

Date: March 27<sup>th</sup>, 2025

**P.E.I.**

**Public Forests**



**Woodlot Management Plan**

**Property Number: 63644**

**Location: Miscouche**

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## **Goals and Management Objectives**

***Forest Management on Prince Edward Island (P.E.I.) means different things to different people. Public Forest Lands are managed for a variety of reasons including timber and non-timber values, wildlife enhancement, soil and water preservation, demonstration techniques, training and recreation and aesthetics.***

The primary goal for management of P.E.I. Public Forest Land is to enhance the overall forest quality. To accomplish this, it may be necessary to remove some of the lower quality trees on the property and nurture those of higher quality. This will in turn improve genetic quality, species distribution and diversity through careful tree selection and natural regeneration. Allowing acceptable growing stock the chance to thrive and provide a seed source for the surrounding areas will ensure that quality natural regeneration has an opportunity to establish. Enhancement or enrichment planting may be necessary in areas where there is inadequate or unsuitable natural regeneration. Trees native to P.E.I. that are suitable to the site conditions will be chosen for any required reforestation on the property. Prescribing treatments in some stands while leaving others untreated will provide for a range of forest types. Converting stands from a single species to multiple species is desirable. This can be accomplished by retaining some of the natural regeneration in areas that have been previously planted and by planned tree selection in stand improvement treatments. Planted and natural stands on the property will be assessed for health and growth of desired species on an on-going basis. This information will be used to determine when and where future treatments will be carried out. Through time, a favourable healthy mixture of short-lived and long-lived species will provide for an abundance of quality forest products, biodiversity, wildlife, and recreational opportunities as well as a range of ecological goods and services (such as clean air and water).

## **Property Overview**

### **Location**

Property # 63644 is located on the Rabbtown Road in the community of Miscouche, P.E.I., (Appendix A). The total area of this property is 25.5 hectares (63 acres) and the midpoint of the property is Latitude N 46.444753 decimal degrees, Longitude W -63.903909 decimal degrees.

### **Past Information**

Local records and previous aerial photography show that the south-east quarter (approximately five hectares) of this property was used for agricultural purposes early in the 20<sup>th</sup> century. Some harvesting of timber also occurred along the northern boundary and throughout the property in the past. By 1968 forest infilling can be seen over these disturbances. To better illustrate this 1935 and 1968 photography can be seen in Appendix B and Appendix C.

### **Property Information**

The information in Appendix D has been taken from the 2020 Corporate Land Use Inventory. An explanation of forestry code meanings can be seen in Appendix E. Any stands that have proposed silvicultural treatment prescriptions are to have on-ground stand assessments completed prior to any work being started. This on-ground assessment information is included in this plan as updated stand tally sheets (Appendix F) and supplements the extrapolated data where applicable. A topographic map of the property shows the general terrain profile, the ranges in elevation and the plantations currently on the property (Appendix G).

### **Wetland and Watercourses**

There are no streams or watercourses on this property. However, the property does have some imperfectly drained soils in sections (Appendix A). A 15 metre buffer zone is to be maintained around any streams or wetlands.

### **Property Access**

There is a small woods trail that provides access through this property from the agricultural field on the adjacent property to the east to the property to the north of this one. This trail is utilized by 4-wheelers but is not currently in good enough condition for other traffic. There are no plans to upgrade this portion or to construct a woodlot road. Ongoing road maintenance would be required to keep any road in a useable condition. This will include keeping the right-of-way clear of any brush or trees, repairing rutting on the road, repairing any wet areas that restrict access, and any other maintenance required to keep this road usable.

Parcel number 63644 is accessed by a legal ROW that crosses from the Rabbittown Rd. through the agricultural land to the south. Adjacent owners should be contacted when crossing the land to maintain “good” relations and to try and plan the timing of access to protect the agricultural land and any crops or crop rotations. Existing roads on the property can be seen on Appendix A

### **Property Boundaries**

This property is bounded on all sides by private land. The northern boundary was cut in the past and is located approximately 20m further south than is shown on available mapping. Some flagging was installed to identify the line location since it is somewhat grown in. The southern boundary was cleared through the woodland.

### **Fire Protection**

This property is located within the jurisdiction of the Miscouche Fire Department. The amount of personnel and equipment used to fight any forest fires will depend greatly upon the size and severity of the fire. Protection of our woodland from forest fire is the responsibility of the Forests, Fish and Wildlife Division and our local community fire brigades. In the Western District, there are four-wheel drive forestry fire trucks housed at the Wellington and West Point Fire Departments. These heavy-duty trucks are available to assist the local fire department responsible for this area. Additional forestry fire trucks, off road tracked vehicles, portable pumps and specialized forest fire suppression equipment are available if needed.

### **Planting and Silviculture**

There are 4 plantations on the property. It is recommended that any trees planted on the property be assessed at regular intervals. These assessments will determine if the planted trees require manual maintenance or fill planting as specified in the ECOSYSTEM-BASED FOREST MANAGEMENT STANDARDS MANUAL (“Eco Manual”). A list of all silviculture treatments completed on the property from 1991 to present is shown in Appendix H.

### **Proposed Treatments**

The 2006 Forest Policy “Moving to Restore a Balance in Island Forests” lays out the framework for Public Land Forest management. The Eco-Manual provides details for prescribed treatments. All work completed on this property must comply with that manual. Although all stands were assessed, only specific stands were prescribed treatments to accomplish goal(s) within the next 10 years. Table 1 provides a summary of these proposed treatments. Proposed treatments may be updated in 5 years,

when the 10-year period expires, or due to unforeseen events. This table will be updated as required when additional treatments are prescribed. For a better understanding of the treatments prescribed, a more detailed explanation is available in the ECOSYSTEM-BASED FOREST MANAGEMENT STANDARDS MANUAL ("Eco Manual")

