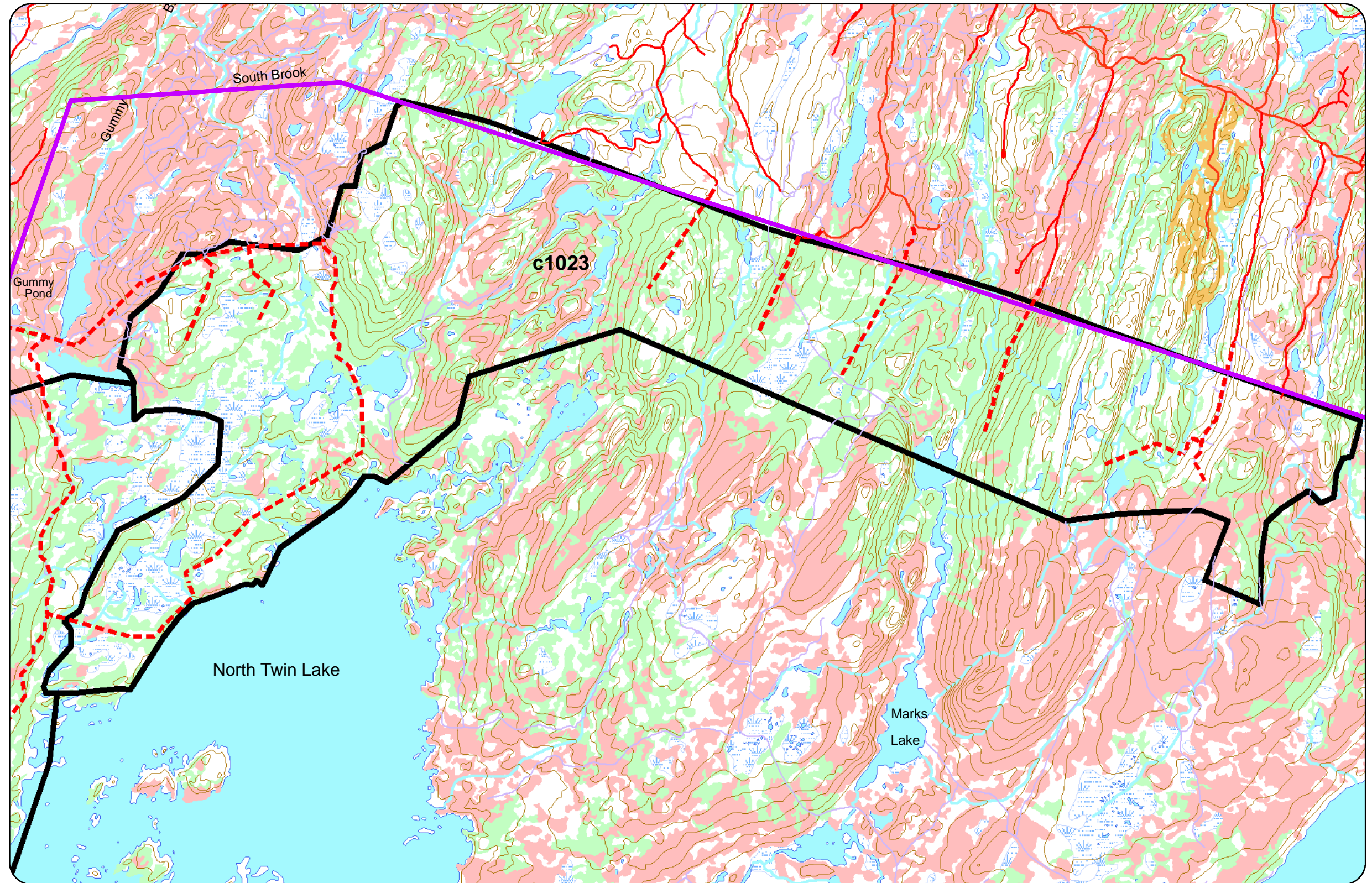
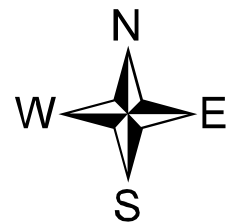
- Roads
- Proposed Roads
- contours
- streams
- Wetlands
- Waterbodies
- District Boundary
- Proposed Harvest Area
- Recent Cuts
- Mature
- Immature
- Municipal Boundary
- Protected Water Supplies



1:50,000














### Legend

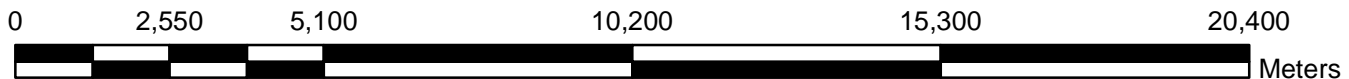
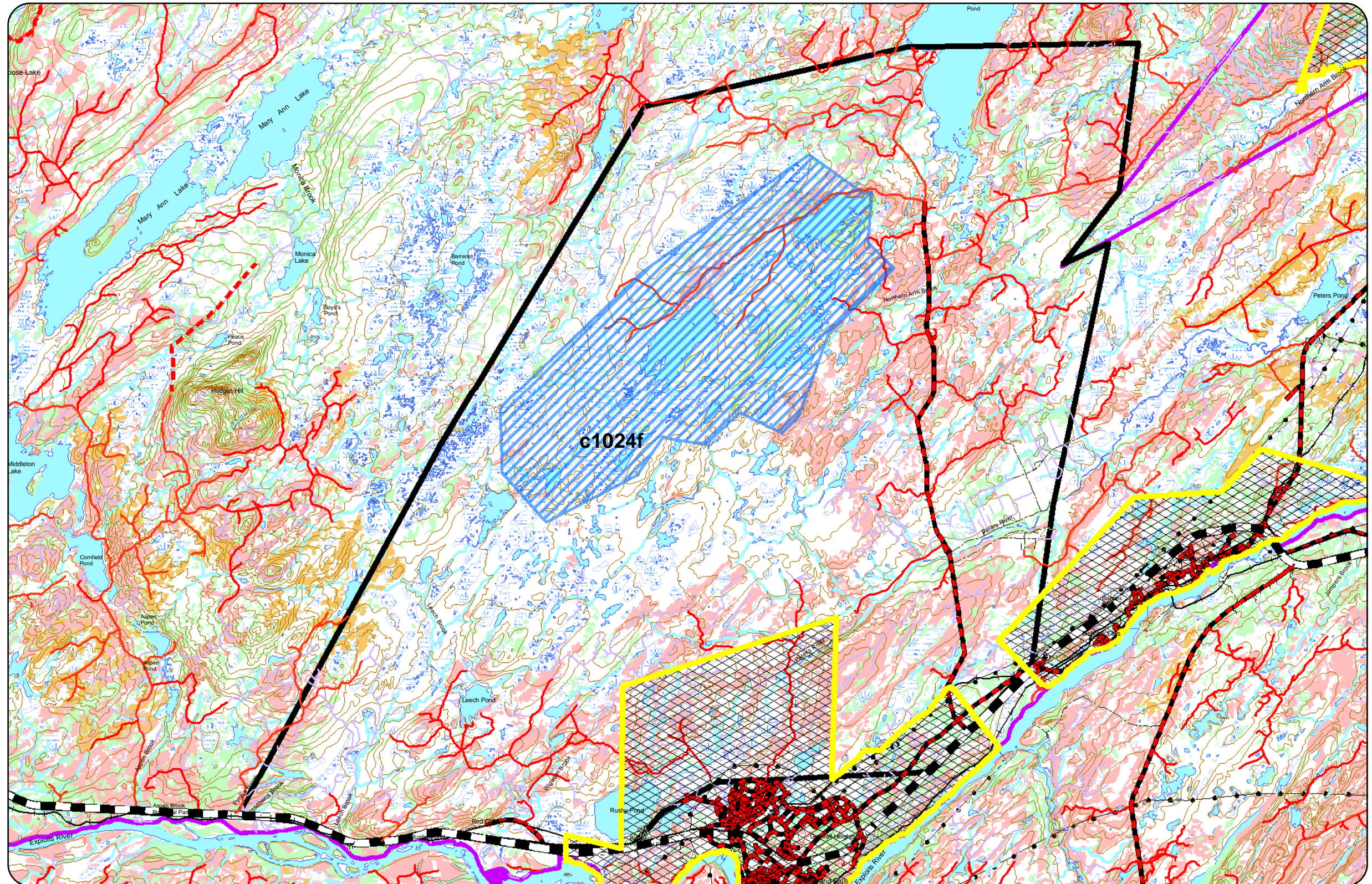
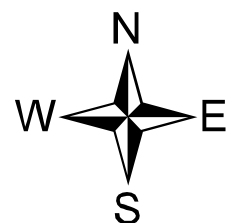
- Roads
- Proposed Roads
- contours
- streams
- Wetlands
- Waterbodies
- District Boundary
- Proposed Harvest Area
- Recent Cuts
- Mature
- Immature
- Municipal Boundary
- Protected Water Supplies



1:50,000

### Legend

-  Roads
-  Proposed Roads
-  contours
-  streams
-  Wetlands
-  Waterbodies
-  District Boundary
-  Proposed Harvest Area
-  Recent Cuts
-  Mature
-  Immature
-  Municipal Boundary
-  Protected Water Supplies



