

Date: March 27th, 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 Rabbittown 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 20th 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 . Any additional information may be obtained by contacting a Provincial Forest

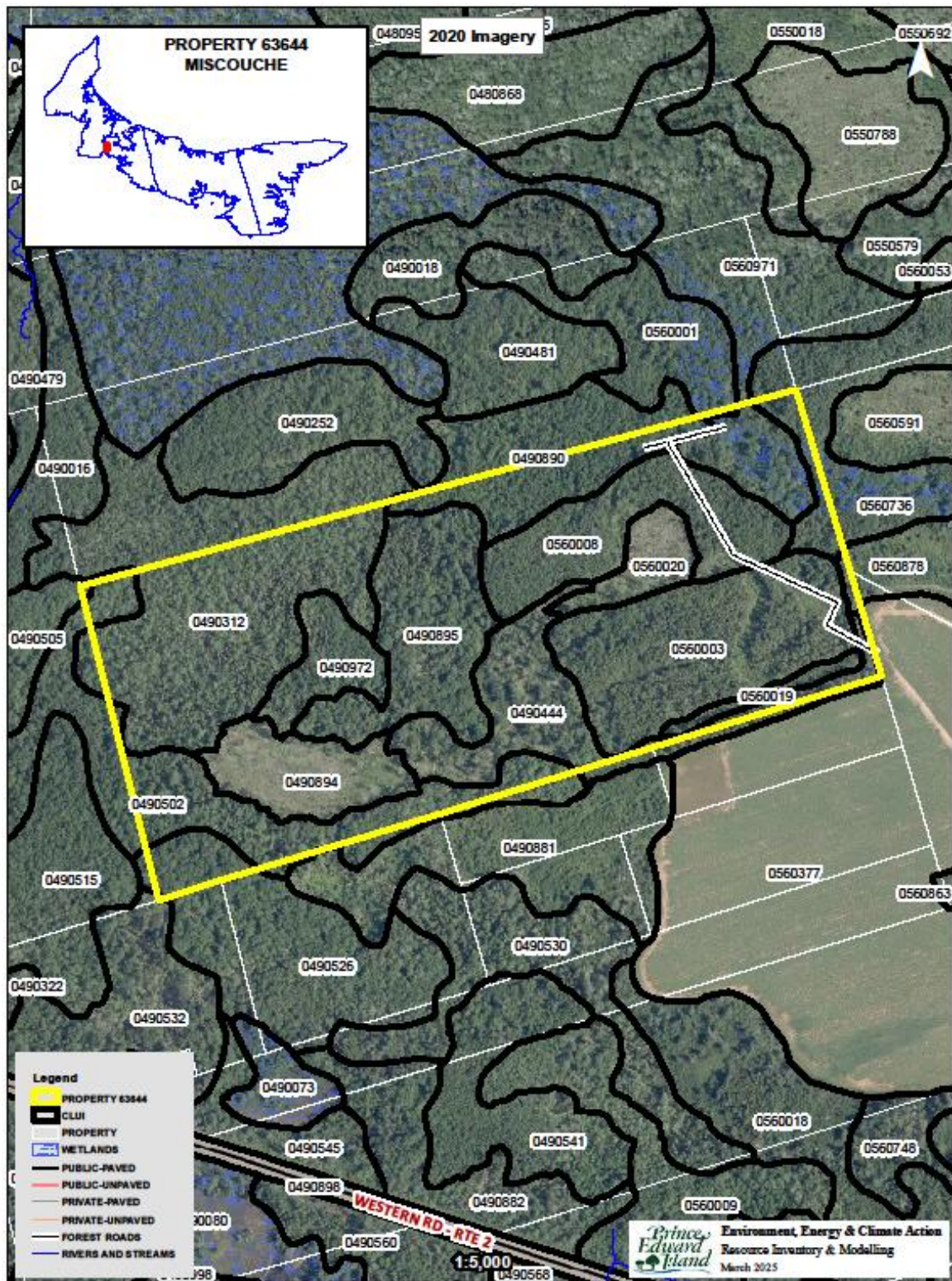
representative at the District Forestry Office in Wellington.

Table 1. Proposed Treatment Summary.