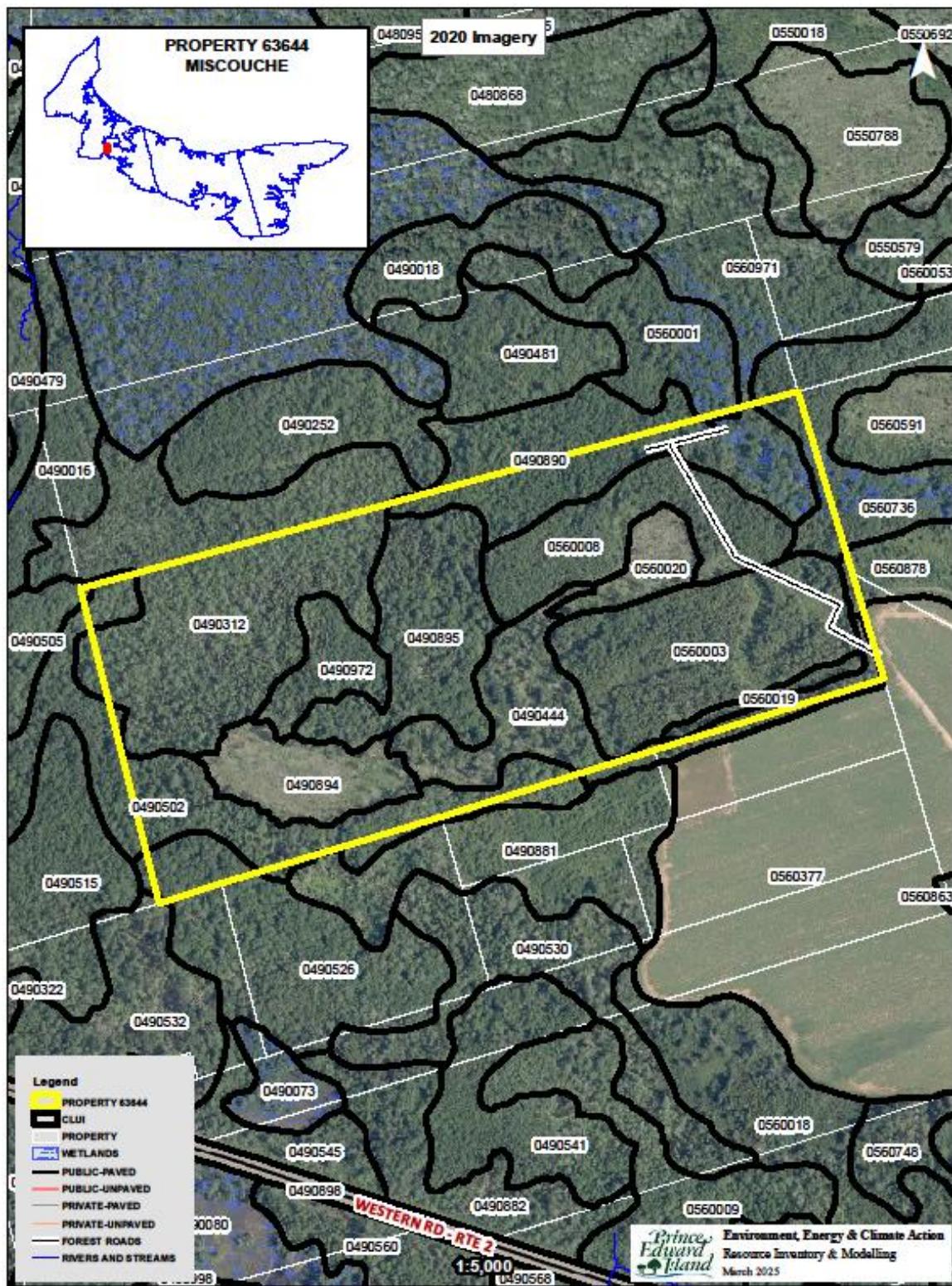
[www.princeedwardisland.ca/sites/default/files/publications/2018\\_eco\\_manual\\_technical\\_version\\_-final.pdf](http://www.princeedwardisland.ca/sites/default/files/publications/2018_eco_manual_technical_version_-final.pdf). Any additional information may be obtained by contacting a Provincial Forest representative at the District Forestry Office in Wellington.