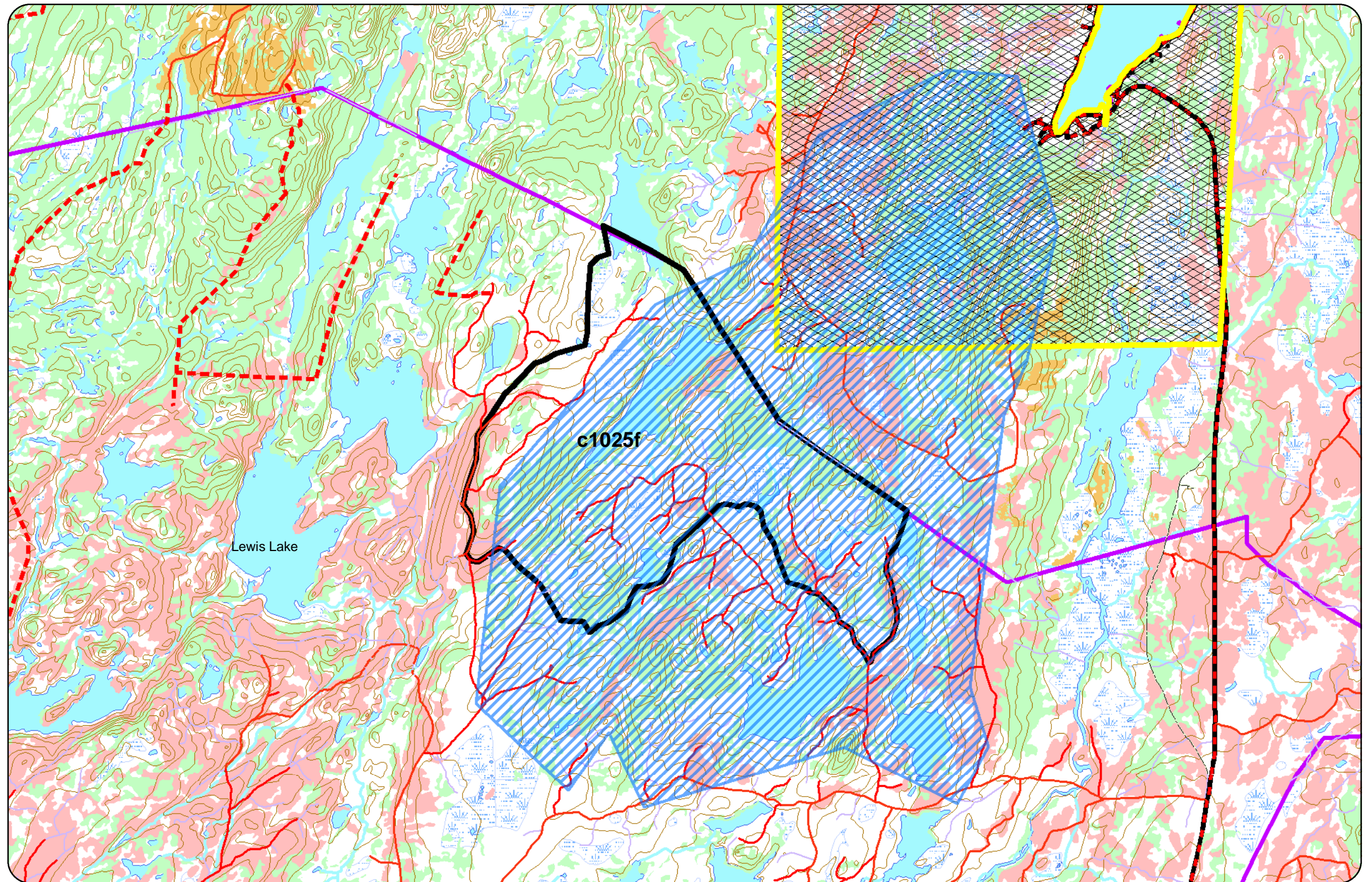
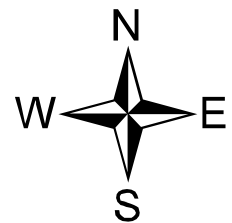
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Five Year Plan (2011 - 2015)  
Forest Management District 10

Four Mile Lake - C1025f

Legend

- Roads
- Proposed Roads
- contours
- streams
- Wetlands
- Waterbodies
- District Boundary
- Proposed Harvest Area
- Recent Cuts
- Mature
- Immature
- Municipal Boundary
- Protected Water Supplies



0 1,000 2,000 4,000 6,000 8,000 Meters

1:50,000



<b>Operating Area Name:</b> Askel Lake West	<b>Operating Area #:</b> c1001
<b>NFS Inventory Map #:</b> 5411, 5314, 5421,5324	<b>NTS Map #:</b> 2E5

**Description of Area:**

This area of crown land is located on the northern boundary of forest management district (FMD) 10 and bounded by FMD 8. It is accessible off route 350 between Point Leamington and Glovers Harbour via Southern Lake Forest Access road. Areas c1001 Askel Lake West, c1002 Trout Lake West, c1003 Long Pond West 1, c1004 Long Pond West 2, c1005 Seal Bay River East, c1019 Seal Bay River West, c1018 Seabright Pond and c1020 Lewis Lake are all adjacent to one another. The terrain varies from rugged to rolling hills to steep valleys. The area is located in the North Central Subregion of the Central Newfoundland Forest Ecoregion.

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**Harvesting Activities:**

Commercial activity will include pulpwood, sawlog and fuelwood harvesting using chainsaws and mechanical harvesters with extraction by forwarder. Some tree length timber on steep slopes may be harvested using skidders. A small amount of domestic harvesting could occur once commercial harvesting is completed. This would likely occur in the winter using chainsaws with extraction by snowmobile or ATV.

- Proposed 5 year commercial softwood harvest: 10,000 m3
- Proposed 5 year commercial hardwood harvest: 200 m3
- Proposed 5 year domestic softwood harvest: 500 m3
- Proposed 5 year domestic hardwood harvest: 500 m3

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**Silviculture Activities:**

Reconnaissance surveys will be carried out on existing and new cutovers and regenerating stands to determine the need for planting and/or thinning. Suitable cutovers that are not satisfactorily regenerated will be candidates for site preparation and planting and/or gap planting and suitable regenerating stands will be candidates for thinning. All potential silviculture areas are identified on the operating area maps as proposed harvest areas, recent cuts and immature stands.

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**Primary Forest Access Road Construction:**

There will be approximately 17 km of existing road upgraded. 1 km of new primary road will be constructed that will require 1 water course crossing.

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**Non Timber Considerations and Mitigations:**

Scheduled Salmon Rivers will be analyzed on a site-by-site basis and buffers will vary in width from 30 -100 meters. A 20 m buffer will be maintained on both sides of any other

rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps. There will be no cutting within 100 meters of Newfoundland Trailway.

There will be no cutting within 100 meters of a cabin development area and 20 meters of a registered legal cabin. No forestry activity is to occur within 800 meters of a bald eagle or osprey nest during the nesting season (Mar 15 to July 31) and 200 meters during the remainder of the year. Within protected water supplies, there will be no cutting within 150 meters of the intake pond or stream and no cutting within 75 meters of the main river channel. There will be no cutting within 50 meters of all ponds and streams flowing into the intake pond or stream.

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<b>Operating Area Name:</b> Trout Lake West	<b>Operating Area #:</b> c1002
<b>NFS Inventory Map #:</b> 5314,5324	<b>NTS Map #:</b> 2E5

**Description of Area:**

This area of crown land is located on the northern boundary of forest management district (FMD) 10 and bounded by FMD 8. It is accessible off route 350 between Point Leamington and Glovers Harbour via Southern Lake Forest Access road. Areas c1001 Askel Lake West, c1002 Trout Lake West, c1003 Long Pond West 1, c1004 Long Pond West 2, c1005 Seal Bay River East, c1019 Seal Bay River West, c1018 Seabright Pond and c1020 Lewis Lake are all adjacent to one another. The terrain varies from rugged to rolling hills to steep valleys. The area is located in the North Central Subregion of the Central Newfoundland Forest Ecoregion.

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**Harvesting Activities:**

Commercial activity will include pulpwood, sawlog and fuelwood harvesting using chainsaws and mechanical harvesters with extraction by forwarder. Some tree length timber on steep slopes may be harvested using skidders. A small amount of domestic harvesting could occur once commercial harvesting is completed. This would likely occur in the winter using chainsaws with extraction by snowmobile or ATV.

- Proposed 5 year commercial softwood harvest: 13,000 m<sup>3</sup>
- Proposed 5 year commercial hardwood harvest: 200 m<sup>3</sup>
- Proposed 5 year domestic softwood harvest: 500 m<sup>3</sup>
- Proposed 5 year domestic hardwood harvest: 500 m<sup>3</sup>

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**Silviculture Activities:**

Reconnaissance surveys will be carried out on existing and new cutovers and regenerating stands to determine the need for planting and/or thinning. Suitable cutovers that are not satisfactorily regenerated will be candidates for site preparation and planting and/or gap planting and suitable regenerating stands will be candidates for thinning. All potential silviculture areas are identified on the operating area maps as proposed harvest areas, recent cuts and immature stands.

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**Primary Forest Access Road Construction:**

There will be 3 km of primary access road extended from Spider Pond forest access road that will require 1 proposed stream crossing.

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**Non Timber Considerations and Mitigations:**

Scheduled Salmon Rivers will be analyzed on a site-by-site basis and buffers will vary in width from 30 -100 meters. A 20 m buffer will be maintained on both sides of any other

rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps. There will be no cutting within 100 meters of Newfoundland Trailway.

There will be no cutting within 100 meters of a cabin development area and 20 meters of a registered legal cabin. No forestry activity is to occur within 800 meters of a bald eagle or osprey nest during the nesting season (Mar 15 to July 31) and 200 meters during the remainder of the year. Within protected water supplies, there will be no cutting within 150 meters of the intake pond or stream and no cutting within 75 meters of the main river channel. There will be no cutting within 50 meters of all ponds and streams flowing into the intake pond or stream.

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<b>Operating Area Name:</b> Long Pond West 1	<b>Operating Area #:</b> c1003
<b>NFS Inventory Map #:</b> 5314, 5324	<b>NTS Map #:</b> 2E5

**Description of Area:**

This area of crown land is located on the northern boundary of forest management district (FMD) 10 and bounded by FMD 8. It is accessible off route 350 between Point Leamington and Glovers Harbour via Southern Lake Forest Access road. Areas c1001 Askel Lake West, c1002 Trout Lake West, c1003 Long Pond West 1, c1004 Long Pond West 2, c1005 Seal Bay River East, c1019 Seal Bay River West, c1018 Seabright Pond and c1020 Lewis Lake are all adjacent to one another. The terrain varies from rugged to rolling hills to steep valleys. The area is located in the North Central Subregion of the Central Newfoundland Forest Ecoregion.