**Table 1. Proposed Treatment Summary.**

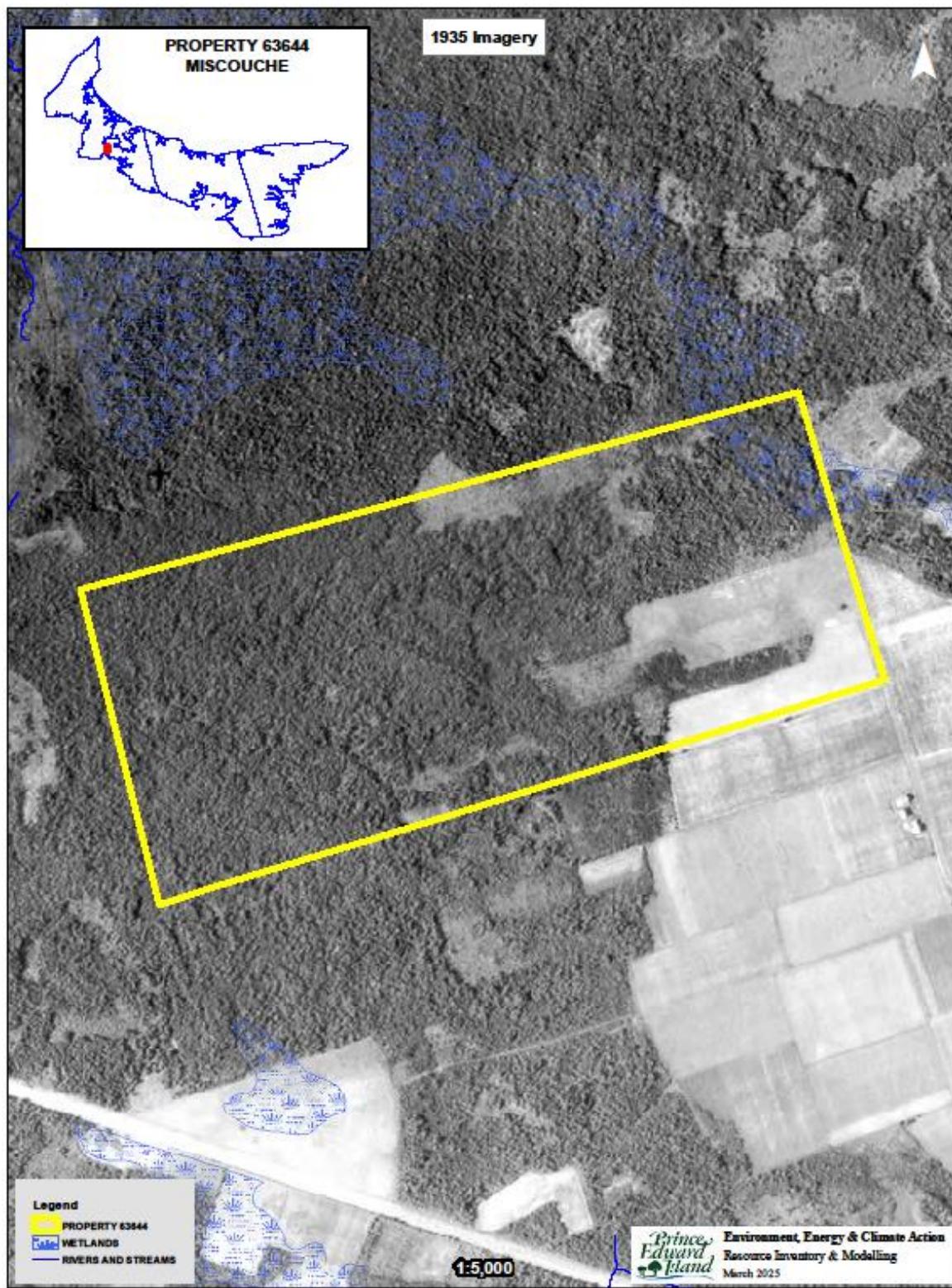
Stand Number and Plantation Number	Treatment Type	Treatment Year	Amount Proposed	2018 Eco-Manual Reference	Comments	Goals
Access	Notify adjacent owner re use of ROW	2025	-	-	*try to time ROW use around crop rotation schedule	Prepare for use of ROW
560020, 0560019, 0490894, PN 3180102, 3180103, 3180101	Manual Maintenance	2025	2.68	Pg. 17	Eliminate undesirable competing vegetation.	Improve growth of crop trees (both planted and naturally regenerating).
0560003 PN 3955001	Combination of Strip Harvest and Block Harvest	2027	3.94	Pg 28 & 30	Harvest to remove GB and to limit GB regeneration	Salvage GB fuel or biomass and create areas for planting, stand improve
0560003 PN 3955001	Manual Site Preparation & Reforestation	2027	3.94	Pg. 14 & Pg. 16	Create microsites for planting and plant with tree species suitable for the site. Natural regeneration of GB will be aggressive. Could plant LA or WS.	Create a quality stand on this area, replace declining GB
0560003 PN 3955001	Manual Maintenance	2030	3.94	Pg. 17	Eliminate undesirable competing vegetation.	Improve growth of crop trees (both planted and naturally regenerating).

## **Appendices**

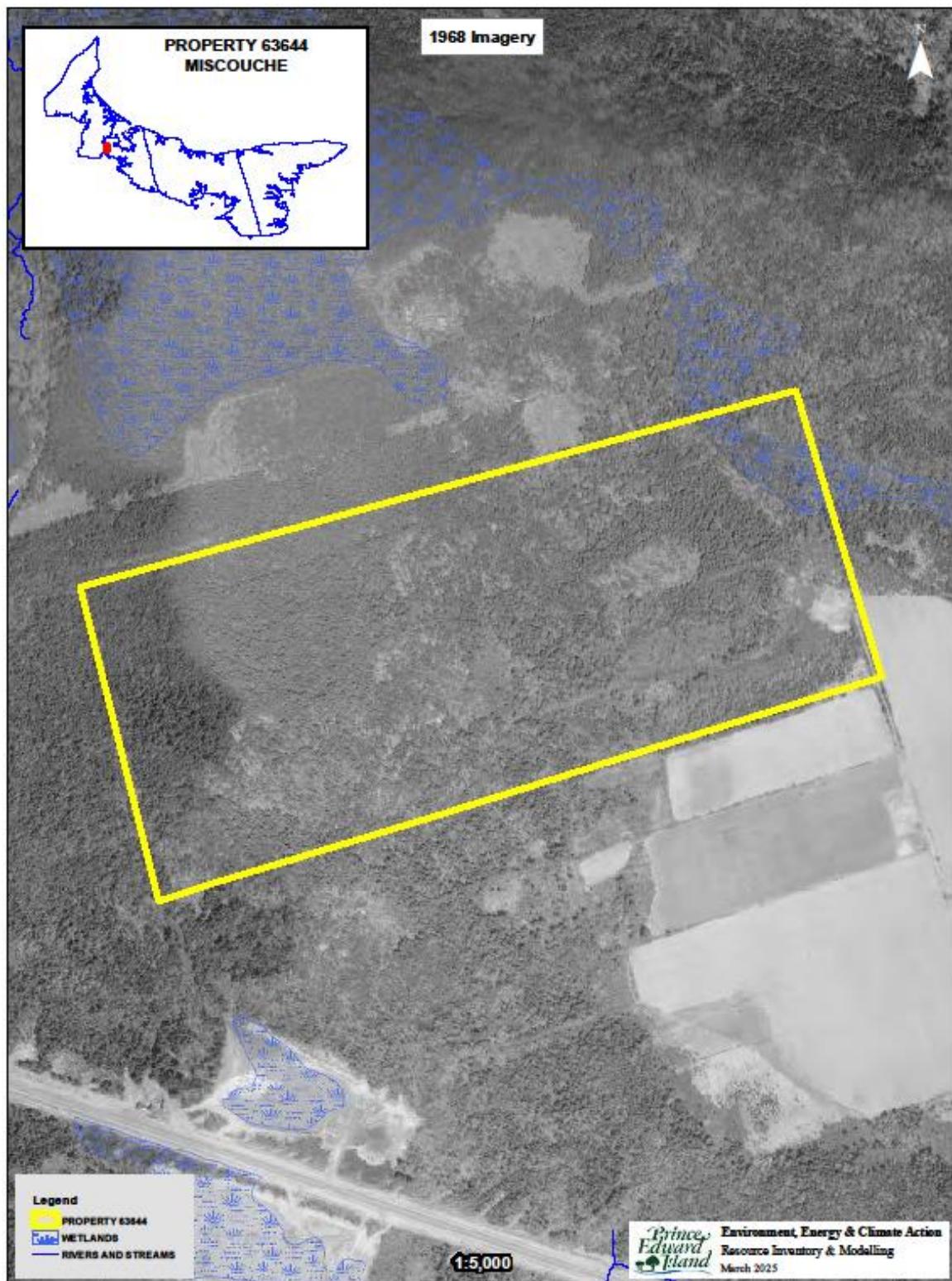
## Appendix A. Map of Property with Locator Map