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**Harvesting Activities:**

Commercial activity will include pulpwood, sawlog and fuelwood harvesting using chainsaws and mechanical harvesters with extraction by forwarder. Some tree length timber on steep slopes may be harvested using skidders. A small amount of domestic harvesting could occur once commercial harvesting is completed. This would likely occur in the winter using chainsaws with extraction by snowmobile or ATV.

Proposed 5 year commercial softwood harvest: 32,000 m<sup>3</sup>  
Proposed 5 year commercial hardwood harvest: 4,000 m<sup>3</sup>  
Proposed 5 year domestic softwood harvest: 500 m<sup>3</sup>  
Proposed 5 year domestic hardwood harvest: 500 m<sup>3</sup>

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**Silviculture Activities:**

Reconnaissance surveys will be carried out on existing and new cutovers and regenerating stands to determine the need for planting and/or thinning. Suitable cutovers that are not satisfactorily regenerated will be candidates for site preparation and planting and/or gap planting and suitable regenerating stands will be candidates for thinning. All potential silviculture areas are identified on the operating area maps as proposed harvest areas, recent cuts and immature stands.

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**Primary Forest Access Road Construction:**

There will be 2 kms of new primary access road constructed.

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**Non Timber Considerations and Mitigations:**

Scheduled Salmon Rivers will be analyzed on a site-by-site basis and buffers will vary in width from 30 -100 meters. A 20 m buffer will be maintained on both sides of any other

rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps. There will be no cutting within 100 meters of Newfoundland Trailway.

There will be no cutting within 100 meters of a cabin development area and 20 meters of a registered legal cabin. No forestry activity is to occur within 800 meters of a bald eagle or osprey nest during the nesting season (Mar 15 to July 31) and 200 meters during the remainder of the year. Within protected water supplies, there will be no cutting within 150 meters of the intake pond or stream and no cutting within 75 meters of the main river channel. There will be no cutting within 50 meters of all ponds and streams flowing into the intake pond or stream.

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<b>Operating Area Name:</b> Long Pond West 2	<b>Operating Area #:</b> c1004
<b>NFS Inventory Map #:</b> 5314, 5324	<b>NTS Map #:</b> 2E5

**Description of Area:**

This area of crown land is located on the northern boundary of forest management district (FMD) 10 and bounded by FMD 8. It is accessible off route 350 between Point Leamington and Glovers Harbour via Southern Lake Forest Access road. Areas c1001 Askel Lake West, c1002 Trout Lake West, c1003 Long Pond West 1, c1004 Long Pond West 2, c1005 Seal Bay River East, c1019 Seal Bay River West, c1018 Seabright Pond and c1020 Lewis Lake are all adjacent to one another. The terrain varies from rugged to rolling hills to steep valleys. The area is located in the North Central Subregion of the Central Newfoundland Forest Ecoregion.

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**Harvesting Activities:**

Commercial activity will include pulpwood, sawlog and fuelwood harvesting using chainsaws and mechanical harvesters with extraction by forwarder. Some tree length timber on steep slopes may be harvested using skidders. A small amount of domestic harvesting could occur once commercial harvesting is completed. This would likely occur in the winter using chainsaws with extraction by snowmobile or ATV.

- Proposed 5 year commercial softwood harvest: 47,000 m<sup>3</sup>
- Proposed 5 year commercial hardwood harvest: 500 m<sup>3</sup>
- Proposed 5 year domestic softwood harvest: 500 m<sup>3</sup>
- Proposed 5 year domestic hardwood harvest: 500 m<sup>3</sup>

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**Silviculture Activities:**

Reconnaissance surveys will be carried out on existing and new cutovers and regenerating stands to determine the need for planting and/or thinning. Suitable cutovers that are not satisfactorily regenerated will be candidates for site preparation and planting and/or gap planting and suitable regenerating stands will be candidates for thinning. All potential silviculture areas are identified on the operating area maps as proposed harvest areas, recent cuts and immature stands.

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**Primary Forest Access Road Construction:**

There will be 3 km of new primary access road constructed.

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**Non Timber Considerations and Mitigations:**

Scheduled Salmon Rivers will be analyzed on a site-by-site basis and buffers will vary in width from 30 -100 meters. A 20 m buffer will be maintained on both sides of any other

rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps. There will be no cutting within 100 meters of Newfoundland Trailway.

There will be no cutting within 100 meters of a cabin development area and 20 meters of a registered legal cabin. No forestry activity is to occur within 800 meters of a bald eagle or osprey nest during the nesting season (Mar 15 to July 31) and 200 meters during the remainder of the year. Within protected water supplies, there will be no cutting within 150 meters of the intake pond or stream and no cutting within 75 meters of the main river channel. There will be no cutting within 50 meters of all ponds and streams flowing into the intake pond or stream.

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<b>Operating Area Name:</b> Seal Bay River East	<b>Operating Area #:</b> c1005
<b>NFS Inventory Map #:</b> 5313, 5314, 5323,5324	<b>NTS Map #:</b> 2E5

**Description of Area:**

This area of crown land is located on the northern boundary of forest management district (FMD) 10 and bounded by FMD 8. It is accessible off route 350 between Point Leamington and Glovers Harbour via Southern Lake Forest Access road. Areas c1001 Askel Lake West, c1002 Trout Lake West, c1003 Long Pond West 1, c1004 Long Pond West 2, c1005 Seal Bay River East, c1019 Seal Bay River West, c1018 Seabright Pond and c1020 Lewis Lake are all adjacent to one another. The terrain varies from rugged to rolling hills to steep valleys. The area is located in the North Central Subregion of the Central Newfoundland Forest Ecoregion.

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**Harvesting Activities:**

Commercial activity will include pulpwood, sawlog and fuelwood harvesting using chainsaws and mechanical harvesters with extraction by forwarder. Some tree length timber on steep slopes may be harvested using skidders. A small amount of domestic harvesting could occur once commercial harvesting is completed. This would likely occur in the winter using chainsaws with extraction by snowmobile or ATV.

- Proposed 5 year commercial softwood harvest: 30,000 m<sup>3</sup>
- Proposed 5 year commercial hardwood harvest: 500 m<sup>3</sup>
- Proposed 5 year domestic softwood harvest: 500 m<sup>3</sup>
- Proposed 5 year domestic hardwood harvest: 500 m<sup>3</sup>

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**Silviculture Activities:**

Reconnaissance surveys will be carried out on existing and new cutovers and regenerating stands to determine the need for planting and/or thinning. Suitable cutovers that are not satisfactorily regenerated will be candidates for site preparation and planting and/or gap planting and suitable regenerating stands will be candidates for thinning. All potential silviculture areas are identified on the operating area maps as proposed harvest areas, recent cuts and immature stands.

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**Primary Forest Access Road Construction:**

There will be 4 km of primary road constructed from southern lake access road that will require 3 proposed water course crossing.

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**Non Timber Considerations and Mitigations:**

Scheduled Salmon Rivers will be analyzed on a site-by-site basis and buffers will vary in width from 30 -100 meters. A 20 m buffer will be maintained on both sides of any other rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps. There will be no cutting within 100 meters of Newfoundland Trailway.

There will be no cutting within 100 meters of a cabin development area and 20 meters of a registered legal cabin. No forestry activity is to occur within 800 meters of a bald eagle or osprey nest during the nesting season (Mar 15 to July 31) and 200 meters during the remainder of the year. Within protected water supplies, there will be no cutting within 150 meters of the intake pond or stream and no cutting within 75 meters of the main river channel. There will be no cutting within 50 meters of all ponds and streams flowing into the intake pond or stream.

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<b>Operating Area Name:</b> Rocky Pond South	<b>Operating Area #:</b> c1006
<b>NFS Inventory Map #:</b> 6234, 6331	<b>NTS Map #:</b> 12H/1, 2E/4

**Description of Area:**

This area of crown land is located on the Western boundary of forest management district (FMD) 10. It can be accessed from the TCH (Route 1) North of Badger via Rocky Brook and Mark’s Lake forest access roads. The terrain varies from rugged to rolling. The area is located in the North Central Subregion of the Central Newfoundland Forest Ecoregion. Areas c1006, c1010, c1021, c1022, and c1023 are all adjacent to one another but are accessed through different forest access road systems.

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**Harvesting Activities:**

Commercial activity will include pulpwood, sawlog and fuelwood harvesting using chainsaws and mechanical harvesters with extraction by forwarder. A small amount of domestic harvesting could occur once commercial harvesting is completed. This would likely occur in the winter using chainsaws with extraction by snowmobile or ATV.

- Proposed 5 year commercial softwood harvest: 63,000 m3
- Proposed 5 year commercial hardwood harvest: 500 m3
- Proposed 5 year domestic softwood harvest: 500 m3
- Proposed 5 year domestic hardwood harvest: 500 m3

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**Silviculture Activities:**

Reconnaissance surveys will be carried out on existing and new cutovers and regenerating stands to determine the need for planting and/or thinning. Suitable cutovers that are not satisfactorily regenerated will be candidates for site preparation and planting and/or gap planting and suitable regenerating stands will be candidates for thinning. All potential silviculture areas are identified on the operating area maps as proposed harvest areas, recent cuts and immature stands.

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**Primary Forest Access Road Construction:**

There will be 3 km of new primary road constructed. There will be approximately 18 kms of existing road upgraded that will require one proposed stream crossing.

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**Non Timber Considerations and Mitigations:**

Scheduled Salmon Rivers will be evaluated on a site-by-site basis and buffers will vary in width from 30 -100 meters. A 20 m buffer will be maintained on both sides of any other rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps. There will be no cutting within 100 meters of Newfoundland Trailway. There will be no cutting within 100 meters of a cabin development area and 20 meters of a registered legal cabin. No forestry activity is to occur within 800 meters of a bald eagle

or osprey nest during the nesting season (Mar 15 to July 31) and 200 meters during the remainder of the year. Within protected water supplies, there will be no cutting within 150 meters of the intake pond or stream and no cutting within 75 meters of the main river channel. There will be no cutting within 50 meters of all ponds and streams flowing into the intake pond or stream.

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<b>Operating Area Name:</b> Otter Pond	<b>Operating Area #:</b> c1007
<b>NFS Inventory Map #:</b> 6214, 6224	<b>NTS Map #:</b> 12H/1

**Description of Area:**

This area of crown land is located near the Western boundary of forest management district (FMD) 10. It is accessed from the east side of the TCH (Route 1) North of Badger via the Rocky Brook forest access road. The terrain varies from rugged to rolling terrain. Large portions of the area consist of old cutovers and silviculture treated areas. Large portions of the area consists of old cutovers that have been silviculturally treated. The area is being proposed to salvage timber remaining from prior logging operations. The area is located in the North Central Subregion of the Central Newfoundland Forest Ecoregion and is adjacent to operating areas c1008 and c1009.

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**Harvesting Activities:**

Commercial activity will include pulpwood, sawlog and fuelwood harvesting using chainsaws and mechanical harvesters with extraction by forwarder. A small amount of domestic harvesting could occur once commercial harvesting is completed. This would likely occur in the winter using chainsaws with extraction by snowmobile or ATV.

Proposed 5 year commercial softwood harvest: 43,000 m<sup>3</sup>

Proposed 5 year commercial hardwood harvest: 2,500 m<sup>3</sup>

Proposed 5 year domestic softwood harvest: 500 m<sup>3</sup>

Proposed 5 year domestic hardwood harvest: 500 m<sup>3</sup>

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**Silviculture Activities:**

Reconnaissance surveys will be carried out on existing and new cutovers and regenerating stands to determine the need for planting and/or thinning. Suitable cutovers that are not satisfactorily regenerated will be candidates for site preparation and planting and/or gap planting and suitable regenerating stands will be candidates for thinning. All potential silviculture areas are identified on the operating area maps as proposed harvest areas, recent cuts and immature stands.

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**Primary Forest Access Road Construction:**

There will be approximately 11 km of existing road upgraded.

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**Non Timber Considerations and Mitigations:**

Scheduled Salmon Rivers will be evaluated on a site-by-site basis and buffers will vary in width from 30 -100 meters. A 20 m buffer will be maintained on both sides of any other

rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps. There will be no cutting within 100 meters of Newfoundland Trailway.

There will be no cutting within 100 meters of a cabin development area and 20 meters of a registered legal cabin. No forestry activity is to occur within 800 meters of a bald eagle or osprey nest during the nesting season (Mar 15 to July 31) and 200 meters during the remainder of the year. Within protected water supplies, there will be no cutting within 150 meters of the intake pond or stream and no cutting within 75 meters of the main river channel. There will be no cutting within 50 meters of all ponds and streams flowing into the intake pond or stream.

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<b>Operating Area Name:</b> Middleton West	<b>Operating Area #:</b> c1008
<b>NFS Inventory Map #:</b> 6214, 6311,6321	<b>NTS Map #:</b> 12H/1, 2E/4

**Description of Area:**

This area of crown land is located near the Western boundary of forest management district (FMD) 10. It is accessed from the east side of the TCH (Route 1) North of Badger via the Rocky Brook forest access road. The terrain varies from rugged to rolling terrain. Large portions of the area consist of old cutovers and silviculture treated areas. Large portions of the area consists of old cutovers that have been silviculturally treated. The area is being proposed to salvage timber remaining from prior logging operations. The area is located in the North Central Subregion of the Central Newfoundland Forest Ecoregion and is adjacent to operating areas c1007 and c1009.

**Harvesting Activities:**

Commercial activity will include pulpwood, sawlog and fuelwood harvesting using chainsaws and mechanical harvesters with extraction by forwarder. A small amount of domestic harvesting could occur once commercial harvesting is completed. This would likely occur in the winter using chainsaws with extraction by snowmobile or ATV.

- Proposed 5 year commercial softwood harvest: 20,000 m3
- Proposed 5 year commercial hardwood harvest: 200 m3
- Proposed 5 year domestic softwood harvest: 500 m3
- Proposed 5 year domestic hardwood harvest: 500 m3

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**Silviculture Activities:**

Reconnaissance surveys will be carried out on existing and new cutovers and regenerating stands to determine the need for planting and/or thinning. Suitable cutovers that are not satisfactorily regenerated will be candidates for site preparation and planting and/or gap planting and suitable regenerating stands will be candidates for thinning. All potential silviculture areas are identified on the operating area maps as proposed harvest areas, recent cuts and immature stands.

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**Primary Forest Access Road Construction:**

None

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**Non Timber Considerations and Mitigations:**

Scheduled Salmon Rivers will be evaluated on a site-by-site basis and buffers will vary in width from 30 -100 meters. A 20 m buffer will be maintained on both sides of any other rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps. There will be no cutting within 100 meters of Newfoundland Trailway.

There will be no cutting within 100 meters of a cabin development area and 20 meters of a registered legal cabin. No forestry activity is to occur within 800 meters of a bald eagle or osprey nest during the nesting season (Mar 15 to July 31) and 200 meters during the remainder of the year. Within protected water supplies, there will be no cutting within 150 meters of the intake pond or stream and no cutting within 75 meters of the main river channel. There will be no cutting within 50 meters of all ponds and streams flowing into the intake pond or stream.

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<b>Operating Area Name:</b> Moose Pond	<b>Operating Area #:</b> c1009
<b>NFS Inventory Map #:</b> 6224, 6321	<b>NTS Map #:</b> 12H/1, 2E/4

**Description of Area:**

This area of crown land is located near the Western boundary of forest management district (FMD) 10. It is accessed from the east side of the TCH (Route 1) North of Badger via the Rocky Brook forest access road. The terrain varies from rugged to rolling terrain. Large portions of the area consist of old cutovers and silviculture treated areas. Large portions of the area consists of old cutovers that have been silviculturally treated. The area is being proposed to salvage timber remaining from prior logging operations. The area is located in the North Central Subregion of the Central Newfoundland Forest Ecoregion and is adjacent to operating areas c1007 and c1008.

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**Harvesting Activities:**

Commercial activity will include pulpwood, sawlog and fuelwood harvesting using chainsaws and mechanical harvesters with extraction by forwarder. A small amount of domestic harvesting could occur once commercial harvesting is completed. This would likely occur in the winter using chainsaws with extraction by snowmobile or ATV.

Proposed 5 year commercial softwood harvest: 13,000 m<sup>3</sup>

Proposed 5 year commercial hardwood harvest: 300 m<sup>3</sup>

Proposed 5 year domestic softwood harvest: 500 m<sup>3</sup>

Proposed 5 year domestic hardwood harvest: 500 m<sup>3</sup>

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**Silviculture Activities:**

Reconnaissance surveys will be carried out on existing and new cutovers and regenerating stands to determine the need for planting and/or thinning. Suitable cutovers that are not satisfactorily regenerated will be candidates for site preparation and planting and/or gap planting and suitable regenerating stands will be candidates for thinning. All potential silviculture areas are identified on the operating area maps as proposed harvest areas, recent cuts and immature stands.

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**Primary Forest Access Road Construction:**

None.

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**Non Timber Considerations and Mitigations:**

Scheduled Salmon Rivers will be evaluated on a site-by-site basis and buffers will vary in width from 30 -100 meters. A 20 m buffer will be maintained on both sides of any other rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps. There will be no cutting within 100 meters of Newfoundland Trailway.

There will be no cutting within 100 meters of a cabin development area and 20 meters of a registered legal cabin. No forestry activity is to occur within 800 meters of a bald eagle or osprey nest during the nesting season (Mar 15 to July 31) and 200 meters during the remainder of the year. Within protected water supplies, there will be no cutting within 150 meters of the intake pond or stream and no cutting within 75 meters of the main river channel. There will be no cutting within 50 meters of all ponds and streams flowing into the intake pond or stream.

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<b>Operating Area Name:</b> Rocky Pond North	<b>Operating Area #:</b> c1010
<b>NFS Inventory Map #:</b> 6244,6331, 6341	<b>NTS Map #:</b> 12H/1, 2E/4

**Description of Area:**

This area of crown land is located on the Western boundary of forest management district (FMD) 10. It is accessed from the TCH (Route 1) north of Badger via the Mark's Lake forest Access road (FMD 9). The terrain varies from rugged to rolling. Large portions of the area consist of old cutovers that has been silviculturally treated by PCT. The area is being proposed to salvage timber remaining from prior logging operations. It is located in the North Central Subregion of the Central Newfoundland Forest Ecoregion. Areas c1006, c1010, c1021, c1022, and c1023 are all adjacent to one another but are assessed through different forest access road systems.

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**Harvesting Activities:**

Commercial activity will include pulpwood, sawlog and fuelwood harvesting using chainsaws and mechanical harvesters with extraction by forwarder. A small amount of domestic harvesting could occur once commercial harvesting is completed. This would likely occur in the winter using chainsaws with extraction by snowmobile or ATV.

Proposed 5 year commercial softwood harvest: 41,000 m<sup>3</sup>

Proposed 5 year commercial hardwood harvest: 500 m<sup>3</sup>

Proposed 5 year domestic softwood harvest: 500 m<sup>3</sup>

Proposed 5 year domestic hardwood harvest: 500 m<sup>3</sup>

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**Silviculture Activities:**

Reconnaissance surveys will be carried out on existing and new cutovers and regenerating stands to determine the need for planting and/or thinning. Suitable cutovers that are not satisfactorily regenerated will be candidates for site preparation and planting and/or gap planting and suitable regenerating stands will be candidates for thinning. All potential silviculture areas are identified on the operating area maps as proposed harvest areas, recent cuts and immature stands.

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**Primary Forest Access Road Construction:**

No primary road construction. There will be approximately 3 km of existing road upgraded.

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**Non Timber Considerations and Mitigations:**

Scheduled Salmon Rivers will be evaluated on a site-by-site basis and buffers will vary in width from 30 -100 meters. A 20 m buffer will be maintained on both sides of any other

rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps. There will be no cutting within 100 meters of Newfoundland Trailway.