## Appendix B. 1935 Aerial Photography



## Appendix C. 1968 Aerial Photography



### Appendix D. 2020 Corporate Land Use Inventory

FIELDID	COVER1	PER1	COVER2	PER2	COVER3	PER3	COVER4	PER4	COVER5	PER5	HEIGHT	CROWN	HECTARES	WOODSTOCK
0490312	RM	4	BF	2	BS	2	CE	1	LA	1	14	55	4.40	SWIH
0490444	RM	3	WS	3	PO	2	BF	1	LA	1	17	70	2.40	SWIH
0490502	RM	3	WB	3	BF	2	LA	1	BS	1	14	80	2.28	IHSW
0490505	RM	7	WB	2	BF	1		0		0	14	90	0.01	RMPR
0490526	RM	6	WB	2	YB	1	BF	1		0	15	80	0.52	IHMX
0490890	WB	3	RM	3	BF	2	BS	1	LA	1	10	75	1.28	IHSW
0490894	LA	10		0		0		0		0	0	0	1.60	LAPR
0490895	RM	5	BF	2	WB	1	BS	1	PO	1	17	75	2.87	IHMX
0490972	RM	4	WB	4	BF	2		0		0	10	80	1.00	IHMX
0560001	RM	5	BF	2	WB	2	CE	1		0	14	85	0.02	IHMX
0560003	NS	7	PO	3		0		0		0	14	75	3.94	SWPR
0560008	WB	3	BF	2	PO	2	LA	2	RM	1	13	85	2.57	IHSW
0560019	LA	9	WA	1		0		0		0	0	0	0.31	LAPR
0560020	LA	10		0		0		0		0	0	0	0.77	LAPR
0560736	RM	4	BF	2	PO	2	LA	1	WB	1	14	90	0.48	IHMX
0560878	CC	10		0		0		0		0	3	0	0.07	CC
0560971	RM	5	WB	2	YB	1	WS	1	BF	1	18	85	0.97	IHMX

## Appendix E. Forest Inventory Codes

### EXPLANATION OF FORESTRY CODES:

#### SPECIES

<b>WS</b>	White Spruce	<b>JL</b>	Japanese Larch	<b>WB</b>	White Birch
<b>BF</b>	Balsam Fir	<b>EL</b>	European Larch	<b>PO</b>	Poplar
<b>HE</b>	Hemlock	<b>NS</b>	Norway Spruce	<b>RM</b>	Red Maple
<b>WP</b>	White Pine	<b>PC</b>	Pin Cherry		<b>RO</b> Red Oak
<b>RP</b>	Red Pine	<b>MA</b>	Apple		<b>WA</b> White Ash
<b>JP</b>	Jack Pine	<b>SP</b>	Scots Pine		<b>EM</b> Elm
<b>CE</b>	Cedar	<b>AP</b>	Austrian Pine		<b>GB</b> Gray Birch
<b>LA</b>	Larch	<b>YB</b>	Yellow Birch		<b>AL</b> Alders
<b>BS</b>	Black Spruce	<b>SM</b>	Sugar Maple		<b>LI</b> Linden
<b>RS</b>	Red Spruce	<b>BE</b>	Beech		<b>DT</b> Dead Tree

#### PERCENT

<b>0</b>	1 - 9%	<b>A</b>	91% - 100%
<b>1</b>	10 - 19%	<b>B</b>	81% - 90%
<b>2</b>	20 - 29%	<b>C</b>	71% - 80%
<b>3</b>	30 - 39%	<b>D</b>	61% - 70%
<b>4</b>	40 - 49%	<b>E</b>	51% - 60%
<b>5</b>	50 - 59%	<b>F</b>	41% - 50%
<b>6</b>	60 - 69%	<b>G</b>	31% - 40%
<b>7</b>	70 - 79%	<b>H</b>	21% - 30%
<b>8</b>	80 - 89%	<b>I</b>	11% - 20%
<b>9</b>	90 - 100%	<b>J</b>	0% - 10%

#### ORIGIN AND HISTORY

<b>BR</b> - Burn	<b>DI</b> - Disease-Insect
<b>BD</b> - Blow Down	<b>OF</b> - Old Field
<b>PC</b> - Partial Cut	<b>PN</b> - Plantation
<b>CC</b> - Clear Cut	<b>HR</b> - Hedgerow
<b>TH</b> - Thinning	<b>EP</b> - Excavation Pit

#### SAMPLE DESCRIPTIONS

##### FOREST STAND DESCRIPTIONS

75401 – Stand No.

SM5RM4 – Sugar Maple 50%. Red Maple 40%

WS1 12A – White Spruce 10%. Height. Crown Closure

OF – Origin History Old Field

Stand Numbering relates to the position of the stand within a 100 X 100 grid cell overlay with the minimum values in the southwest corner and the maximum values in the northeast corner.

A stand labeled 75 40 1 would be positioned within easting grid 75 and northing grid 40 and would be the first stand within that grid cell.