There will be no cutting within 100 meters of a cabin development area and 20 meters of a registered legal cabin. No forestry activity is to occur within 800 meters of a bald eagle or osprey nest during the nesting season (Mar 15 to July 31) and 200 meters during the remainder of the year. Within protected water supplies, there will be no cutting within 150 meters of the intake pond or stream and no cutting within 75 meters of the main river channel. There will be no cutting within 50 meters of all ponds and streams flowing into the intake pond or stream.

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<b>Operating Area Name:</b> Badger Southeast	<b>Operating Area #:</b> c1011
<b>NFS Inventory Map #:</b> 7444,7541	<b>NTS Map #:</b> 12A/16, 2D/13

**Description of Area:**

This area of crown land is located south-east of Badger it is accessed from the TCH (Route 1). It is located on the north side of Exploit’s River which forms the boundary between forest management districts (FMD) 10 and 11. It is adjacent to area c1017. The terrain varies from rugged to rolling terrain. The area is located in the North Central Subregion of the Central Newfoundland Forest Ecoregion.

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**Harvesting Activities:**

Commercial activity will include pulpwood, sawlog and fuelwood harvesting using chainsaws and mechanical harvesters with extraction by forwarder. A small amount of domestic harvesting could occur once commercial harvesting is completed. This would likely occur in the winter using chainsaws with extraction by snowmobile or ATV.

Proposed 5 year commercial softwood harvest: 11,000 m3

Proposed 5 year commercial hardwood harvest: 1,000 m3

Proposed 5 year domestic softwood harvest: 500 m3

Proposed 5 year domestic hardwood harvest: 500 m3

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**Silviculture Activities:**

Reconnaissance surveys will be carried out on existing and new cutovers and regenerating stands to determine the need for planting and/or thinning. Suitable cutovers that are not satisfactorily regenerated will be candidates for site preparation and planting and/or gap planting and suitable regenerating stands will be candidates for thinning. All potential silviculture areas are identified on the operating area maps as proposed harvest areas, recent cuts and immature stands.

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**Primary Forest Access Road Construction:**

None.

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**Non Timber Considerations and Mitigations:**

Consultations occurred with a local tourist establishment operating on the Exploit’s River. The Forestry Services Branch have agreed to the following mitigations for this operating area:

1. The viewscape (as identified on map) from the Exploit’s River, will be managed to protect the integrity of the views.

2. Any new roads will be deactivated following the completion of forest management activities.
3. The Forestry Services Branch will facilitate discussions between the Tourist operator and the commercial harvesting contractor, if necessary, in an effort to minimize the Tourist operator's concerns.

Scheduled Salmon Rivers will be evaluated on a site-by-site basis and buffers will vary in width from 30 -100 meters. A 20 m buffer will be maintained on both sides of any other rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps. There will be no cutting within 100 meters of Newfoundland Trailway.

There will be no cutting within 100 meters of a cabin development area and 20 meters of a registered legal cabin. No forestry activity is to occur within 800 meters of a bald eagle or osprey nest during the nesting season (Mar 15 to July 31) and 200 meters during the remainder of the year. Within protected water supplies, there will be no cutting within 150 meters of the intake pond or stream and no cutting within 75 meters of the main river channel. There will be no cutting within 50 meters of all ponds and streams flowing into the intake pond or stream.

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<b>Operating Area Name:</b> Middleton East	<b>Operating Area #:</b> c1012
<b>NFS Inventory Map #:</b> 6311,6321	<b>NTS Map #:</b> 2E/4

**Description of Area:**

This area of crown land is located in forest management district (FMD) 10 West of Grand Fall's-Windsor. It is accessed from the TCH (Route 1) via the Aspen Brook forest access road. The terrain varies from rugged to rolling. Large portions of the area consists of old cutovers that have been silviculturally treated. The area is being proposed to salvage timber remaining from prior logging operations. The area is located in the North Central Subregion of the Central Newfoundland Forest Ecoregion and is adjacent to operating areas c1013.

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**Harvesting Activities:**

Commercial activity will include pulpwood, sawlog and fuelwood harvesting using chainsaws and mechanical harvesters with extraction by forwarder. A small amount of domestic harvesting could occur once commercial harvesting is completed. This would likely occur in the winter using chainsaws with extraction by snowmobile or ATV.

- Proposed 5 year commercial softwood harvest: 13,000 m<sup>3</sup>
- Proposed 5 year commercial hardwood harvest: 200 m<sup>3</sup>
- Proposed 5 year domestic softwood harvest: 500 m<sup>3</sup>
- Proposed 5 year domestic hardwood harvest: 500 m<sup>3</sup>

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**Silviculture Activities:**

Reconnaissance surveys will be carried out on existing and new cutovers and regenerating stands to determine the need for planting and/or thinning. Suitable cutovers that are not satisfactorily regenerated will be candidates for site preparation and planting and/or gap planting and suitable regenerating stands will be candidates for thinning. All potential silviculture areas are identified on the operating area maps as proposed harvest areas, recent cuts and immature stands.

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**Primary Forest Access Road Construction:**

None.

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**Non Timber Considerations and Mitigations:**

Scheduled Salmon Rivers will be evaluated on a site-by-site basis and buffers will vary in width from 30 -100 meters. A 20 m buffer will be maintained on both sides of any other rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps. There will be no cutting within 100 meters of Newfoundland Trailway.

There will be no cutting within 100 meters of a cabin development area and 20 meters of a registered legal cabin. No forestry activity is to occur within 800 meters of a bald eagle or osprey nest during the nesting season (Mar 15 to July 31) and 200 meters during the remainder of the year. Within protected water supplies, there will be no cutting within 150 meters of the intake pond or stream and no cutting within 75 meters of the main river channel. There will be no cutting within 50 meters of all ponds and streams flowing into the intake pond or stream.

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<b>Operating Area Name:</b> Peace Pond	<b>Operating Area #:</b> c1013
<b>NFS Inventory Map #:</b> 6311,6321,6322	<b>NTS Map #:</b> 2E/4

**Description of Area:**

This area of crown land is located in forest management district (FMD) 10 West of Grand Fall's-Windsor. It is accessed from the TCH (Route 1) via the Aspen Brook forest access road. The terrain varies from rugged to rolling. Large portions of the area consists of old cutovers that have been silviculturally treated. The area is being proposed to salvage timber remaining from prior logging operations. The area is located in the North Central Subregion of the Central Newfoundland Forest Ecoregion and is adjacent to operating areas c1012 and c1014. .

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**Harvesting Activities:**

Commercial activity will include pulpwood, sawlog and fuelwood harvesting using chainsaws and mechanical harvesters with extraction by forwarder. A small amount of domestic harvesting could occur once commercial harvesting is completed. This would likely occur in the winter using chainsaws with extraction by snowmobile or ATV.

- Proposed 5 year commercial softwood harvest: 37,000 m3
- Proposed 5 year commercial hardwood harvest: 100 m3
- Proposed 5 year domestic softwood harvest: 500 m3
- Proposed 5 year domestic hardwood harvest: 500 m3

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**Silviculture Activities:**

Reconnaissance surveys will be carried out on existing and new cutovers and regenerating stands to determine the need for planting and/or thinning. Suitable cutovers that are not satisfactorily regenerated will be candidates for site preparation and planting and/or gap planting and suitable regenerating stands will be candidates for thinning. All potential silviculture areas are identified on the operating area maps as proposed harvest areas, recent cuts and immature stands.

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**Primary Forest Access Road Construction:**

There will be 5 km of upgrading on existing roads and 3 stream crossings proposed.

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**Non Timber Considerations and Mitigations:**

Scheduled Salmon Rivers will be evaluated on a site-by-site basis and buffers will vary in width from 30 -100 meters. A 20 m buffer will be maintained on both sides of any other rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps. There will be no cutting within 100 meters of Newfoundland Trailway.

There will be no cutting within 100 meters of a cabin development area and 20 meters of a registered legal cabin. No forestry activity is to occur within 800 meters of a bald eagle or osprey nest during the nesting season (Mar 15 to July 31) and 200 meters during the remainder of the year. Within protected water supplies, there will be no cutting within 150 meters of the intake pond or stream and no cutting within 75 meters of the main river channel. There will be no cutting within 50 meters of all ponds and streams flowing into the intake pond or stream.

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<b>Operating Area Name:</b> Hodges East	<b>Operating Area #:</b> c1014
<b>NFS Inventory Map #:</b> 6311, 6312, 6322	<b>NTS Map #:</b> 2E/4

**Description of Area:**

This area of crown land is located in forest management district (FMD) 10 West of Grand Fall's-Windsor. It is accessed from the TCH (Route 1) via the Aspen Brook forest access road. The terrain varies from rugged to rolling. Large portions of the area consists of old cutovers that have been silviculturally treated. The area is being proposed to salvage timber remaining from prior logging operations. The area is located in the North Central Subregion of the Central Newfoundland Forest Ecoregion and is adjacent to operating areas c1013.

**Harvesting Activities:**

Commercial activity will include pulpwood, sawlog and fuelwood harvesting using chainsaws and mechanical harvesters with extraction by forwarder. A small amount of domestic harvesting could occur once commercial harvesting is completed. This would likely occur in the winter using chainsaws with extraction by snowmobile or ATV.

Proposed 5 year commercial softwood harvest: 37,000 m3

Proposed 5 year commercial hardwood harvest: 100 m3

Proposed 5 year domestic softwood harvest: 500 m3

Proposed 5 year domestic hardwood harvest: 500 m3

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**Silviculture Activities:**

Reconnaissance surveys will be carried out on existing and new cutovers and regenerating stands to determine the need for planting and/or thinning. Suitable cutovers that are not satisfactorily regenerated will be candidates for site preparation and planting and/or gap planting and suitable regenerating stands will be candidates for thinning. All potential silviculture areas are identified on the operating area maps as proposed harvest areas, recent cuts and immature stands.

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**Primary Forest Access Road Construction:**

None.

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**Non Timber Considerations and Mitigations:**

Scheduled Salmon Rivers will be evaluated on a site-by-site basis and buffers will vary in width from 30 -100 meters. A 20 m buffer will be maintained on both sides of any other rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps. There will be no cutting within 100 meters of Newfoundland Trailway.

There will be no cutting within 100 meters of a cabin development area and 20 meters of a registered legal cabin. No forestry activity is to occur within 800 meters of a bald eagle or osprey nest during the nesting season (Mar 15 to July 31) and 200 meters during the remainder of the year. Within protected water supplies, there will be no cutting within 150 meters of the intake pond or stream and no cutting within 75 meters of the main river channel. There will be no cutting within 50 meters of all ponds and streams flowing into the intake pond or stream.

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<b>Operating Area Name:</b> Crooked Bog	<b>Operating Area #:</b> c1015
<b>NFS Inventory Map #:</b> 6234	<b>NTS Map #:</b> 12H/1

**Description of Area:**

This area of crown land is located on the Western boundary of forest management district (FMD) 10. It is accessible from the west side of TCH (Route 1) North of Badger. The terrain varies from rugged to rolling. Large portions of the operating area consists of old cutovers and silviculturally treated areas. The area is being proposed to salvage timber remaining from prior logging operations. The area is located in the North Central Subregion of the Central Newfoundland Forest Ecoregion.

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**Harvesting Activities:**

Commercial activity will include pulpwood, sawlog and fuelwood harvesting using chainsaws and mechanical harvesters with extraction by forwarder. A small amount of domestic harvesting could occur once commercial harvesting is completed. This would likely occur in the winter using chainsaws with extraction by snowmobile or ATV.

Proposed 5 year commercial softwood harvest: 3,000 m<sup>3</sup>

Proposed 5 year commercial hardwood harvest: 50 m<sup>3</sup>

Proposed 5 year domestic softwood harvest: 100 m<sup>3</sup>

Proposed 5 year domestic hardwood harvest: 100 m<sup>3</sup>

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**Silviculture Activities:**

Reconnaissance surveys will be carried out on existing and new cutovers and regenerating stands to determine the need for planting and/or thinning. Suitable cutovers that are not satisfactorily regenerated will be candidates for site preparation and planting and/or gap planting and suitable regenerating stands will be candidates for thinning. All potential silviculture areas are identified on the operating area maps as proposed harvest areas, recent cuts and immature stands.

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**Primary Forest Access Road Construction:**

None

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**Non Timber Considerations and Mitigations:**

Scheduled Salmon Rivers will be evaluated on a site-by-site basis and buffers will vary in width from 30 -100 meters. A 20 m buffer will be maintained on both sides of any other rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps. There will be no cutting within 100 meters of Newfoundland Trailway.

There will be no cutting within 100 meters of a cabin development area and 20 meters of a registered legal cabin. No forestry activity is to occur within 800 meters of a bald eagle

or osprey nest during the nesting season (Mar 15 to July 31) and 200 meters during the remainder of the year. Within protected water supplies, there will be no cutting within 150 meters of the intake pond or stream and no cutting within 75 meters of the main river channel. There will be no cutting within 50 meters of all ponds and streams flowing into the intake pond or stream.

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<b>Operating Area Name:</b> Northern Arm Brook	<b>Operating Area #:</b> c1016
<b>NFS Inventory Map #:</b> 6431	<b>NTS Map #:</b> 2E/3

**Description of Area:**

This area of crown land is located on the Eastern boundary of forest management district (FMD) 10. The north and east side of the proposed cutting area is bounded by the FMD 8 and 10 boundary. It is accessed from route 350 near Northern Arm on the south side of Northern Arm Brook. The terrain varies from rugged to rolling. The area is located in the North Central Subregion of the Central Newfoundland Forest Ecoregion.

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**Harvesting Activities:**

Commercial activity will include pulpwood, sawlog and fuelwood harvesting using chainsaws and mechanical harvesters with extraction by forwarder. A small amount of domestic harvesting could occur once commercial harvesting is completed. This would likely occur in the winter using chainsaws with extraction by snowmobile or ATV.

Proposed 5 year commercial softwood harvest: 6,000 m<sup>3</sup>

Proposed 5 year commercial hardwood harvest: 100 m<sup>3</sup>

Proposed 5 year domestic softwood harvest: 100 m<sup>3</sup>

Proposed 5 year domestic hardwood harvest: 100 m<sup>3</sup>

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**Silviculture Activities:**

Reconnaissance surveys will be carried out on existing and new cutovers and regenerating stands to determine the need for planting and/or thinning. Suitable cutovers that are not satisfactorily regenerated will be candidates for site preparation and planting and/or gap planting and suitable regenerating stands will be candidates for thinning. All potential silviculture areas are identified on the operating area maps as proposed harvest areas, recent cuts and immature stands.

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**Primary Forest Access Road Construction:**

There will be no primary roads built but existing roads will be upgraded.

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**Non Timber Considerations and Mitigations:**

Scheduled Salmon Rivers will be evaluated on a site-by-site basis and buffers will vary in width from 30 -100 meters. A 20 m buffer will be maintained on both sides of any other rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps. There will be no cutting within 100 meters of Newfoundland Trailway.

There will be no cutting within 100 meters of a cabin development area and 20 meters of a registered legal cabin. No forestry activity is to occur within 800 meters of a bald eagle or osprey nest during the nesting season (Mar 15 to July 31) and 200 meters during the remainder of the year. Within protected water supplies, there will be no cutting within 150 meters of the intake pond or stream and no cutting within 75 meters of the main river channel. There will be no cutting within 50 meters of all ponds and streams flowing into the intake pond or stream.

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<b>Operating Area Name:</b> Aspen Brook West	<b>Operating Area #:</b> c1017
<b>NFS Inventory Map #:</b> 7541	<b>NTS Map #:</b> 2D/13

**Description of Area:**

This area of crown land is located south-east of Badger and is accessible from the TCH (Route 1). It is located on the north side of the Exploit's River which forms the boundary between forest management districts (FMD) 10 and 11. It is adjacent to area c1011. The terrain varies from rugged to rolling terrain.. The area is located in the North Central Subregion of the Central Newfoundland Forest Ecoregion.

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**Harvesting Activities:**

Commercial activity will include pulpwood, sawlog and fuelwood harvesting using chainsaws and mechanical harvesters with extraction by forwarder. A small amount of domestic harvesting could occur once commercial harvesting is completed. This would likely occur in the winter using chainsaws with extraction by snowmobile or ATV.

Proposed 5 year commercial softwood harvest: 13,000 m3

Proposed 5 year commercial hardwood harvest: 200 m3

Proposed 5 year domestic softwood harvest: 300 m3

Proposed 5 year domestic hardwood harvest: 300 m3

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**Silviculture Activities:**

Reconnaissance surveys will be carried out on existing and new cutovers and regenerating stands to determine the need for planting and/or thinning. Suitable cutovers that are not satisfactorily regenerated will be candidates for site preparation and planting and/or gap planting and suitable regenerating stands will be candidates for thinning. All potential silviculture areas are identified on the operating area maps as proposed harvest areas, recent cuts and immature stands.

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**Primary Forest Access Road Construction:**

None

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**Non Timber Considerations and Mitigations:**

Consultations occurred with a local tourist establishment operating on the Exploit's River. The Forestry Services Branch has agreed to the following mitigations for this operating area:

1. The viewscape (as identified on map) from the Exploit's River, will be managed to protect the integrity of the views.

2. Any new roads will be deactivated following the completion of forest management activities.
3. Harvesting will not occur during the peak tourist season (June 15 – Sept 15).

Scheduled Salmon Rivers will be evaluated on a site-by-site basis and buffers will vary in width from 30 -100 meters. A 20 m buffer will be maintained on both sides of any other rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps. There will be no cutting within 100 meters of Newfoundland Trailway.

There will be no cutting within 100 meters of a cabin development area and 20 meters of a registered legal cabin. No forestry activity is to occur within 800 meters of a bald eagle or osprey nest during the nesting season (Mar 15 to July 31) and 200 meters during the remainder of the year. Within protected water supplies, there will be no cutting within 150 meters of the intake pond or stream and no cutting within 75 meters of the main river channel. There will be no cutting within 50 meters of all ponds and streams flowing into the intake pond or stream.

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<b>Operating Area Name:</b> Seabright Pond	<b>Operating Area #:</b> c1018
<b>NFS Inventory Map #:</b> 5314	<b>NTS Map #:</b> 2E5

**Description of Area:**

This area of crown land is located on the northern boundary of forest management district (FMD) 10 and bounded by FMD 8. It is accessible off route 350 between Point Leamington and Glovers Harbour via Southern Lake Forest Access road. Areas c1001 Askel Lake West, c1002 Trout Lake West, c1003 Long Pond West 1, c1004 Long Pond West 2, c1005 Seal Bay River East, c1019 Seal Bay River West, c1018 Seabright Pond and c1020 Lewis Lake are all adjacent to one another. The terrain varies from rugged to rolling hills to steep valleys. The area is located in the North Central Subregion of the Central Newfoundland Forest Ecoregion.

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**Harvesting Activities:**

Commercial activity will include pulpwood, sawlog and fuelwood harvesting using chainsaws and mechanical harvesters with extraction by forwarder. Some tree length timber on steep slopes may be harvested using skidders. A small amount of domestic harvesting could occur once commercial harvesting is completed. This would likely occur in the winter using chainsaws with extraction by snowmobile or ATV.

- Proposed 5 year commercial softwood harvest: 39,000 m<sup>3</sup>
- Proposed 5 year commercial hardwood harvest: 4,000 m<sup>3</sup>
- Proposed 5 year domestic softwood harvest: 500 m<sup>3</sup>
- Proposed 5 year domestic hardwood harvest: 500 m<sup>3</sup>

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**Silviculture Activities:**

Reconnaissance surveys will be carried out on existing and new cutovers and regenerating stands to determine the need for planting and/or thinning. Suitable cutovers that are not satisfactorily regenerated will be candidates for site preparation and planting and/or gap planting and suitable regenerating stands will be candidates for thinning. All potential silviculture areas are identified on the operating area maps as proposed harvest areas, recent cuts and immature stands.