#### NON-FOREST LAND TYPES

<b>BO</b>	Bog	<b>AL</b>	Alders
<b>CL</b>	Clear Land	<b>FL</b>	Flowerage
<b>SO</b>	Swamps-Open	<b>AG</b>	Agriculture Land
<b>EP</b>	Excavation Pit	<b>SD</b>	Sand Dune
<b>PL</b>	Power Line	<b>UR</b>	Urban
<b>C</b>	Cemetery	<b>WW</b>	Water

#### FOREST GROUND CONDITIONS

<b>SW</b>	Wet-Swampy
<b>ST</b>	Steep
<b>SY</b>	Sandy

## Appendix F. Stand Tally Sheets from on the Ground Assessment

STAND TALLY SHEET												
CRUISER	J. LeClair		STAND #			PLANTATION #						
PROPERTY #	63644 Miscouche		AREA	2.68	ha	Date	4 /	10 /	2024	D	M	Y
SAMPLE TREE INFORMATION												
Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%	Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%	
1	LA	6	2	2.6	80	4						
2	RM	6	2	3	70	5						
3						6						
STAND INFORMATION												
Stand Basal Area	SW	M <sup>2</sup> /Ha	SWSL	M <sup>2</sup> /Ha	HW	M <sup>2</sup> /Ha	HWSL	M <sup>2</sup> /Ha				
Species and (%)	LA20	%	BF20	%	PO20	%	GB20	%	RM, BS, WS 20%			
Even-aged	X	Uneven-aged						Biomass				
Slope	0 %	Aspect L										
Stand Origin:	Old Field	Partial Cut		Burn		Unploughed						
	Windfall	Non Forest				Ploughed						
	Clear Cut	X	Unknown									
Stand Maturity Class:	Regeneration	X	Immature		Mature		Over-mature					
Stand Stocking:	Understocked		Fully Stocked		X	Overstocked	X	Patchy				
Density:	SW	2,600	HW	3,250								
Advanced Regeneration:	Understocked		Fully Stocked			Overstocked	X	Patchy				
Regeneration:	1. Spp.	LA	Height	2.5 m	2. Spp.	PO	Height	3.2 m				
	3. Spp.	GB	Height	3.0 m	4. Spp.	BS	Height	2.0 m				
GROUND OBSERVATIONS												
Ground Vegetation Species Present:	wild raisin, sheep laurel, bunchberry											
Ground Hemlock	Y / N	X										
Invasive Species Present	Y / N	X	If yes then what species:									
Site Indicators	Y / N	X	If yes then what species:									
ENVIRONMENTAL OBSERVATIONS												
Water Course	N	Bog	Pond	Stream	Seeps	Beaver Present		Y / N				
Drainage:	Poor	Moderate	X	Good	X	Excellent		Erosion Control Required		Y / N		
Snag Trees:	Adequate		Inadequate	X								
Coarse Woody Material:	Adequate	X	Inadequate									
Dens		Nests (Raptors, songbirds, etc.)										
Wildlife Observed	None seen.											
Comments												
STAND PRESCRIPTION												
No Treatment			Regeneration Cut		Crop Tree Release		Block Cut					
Shelterwood Cut			Selection Cut		Patch Cut		Strip Cut					
Commercial Thinning			Afforestation		Site Preparation							
Pre-commercial Thinning			Reforestation		Riparian Zone Mgmt							
Pln. Maint.	X	Y / N	Stems/Ha									
Comments:	Some hardwood competition suppressing LA and BS regeneration. Do a maintenance in the next few years to release crop trees. Keep naturally regenerating RM with good form as a crop tree at time of treatment.											

### STAND TALLY SHEET

CRUISER	L. Stevenson	STAND #	560003	PLANTATION #	3955001(NS, failed!)
PROPERTY #	63644	AREA	3.94 ha	Date	24 / 11 / 2016
				D	M Y

#### SAMPLE TREE INFORMATION

TREE #	SPP.	AGE	D.B.H.	HEIGHT	TREE #	SPP.	AGE	D.B.H.	HEIGHT
1	GB	31	14	13	4				
2	GB	31	13	12	5				
3	RM	31	14	11	6				

#### STAND INFORMATION

Stand Basal Area	SW	M <sup>2</sup> /Ha	SWSL	M <sup>2</sup> /Ha	HW	M <sup>2</sup> /Ha	HWSL	M <sup>2</sup> /Ha
Species and (%)	GB90 %	PO10 %	%	%	RM,LA,			
Even-agec	X	Uneven-aged					Biomass	X
Slope	%	Aspect	L					
Stand Origin:	Old Field	X	Partial Cut		Burn		Unploughed	
	Windfall		Non Forest				Ploughed	X
	Clear Cut	X	Unknown					
Stand Maturity Class:	Regeneration		Immature	X	Mature	X	Over-mature	
Stand Stocking:	Understocked		Fully Stocked	X	Overstocked		Patchy	
Density:	SW		HW	2,500				
Advanced Regeneration:	Understocked		Fully Stocked		Overstocked		Patchy	
Regeneration:	1. Spp.		Height		2. Spp.		Height	
	3. Spp.		Height		4. Spp.		Height	

#### GROUND OBSERVATIONS

Ground Vegetation Species Present:	rough-leaf goldenrod, noted ladder fern, alder, grass, dewberry, wild raisin		
Ground Hemlock	Y / N	X	
Invasive Species Present	Y / N	If yes then what species:	
Site Indicators	Y / N	If yes then what species:	

#### ENVIRONMENTAL OBSERVATIONS

Water Course	Bog	Pond	Stream	Seeps	Beaver Present	Y / N		
Drainage:	Poor	Moderate	X	Good	X	Excellent	Erosion Control Required	Y / N
Snag Trees:	Adequate		Inadequate	X				
Coarse Woody Material:	Adequate		Inadequate					
Dens		Nests (Raptors, songbirds, etc.)						
Wildlife Observed								
Comments	a buffer of older WS left on south hedgerow edge							

#### STAND PRESCRIPTION

No Treatment		Regeneration Cut		Crop Tree Release		Block Cut	X
Shelterwood Cut		Selection Cut		Patch Cut		Strip Cut	X
Commercial Thinning		Afforestation		Site Preparation			
Pre-commercial Thinning		Reforestation	X	Riparian Zone Mgmt			
Pln. Maint.	X Y / N	Stems/Ha					
Comments:	GB dominating, some WF in partial cut section (illegal cut), failed NS plantation, plant LA in future (WA), flag and save all RM content, GB regeneration will be a problem to establish plantation, biomass or low quality fuelwood product (15 cord per acre rough guess), not commercial value, block cut or strip cut but WF will happen in GB, two wide strips, maintain shade to south						

### STAND TALLY SHEET

CRUISER	L. Stevenson	STAND #	560736	PLANTATION #	
PROPERTY #	63644	AREA	0.48 ha	Date	24 / 11 / 2016

D M Y

#### SAMPLE TREE INFORMATION

TREE #	SPP.	AGE	D.B.H.	HEIGHT	TREE #	SPP.	AGE	D.B.H.	HEIGHT
1	RM	65	27	13	4				
2	WB	65	20	13	5				
3					6				

#### STAND INFORMATION

Stand Basal Area	SW	M <sup>2</sup> /Ha	SWSL	M <sup>2</sup> /Ha	HW	M <sup>2</sup> /Ha	HWSL	M <sup>2</sup> /Ha
Species and (%)	RM70 %	WB20 %	%	%	CE,BF,EM,PO			
Even-aged	Uneven-aged	X					Biomass	
Slope	%	Aspect	L					
Stand Origin:	Old Field	Partial Cut	X	Burn		Unploughed	X	
	Windfall	Non Forest				Ploughed		
	Clear Cut	X	Unknown					
Stand Maturity Class:	Regeneration	X	Immature	X	Mature	X	Over-mature	
Stand Stocking:	Understocked	X	Fully Stocked		Overstocked		Patchy	
Density:	SW	HW	750					
Advanced Regeneration:	Understocked		Fully Stocked		Overstocked		Patchy	
Regeneration:	1. Spp.		Height		2. Spp.		Height	
	3. Spp.		Height		4. Spp.		Height	

#### GROUND OBSERVATIONS

Ground Vegetation Species Present:	ground Hemlock, rough rod, ladder fern, interrupted fern, horsetail fern, (noted baneberry)		
Ground Hemlock	X	Y / N	
Invasive Species Present	Y / N	If yes then what species:	
Site Indicators	Y / N	If yes then what species:	

#### ENVIRONMENTAL OBSERVATIONS

Water Course	Y	Bog	Pond	Stream	Seeps	Beaver Present	Y / N
Drainage:	Poor	X	Moderate	Good	Excellent	Erosion Control Required	Y / N
Snag Trees:	Adequate		Inadequate	X			
Coarse Woody Material:	Adequate	X	Inadequate				
Dens		Nests (Raptors, songbirds, etc.)					
Wildlife Observed							
Comments	soft sensitive soils, high water table (some features associated with a wetland)						

#### STAND PRESCRIPTION

No Treatment	X	Regeneration Cut		Crop Tree Release		Block Cut	
Shelterwood Cut		Selection Cut		Patch Cut		Strip Cut	
Commercial Thinning		Afforestation		Site Preparation			
Pre-commercial Thinning		Reforestation		Riparian Zone Mgmt			
Pln. Maint.	Y / N	Stems/Ha					
Comments:	monitor area periodically, illegal patch cut and clearcut approximately 70% of stand, noted blaze to north boundary and identified with ribbon (more south than mapped GIS by around 20m), hardwood stand on imperfectly drained soils, mature hardwoods, some EM noted indicating drainage issues, leave stand to develop naturally via natural regeneration						

### STAND TALLY SHEET

CRUISER	L. Stevenson	STAND #	560008 (E)	PLANTATION #	
PROPERTY #	63644	AREA	1.43 ha	Date	24 / 11 / 2016

D M Y

#### SAMPLE TREE INFORMATION

TREE #	SPP.	AGE	D.B.H.	HEIGHT	TREE #	SPP.	AGE	D.B.H.	HEIGHT
1	BS	37	18	13	4				
2	LA	35	22	13	5				
3					6				

#### STAND INFORMATION

Stand Basal Area	SW	M <sup>2</sup> /Ha	SWSL	M <sup>2</sup> /Ha	HW	M <sup>2</sup> /Ha	HWSL	M <sup>2</sup> /Ha
Species and (%)	BS60 %	LA20 %	BF10 %	%	GB, RM			
Even-aged	X	Uneven-aged					Biomass	
Slope	%	Aspect	L					
Stand Origin:	Old Field	Partial Cut	X	Burn		Unploughed	X	
	Windfall	Non Forest				Ploughed		
	Clear Cut	X	Unknown					
Stand Maturity Class:	Regeneration		Immature	X	Mature	X	Over-mature	
Stand Stocking:	Understocked		Fully Stocked	X	Overstocked		Patchy	
Density:	SW	HW						
Advanced Regeneration:	Understocked	X	Fully Stocked		Overstocked		Patchy	
Regeneration:	1. Spp.	Height		2. Spp.	Height			
	3. Spp.	Height		4. Spp.	Height			

#### GROUND OBSERVATIONS

Ground Vegetation Species Present:	bunchberry, wild raisin, a few sphagnum pockets, kalmia
Ground Hemlock	Y / N X
Invasive Species Present	Y / N
Site Indicators	Y / N

#### ENVIRONMENTAL OBSERVATIONS

Water Course	Bog	Pond	Stream	Seeps	Beaver Present	Y / N
Drainage:	Poor	Moderate	X	Good	Excellent	Erosion Control Required
Snag Trees:	Adequate		Inadequate	X		
Coarse Woody Material:	Adequate		Inadequate	X		
Dens		Nests (Raptors, songbirds, etc.)				
Wildlife Observed						
Comments						

#### STAND PRESCRIPTION

No Treatment	X	Regeneration Cut		Crop Tree Release		Block Cut	
Shelterwood Cut		Selection Cut		Patch Cut		Strip Cut	
Commercial Thinning		Afforestation		Site Preparation			
Pre-commercial Thinning		Reforestation		Riparian Zone Mgmt			
Pln. Maint.	Y / N	Stems/Ha					
Comments:	older to east, strip of large PO by edge, older, youngest by edge of road in old patch cuts						
	no treat at this time, let develop naturally, this stand should maintain wind protection to adjacent stands for regeneration and plantation development (1.43 ha of 2.57 ha stand).						