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**Primary Forest Access Road Construction:**

There will be 7 km of primary road constructed that will require 3 proposed stream crossings.

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**Non Timber Considerations and Mitigations:**

Scheduled Salmon Rivers will be analyzed on a site-by-site basis and buffers will vary in width from 30 -100 meters. A 20 m buffer will be maintained on both sides of any other

rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps. There will be no cutting within 100 meters of Newfoundland Trailway.

There will be no cutting within 100 meters of a cabin development area and 30 meters of a cabin. No forestry activity is to occur within 800 meters of a bald eagle or osprey nest during the nesting season (Mar 15 to July 31) and 200 meters during the remainder of the year. Within protected water supplies, there will be no cutting within 150 meters of the intake pond or stream and no cutting within 75 meters of the main river channel. There will be no cutting within 50 meters of all ponds and streams flowing into the intake pond or stream.

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<b>Operating Area Name:</b> Seal Bay River West	<b>Operating Area #:</b> c1019
<b>NFS Inventory Map #:</b> 5313, 5314, 5323,5324	<b>NTS Map #:</b> 2E5

**Description of Area:**

This area of crown land is located on the northern boundary of forest management district (FMD) 10 and bounded by FMD 8. It is accessible off route 350 between Point Leamington and Glovers Harbour via Southern Lake Forest Access road. Areas c1001 Askel Lake West, c1002 Trout Lake West, c1003 Long Pond West 1, c1004 Long Pond West 2, c1005 Seal Bay River East, c1019 Seal Bay River West, c1018 Seabright Pond and c1020 Lewis Lake are all adjacent to one another. The terrain varies from rugged to rolling hills to steep valleys. The area is located in the North Central Subregion of the Central Newfoundland Forest Ecoregion.

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**Harvesting Activities:**

Commercial activity will include pulpwood, sawlog and fuelwood harvesting using chainsaws and mechanical harvesters with extraction by forwarder. Some tree length timber on steep slopes may be harvested using skidders. A small amount of domestic harvesting could occur once commercial harvesting is completed. This would likely occur in the winter using chainsaws with extraction by snowmobile or ATV.

Proposed 5 year commercial softwood harvest: 43,000 m<sup>3</sup>  
Proposed 5 year commercial hardwood harvest: 500 m<sup>3</sup>  
Proposed 5 year domestic softwood harvest: 500 m<sup>3</sup>  
Proposed 5 year domestic hardwood harvest: 500 m<sup>3</sup>

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**Silviculture Activities:**

Reconnaissance surveys will be carried out on existing and new cutovers and regenerating stands to determine the need for planting and/or thinning. Suitable cutovers that are not satisfactorily regenerated will be candidates for site preparation and planting and/or gap planting and suitable regenerating stands will be candidates for thinning. All potential silviculture areas are identified on the operating area maps as proposed harvest areas, recent cuts and immature stands.

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**Primary Forest Access Road Construction:**

There will be 7 km of primary access road constructed that will require 4 proposed stream crossings.

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**Non Timber Considerations and Mitigations:**

Scheduled Salmon Rivers will be analyzed on a site-by-site basis and buffers will vary in width from 30 -100 meters. A 20 m buffer will be maintained on both sides of any other rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps. There will be no cutting within 100 meters of Newfoundland Trailway.

There will be no cutting within 100 meters of a cabin development area and 20 meters of a registered legal cabin. No forestry activity is to occur within 800 meters of a bald eagle or osprey nest during the nesting season (Mar 15 to July 31) and 200 meters during the remainder of the year. Within protected water supplies, there will be no cutting within 150 meters of the intake pond or stream and no cutting within 75 meters of the main river channel. There will be no cutting within 50 meters of all ponds and streams flowing into the intake pond or stream.

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<b>Operating Area Name:</b> Lewis Lake	<b>Operating Area #:</b> c1020
<b>NFS Inventory Map #:</b> 5314, 6344	<b>NTS Map #:</b> 2E4

**Description of Area:**

This area of crown land is located on the northern boundary of forest management district (FMD) 10 and bounded by FMD 8. It is accessible off route 350 between Point Leamington and Glovers Harbour via Southern Lake Forest Access road. Areas c1001 Askel Lake West, c1002 Trout Lake West, c1003 Long Pond West 1, c1004 Long Pond West 2, c1005 Seal Bay River East, c1019 Seal Bay River West, c1018 Seabright Pond and c1020 Lewis Lake are all adjacent to one another. The terrain varies from rugged to rolling hills to steep valleys. The area is located in the North Central Subregion of the Central Newfoundland Forest Ecoregion.

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**Harvesting Activities:**

Commercial activity will include pulpwood, sawlog and fuelwood harvesting using chainsaws and mechanical harvesters with extraction by forwarder. Some tree length timber on steep slopes may be harvested using skidders. A small amount of domestic harvesting could occur once commercial harvesting is completed. This would likely occur in the winter using chainsaws with extraction by snowmobile or ATV.

- Proposed 5 year commercial softwood harvest: 49,000 m<sup>3</sup>
- Proposed 5 year commercial hardwood harvest: 500 m<sup>3</sup>
- Proposed 5 year domestic softwood harvest: 500 m<sup>3</sup>
- Proposed 5 year domestic hardwood harvest: 500 m<sup>3</sup>

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**Silviculture Activities:**

Reconnaissance surveys will be carried out on existing and new cutovers and regenerating stands to determine the need for planting and/or thinning. Suitable cutovers that are not satisfactorily regenerated will be candidates for site preparation and planting and/or gap planting and suitable regenerating stands will be candidates for thinning. All potential silviculture areas are identified on the operating area maps as proposed harvest areas, recent cuts and immature stands.

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**Primary Forest Access Road Construction:**

4 Kms of new primary road will be constructed that will require 3 proposed stream crossings.

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**Non Timber Considerations and Mitigations:**

Scheduled Salmon Rivers will be analyzed on a site-by-site basis and buffers will vary in width from 30 -100 meters. A 20 m buffer will be maintained on both sides of any other

rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps. There will be no cutting within 100 meters of Newfoundland Trailway.

There will be no cutting within 100 meters of a cabin development area and 20 meters of a registered legal cabin. No forestry activity is to occur within 800 meters of a bald eagle or osprey nest during the nesting season (Mar 15 to July 31) and 200 meters during the remainder of the year. Within protected water supplies, there will be no cutting within 150 meters of the intake pond or stream and no cutting within 75 meters of the main river channel. There will be no cutting within 50 meters of all ponds and streams flowing into the intake pond or stream.

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<b>Operating Area Name:</b> North Twin West 1	<b>Operating Area #:</b> c1021
<b>NFS Inventory Map #:</b> 5311,5321	<b>NTS Map #:</b> 2E/5

**Description of Area:**

This area of crown land is located on the Western boundary of forest management district (FMD) 10. It is accessed from the east side of the TCH (Route 1) north of Badger on the via the Burnt Pond forest Access road (FMD 9). The east side of the proposed cutting area is bounded by North Twin Lake. The terrain varies from rugged to rolling and the operating area is comprised of age class 4, 5 and 6 forest stands. The area is located in the North Central Sub region of the Central Newfoundland Forest Ecoregion. Operating areas c1006, c1010, c1021, c1022, and c1023 are all adjacent to one another but are accessed through different forest access roads.

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**Harvesting Activities:**

Commercial activity will include pulpwood, sawlog and fuelwood harvesting using chainsaws and mechanical harvesters with extraction by forwarder. A small amount of domestic harvesting could occur once commercial harvesting is completed. This would likely occur in the winter using chainsaws with extraction by snowmobile or ATV.

- Proposed 5 year commercial softwood harvest: 40,000 m<sup>3</sup>
- Proposed 5 year commercial hardwood harvest: 200 m<sup>3</sup>
- Proposed 5 year domestic softwood harvest: 500 m<sup>3</sup>
- Proposed 5 year domestic hardwood harvest: 500 m<sup>3</sup>

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**Silviculture Activities:**

Reconnaissance surveys will be carried out on existing and new cutovers and regenerating stands to determine the need for planting and/or thinning. Suitable cutovers that are not satisfactorily regenerated will be candidates for site preparation and planting and/or gap planting and suitable regenerating stands will be candidates for thinning. All potential silviculture areas are identified on the operating area maps as proposed harvest areas, recent cuts and immature stands.

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**Primary Forest Access Road Construction:**

7 km of new primary road will be constructed that will require 2 stream crossings. 11 kms of existing roads will require upgrading.

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**Non Timber Considerations and Mitigations:**

Scheduled Salmon Rivers will be evaluated on a site-by-site basis and buffers will vary in width from 30 -100 meters. A 20 m buffer will be maintained on both sides of any other rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps. There will be no cutting within 100 meters of Newfoundland Trailway.

There will be no cutting within 100 meters of a cabin development area and 20 meters of a registered legal cabin. No forestry activity is to occur within 800 meters of a bald eagle or osprey nest during the nesting season (Mar 15 to July 31) and 200 meters during the remainder of the year. Within protected water supplies, there will be no cutting within 150 meters of the intake pond or stream and no cutting within 75 meters of the main river channel. There will be no cutting within 50 meters of all ponds and streams flowing into the intake pond or stream.

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<b>Operating Area Name:</b> North Twin West 2	<b>Operating Area #:</b> c1022
<b>NFS Inventory Map #:</b> 6244, 6341,5311,5214	<b>NTS Map #:</b> 12H/1, 12H/8 2E/4, 2E/5

**Description of Area:**

This area of crown land is located on the Western boundary of forest management district (FMD) 10. It is accessed from the east side of the TCH (Route 1) north of Badger on the via the Burnt Pond forest Access road (FMD 9). The east side of the proposed cutting area is bounded by North Twin Lake. The terrain varies from rugged to rolling and the operating area is comprised mainly of age class 5 forest stands. The area is located in the North Central Sub region of the Central Newfoundland Forest Ecoregion. Operating areas c1006, c1010, c1021, c1022, and c1023 are all adjacent to one another but are accessed through different forest access roads.

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**Harvesting Activities:**

Commercial activity will include pulpwood, sawlog and fuelwood harvesting using chainsaws and mechanical harvesters with extraction by forwarder. A small amount of domestic harvesting could occur once commercial harvesting is completed. This would likely occur in the winter using chainsaws with extraction by snowmobile or ATV.

Proposed 5 year commercial softwood harvest: 40,000 m<sup>3</sup>

Proposed 5 year commercial hardwood harvest: 200 m<sup>3</sup>

Proposed 5 year domestic softwood harvest: 500 m<sup>3</sup>

Proposed 5 year domestic hardwood harvest: 500 m<sup>3</sup>

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**Silviculture Activities:**

Reconnaissance surveys will be carried out on existing and new cutovers and regenerating stands to determine the need for planting and/or thinning. Suitable cutovers that are not satisfactorily regenerated will be candidates for site preparation and planting and/or gap planting and suitable regenerating stands will be candidates for thinning. All potential silviculture areas are identified on the operating area maps as proposed harvest areas, recent cuts and immature stands.

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**Primary Forest Access Road Construction:**

There will be 11 km of new primary road construction that will require 3 proposed stream crossings. 6 km of existing roads will require upgrading.

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**Non Timber Considerations and Mitigations:**

Scheduled Salmon Rivers will be evaluated on a site-by-site basis and buffers will vary in width from 30 -100 meters. A 20 m buffer will be maintained on both sides of any other

rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps. There will be no cutting within 100 meters of Newfoundland Trailway.

There will be no cutting within 100 meters of a cabin development area and 20 meters of a cabin. No forestry activity is to occur within 800 meters of a bald eagle or osprey nest during the nesting season (Mar 15 to July 31) and 200 meters during the remainder of the year. Within protected water supplies, there will be no cutting within 150 meters of the intake pond or stream and no cutting within 75 meters of the main river channel. There will be no cutting within 50 meters of all ponds and streams flowing into the intake pond or stream.

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<b>Operating Area Name:</b> North Twin North	<b>Operating Area #:</b> c1023
<b>NFS Inventory Map #:</b> 5311, 5321, 5322	<b>NTS Map #:</b> 2E/5

**Description of Area:**

This area of crown land is located on the Northern boundary of forest management district (FMD) 10. It is accessed from the south side of Triton highway (Route 380) via the Kippen’s Ridge forest Access road (FMD 9). The south side of the proposed cutting area is bounded by North Twin Lake. The terrain varies from rugged to rolling and it consists of mostly age class 5 and 6 forest stands. The area is located in the North Central Sub region of the Central Newfoundland Forest Ecoregion. Operating areas c1006, c1010, c1021, c1022, and c1023 are all adjacent to one another but are accessed through different forest access roads.

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**Harvesting Activities:**

Commercial activity will include pulpwood, sawlog and fuelwood harvesting using chainsaws and mechanical harvesters with extraction by forwarder. A small amount of domestic harvesting could occur once commercial harvesting is completed. This would likely occur in the winter using chainsaws with extraction by snowmobile or ATV.

- Proposed 5 year commercial softwood harvest: 112,000 m3
- Proposed 5 year commercial hardwood harvest: 500 m3
- Proposed 5 year domestic softwood harvest: 500 m3
- Proposed 5 year domestic hardwood harvest: 500 m3

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**Silviculture Activities:**

Reconnaissance surveys will be carried out on existing and new cutovers and regenerating stands to determine the need for planting and/or thinning. Suitable cutovers that are not satisfactorily regenerated will be candidates for site preparation and planting and/or gap planting and suitable regenerating stands will be candidates for thinning. All potential silviculture areas are identified on the operating area maps as proposed harvest areas, recent cuts and immature stands.

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**Primary Forest Access Road Construction:**

None

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**Non Timber Considerations and Mitigations:**

Scheduled Salmon Rivers will be evaluated on a site-by-site basis and buffers will vary in width from 30 -100 meters. A 20 m buffer will be maintained on both sides of any other rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps. There will be no cutting within 100 meters of Newfoundland Trailway.

There will be no cutting within 100 meters of a cabin development area and 20 meters of a registered legal cabin. No forestry activity is to occur within 800 meters of a bald eagle or osprey nest during the nesting season (Mar 15 to July 31) and 200 meters during the remainder of the year. Within protected water supplies, there will be no cutting within 150 meters of the intake pond or stream and no cutting within 75 meters of the main river channel. There will be no cutting within 50 meters of all ponds and streams flowing into the intake pond or stream.

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<b>Operating Area Name:</b> New Bay Lake Burn Area	<b>Operating Area #:</b> c1024F
<b>NFS Inventory Map #:</b> 7542, 7543, 7544, 6312 6313, 6314, 6323, 6324, 6333, 6334	<b>NTS Map #:</b> 2D/13, 2E/4

**Description of Area:**

This area of crown land is located on the Southern boundary of forest management district (FMD) 10 and is bounded by the TCH (Route 1) and the Town of Grand Falls - Windsor. It is a large commercial fuelwood area that encompasses the Northern Arm protected watersupply area and generally follows the boundaries of the 1986 New Bay Lake Burn. The operating area is within the North Central Subregion of the Central Newfoundland Ecoregion with gentle rolling terrain.

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**Harvesting Activities:**

Commercial activity will include pulpwood, sawlog and fuelwood harvesting using chainsaws and mechanical harvesters with extraction by forwarder. Some tree length timber on steep slopes may be harvested using skidders. A small amount of domestic harvesting could occur once commercial harvesting is completed. This would likely occur in the winter using chainsaws with extraction by snowmobile or ATV. It will primarily be a salvage operation for fuel wood (burnt timber) but any remaining pockets of pulpwood and sawlogs will be utilized where possible.

Proposed 5 year commercial softwood harvest: 30,000 m3  
Proposed 5 year commercial hardwood harvest: 4,000 m3  
Proposed 5 year domestic softwood harvest: 500 m3  
Proposed 5 year domestic hardwood harvest: 500 m3

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**Silviculture Activities:**

Reconnaissance surveys will be carried out on existing and new cutovers and regenerating stands to determine the need for planting and/or thinning. Suitable cutovers that are not satisfactorily regenerated will be candidates for site preparation and planting and/or gap planting and suitable regenerating stands will be candidates for thinning. All potential silviculture areas are identified on the operating area maps as proposed harvest areas, recent cuts and immature stands.

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**Primary Forest Access Road Construction:**

None. Approximately 5 Km of secondary access roads there will be constructed.

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**Non Timber Considerations and Mitigations:**

Scheduled Salmon Rivers will be evaluated on a site-by-site basis and buffers will vary in width from 30 -100 meters. A 20 m buffer will be maintained on both sides of any other

rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps. There will be no cutting within 100 meters of Newfoundland Trailway.

There will be no cutting within 100 meters of a cabin development area and 20 meters of a registered legal cabin. No forestry activity is to occur within 800 meters of a bald eagle or osprey nest during the nesting season (Mar 15 to July 31) and 200 meters during the remainder of the year. Within protected water supplies, there will be no cutting within 150 meters of the intake pond or stream and no cutting within 75 meters of the main river channel. There will be no cutting within 50 meters of all ponds and streams flowing into the intake pond or stream.

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<b>Operating Area Name:</b> Four Mile Lake	<b>Operating Area #:</b> c1024F
<b>NFS Inventory Map #:</b> 5411	<b>NTS Map #:</b> 2E/6

**Description of Area:**

This area of crown land is located along the North-East boundary of forest management district (FMD) 10. It is located within the Point Leamington Protected Watersupply area and is comprised of very rugged and hilly terrain. Most of the commercial timber within the operating area was harvested by commercial contractors in the 1990s. Within the upcoming five year operating plan, commercial fuelwood operators will salvage timber that was not feasible to harvest by the earlier operations. The operating area is located in the North-Central Sub region of the Central Newfoundland Forest Ecoregion.

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**Harvesting Activities:**

Commercial activity will include pulpwood, sawlog and fuelwood harvesting using chainsaws and mechanical harvesters with extraction by forwarder. Some tree length timber on steep slopes may be harvested using skidders. A small amount of domestic harvesting could occur once commercial harvesting is completed. This would likely occur in the winter using chainsaws with extraction by snowmobile or ATV. It will primarily be a salvage operation for fuel wood but any remaining pulpwood and sawlogs will be utilized where possible.

Proposed 5 year commercial softwood harvest: 10,000 m<sup>3</sup>  
Proposed 5 year commercial hardwood harvest: 2,500 m<sup>3</sup>  
Proposed 5 year domestic softwood harvest: 500 m<sup>3</sup>  
Proposed 5 year domestic hardwood harvest: 500 m<sup>3</sup>

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**Silviculture Activities:**

Reconnaissance surveys will be carried out on existing and new cutovers and regenerating stands to determine the need for planting and/or thinning. Suitable cutovers that are not satisfactorily regenerated will be candidates for site preparation and planting and/or gap planting and suitable regenerating stands will be candidates for thinning. All potential silviculture areas are identified on the operating area maps as proposed harvest areas, recent cuts and immature stands.

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**Primary Forest Access Road Construction:**

None.

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**Non Timber Considerations and Mitigations:**

Scheduled Salmon Rivers will be evaluated on a site-by-site basis and buffers will vary in width from 30 -100 meters. A 20 m buffer will be maintained on both sides of any other rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps. There will be no cutting within 100 meters of Newfoundland Trailway.

There will be no cutting within 100 meters of a cabin development area and 20 meters of a registered legal cabin. No forestry activity is to occur within 800 meters of a bald eagle or osprey nest during the nesting season (Mar 15 to July 31) and 200 meters during the remainder of the year. Within protected water supplies, there will be no cutting within 150 meters of the intake pond or stream and no cutting within 75 meters of the main river channel. There will be no cutting within 50 meters of all ponds and streams flowing into the intake pond or stream.

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