### STAND TALLY SHEET

CRUISER	L. Stevenson	STAND #	490312, 490895, 0490502, 490526, 490972				
PROPERTY #	63644	AREA	12.35 ha	Date	24 / 11 / 2016	D	M
						Y	

#### SAMPLE TREE INFORMATION

TREE #	SPP.	AGE	D.B.H.	HEIGHT	TREE #	SPP.	AGE	D.B.H.	HEIGHT
1	RM	85	34	15	4				
2	RM	65	24	13	5				
3	CE	65	18	11	6				

#### STAND INFORMATION

Stand Basal Area	SW	M <sup>2</sup> /Ha	SWSL	M <sup>2</sup> /Ha	HW	M <sup>2</sup> /Ha	HWSL	M <sup>2</sup> /Ha
Species and (%)	CE30 %	RM30 %	BS20 %	%	WS,WA			
Even-aged	Uneven-aged	X					Biomass	
Slope %	Aspect	L						
Stand Origin:	Old Field		Partial Cut	X	Burn		Unploughed	X
	Windfall		Non Forest				Ploughed	
	Clear Cut	X	Unknown					
Stand Maturity Class:	Regeneration	X	Immature	X	Mature	X	Over-mature	X
Stand Stocking:	Understocked		Fully Stocked		Overstocked		Patchy	X
Density:	SW	750	HW	250				
Advanced Regeneration:	Understocked		Fully Stocked	X	Overstocked		Patchy	
Regeneration:	1. Spp. CE		Height	1.5	2. Spp. LA		Height	1.5
	3. Spp.		Height		4. Spp.		Height	

#### GROUND OBSERVATIONS

Ground Vegetation Species Present:	ground hemlock, sphagnum, dewberry, kalmia, blue felt lichen
Ground Hemlock	X Y / N
Invasive Species Present	Y / N
If yes then what species:	
Site Indicators	X Y / N
If yes then what species:	sphagnum - wet site

#### ENVIRONMENTAL OBSERVATIONS

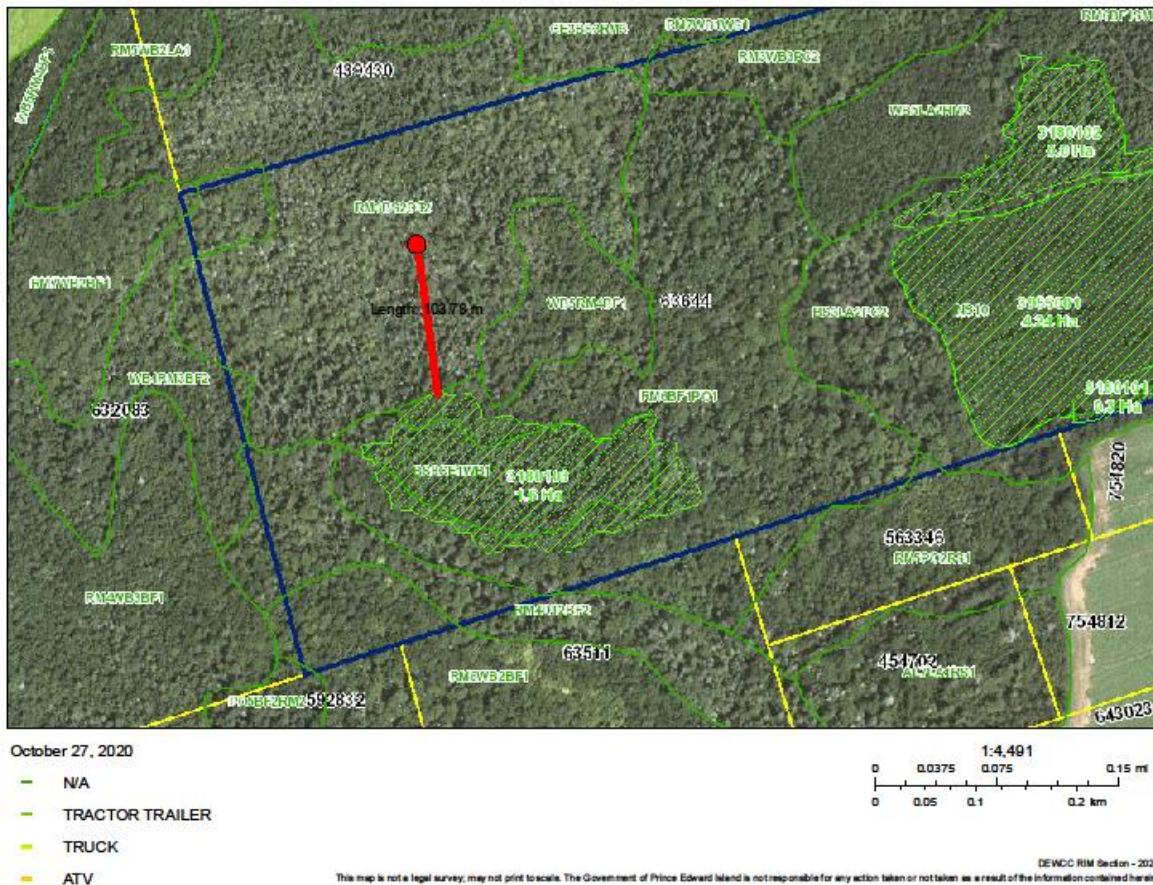
Water Course	Bog	Pond	Stream	Seeps	Beaver Present	Y / N
Drainage:	Poor	X	Moderate	Good	Excellent	Erosion Control Required
Snag Trees:	Adequate	X	Inadequate			
Coarse Woody Material:	Adequate	X	Inadequate			
Dens		Nests (Raptors, songbirds, etc.)				
Wildlife Observed						

Comments dead CE in portions, many small diameter. Blue felt lichen observed in 490312

#### STAND PRESCRIPTION

No Treatment	X	Regeneration Cut		Crop Tree Release		Block Cut	
Shelterwood Cut		Selection Cut		Patch Cut		Strip Cut	
Commercial Thinning		Afforestation		Site Preparation			
Pre-commercial Thinning		Reforestation		Riparian Zone Mgmt			
Pln. Maint.	Y / N	Stems/Ha					
Comments:	leave this area to develop naturally, northeast corner is large open stand, scattered RM and BS, CE throughout and dead CE, leave all natural, soft sensitive soils, poor drainage, included 35 year old patch of immature CE and LA, marked boundary with ribbon, small cut infringing to the north line, 490895 is same open RM with lesss CE, alder under, sensitive soils, one access strip cut to swd.						

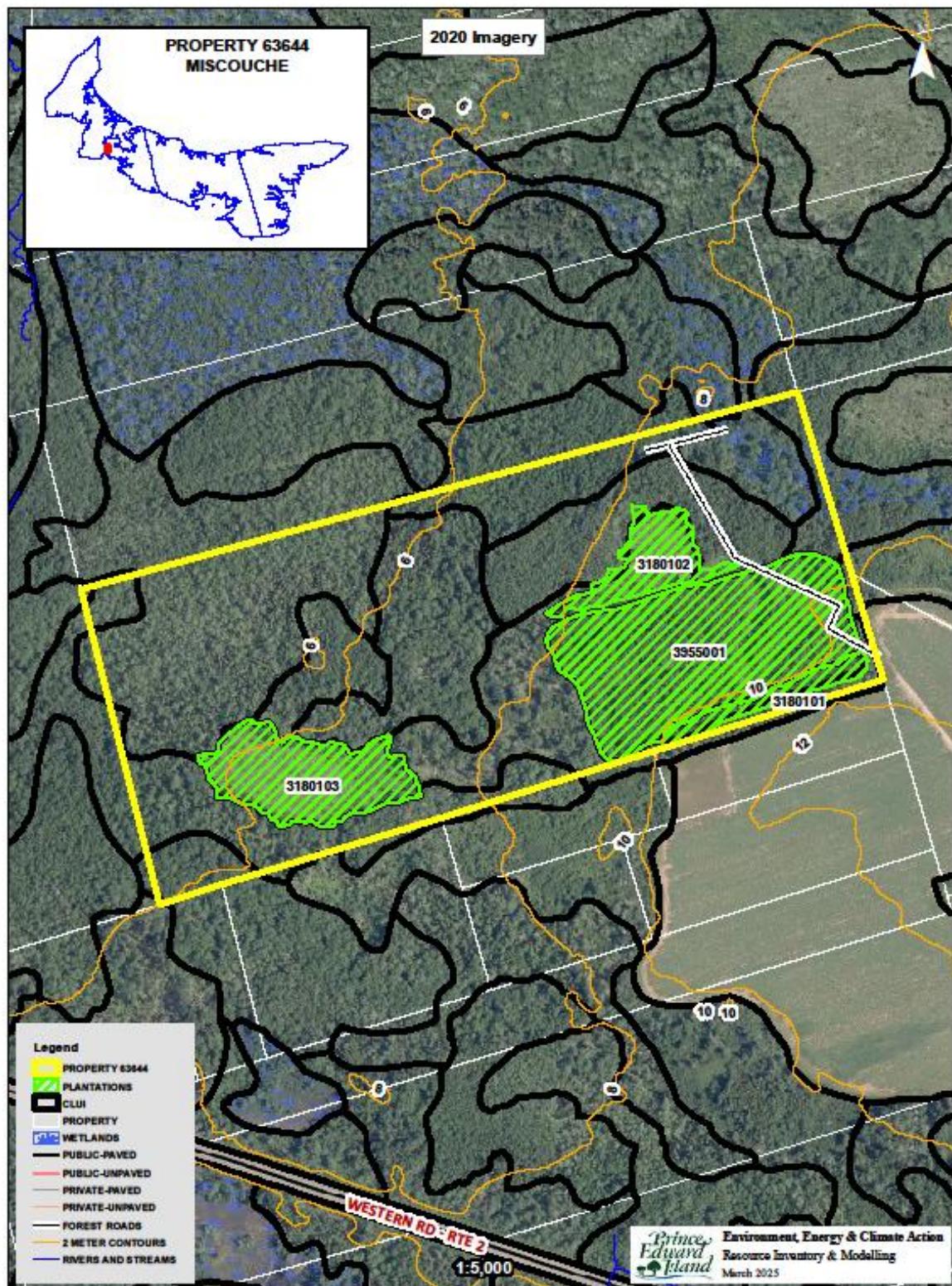
### Blue Felt Lichen (PP#63644, Miscouche)



For more information on Blue felt lichen, a species of special concern, see the link below:

[Blue felt lichen \(Degelia pluhttps://www.canada.ca/en/environment-climate-change/services/species-risk-public-registry/cosewic-assessments-status-reports/blue-felt-lichen-2010.htmlmbea\): COSEWIC assessment and status report 2010 - Canada.ca](https://www.canada.ca/en/environment-climate-change/services/species-risk-public-registry/cosewic-assessments-status-reports/blue-felt-lichen-2010.htmlmbea)

## Appendix G. Plantation Map with Contour Lines



**Appendix H. Work Completed**

<b>Activity Number</b>	<b>Treatment Code</b>	<b>Amount Completed</b>	<b>Treatment Date</b>	<b>Treatment Description</b>
0	14	1.8	8/6/1992	Boundary Line Establishment
3945181	25B	4.3	10/29/1993	Chemical Broadcast
3955001	29	4.3	8/1/1994	Raking Crawler Tractor-Root Rake:per Ha
3180101	30B	455	6/25/2018	Manual Site Preparation per Site (Hawk)
3180102	30B	1170	6/25/2018	Manual Site Preparation per Site (Hawk)
3180103	30B	2275	6/25/2018	Manual Site Preparation per Site (Hawk)
3180101	30B	45	10/10/2018	Manual Site Preparation per Site (Hawk)
3180103	59W	2275	6/25/2018	EASTERN LARCH - WESTERN
3180102	59W	1170	6/25/2018	EASTERN LARCH - WESTERN
3955001	59W	9765	5/31/1995	EASTERN LARCH - WESTERN
3180101	59W	455	6/25/2018	EASTERN LARCH - WESTERN
3180101	65WI	45	10/10/2018	INTERPLANT WHITE ASH - WESTERN
	92	5.6	4/1/2018	Clearcut Block
0	92	1.4	12/21/1992	Clearcut Block