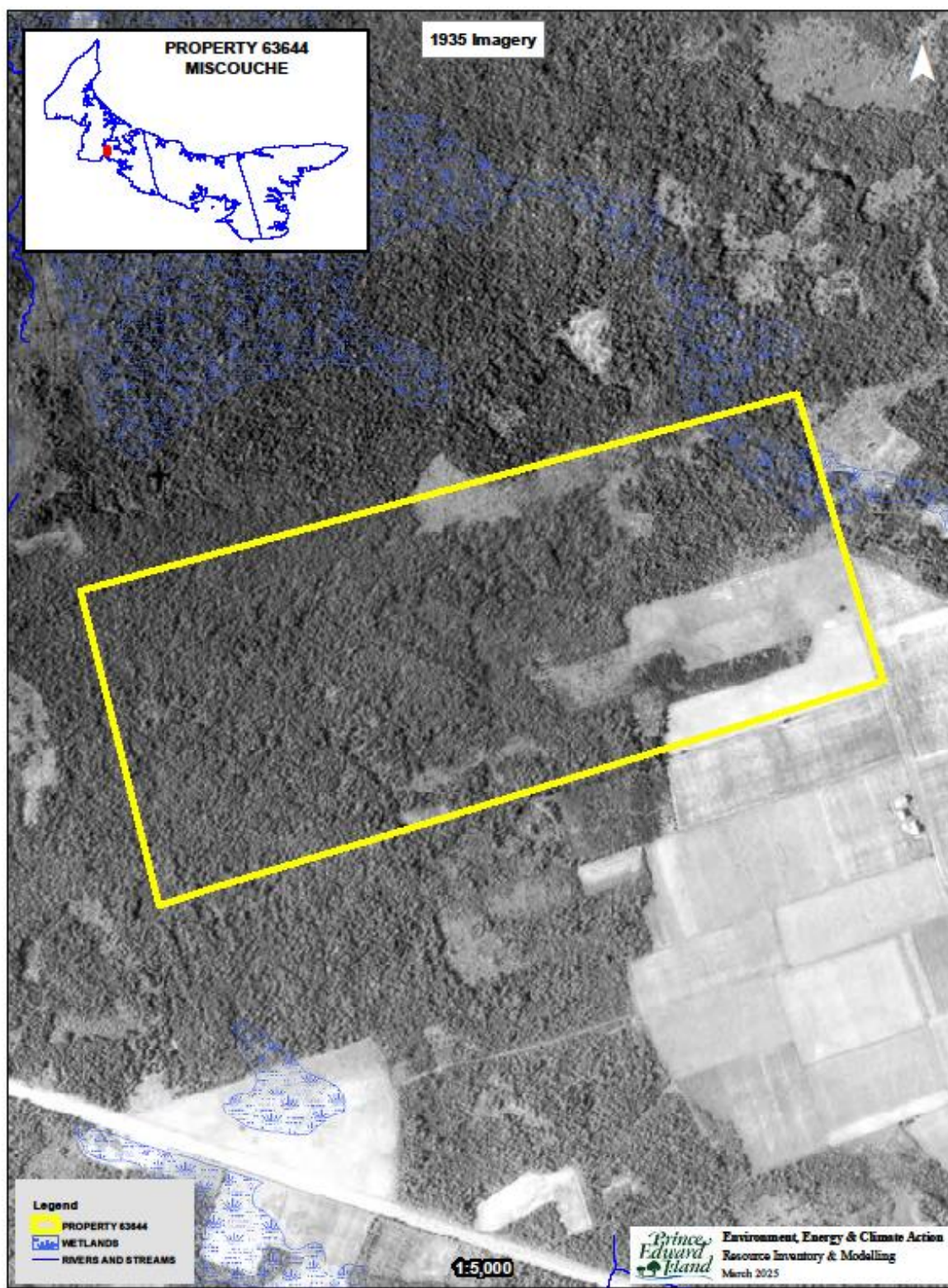
Stand Number and Plantation Number	Treatment Type	Treatment Year	Amount Proposed	2018 Eco-Manual Reference	Comments	Goals
Access	Notify adjacent owner re use of ROW	2025	-	-	*try to time ROW use around crop rotation schedule	Prepare for use of ROW
560020, 0560019, 0490894, PN 3180102, 3180103, 3180101	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

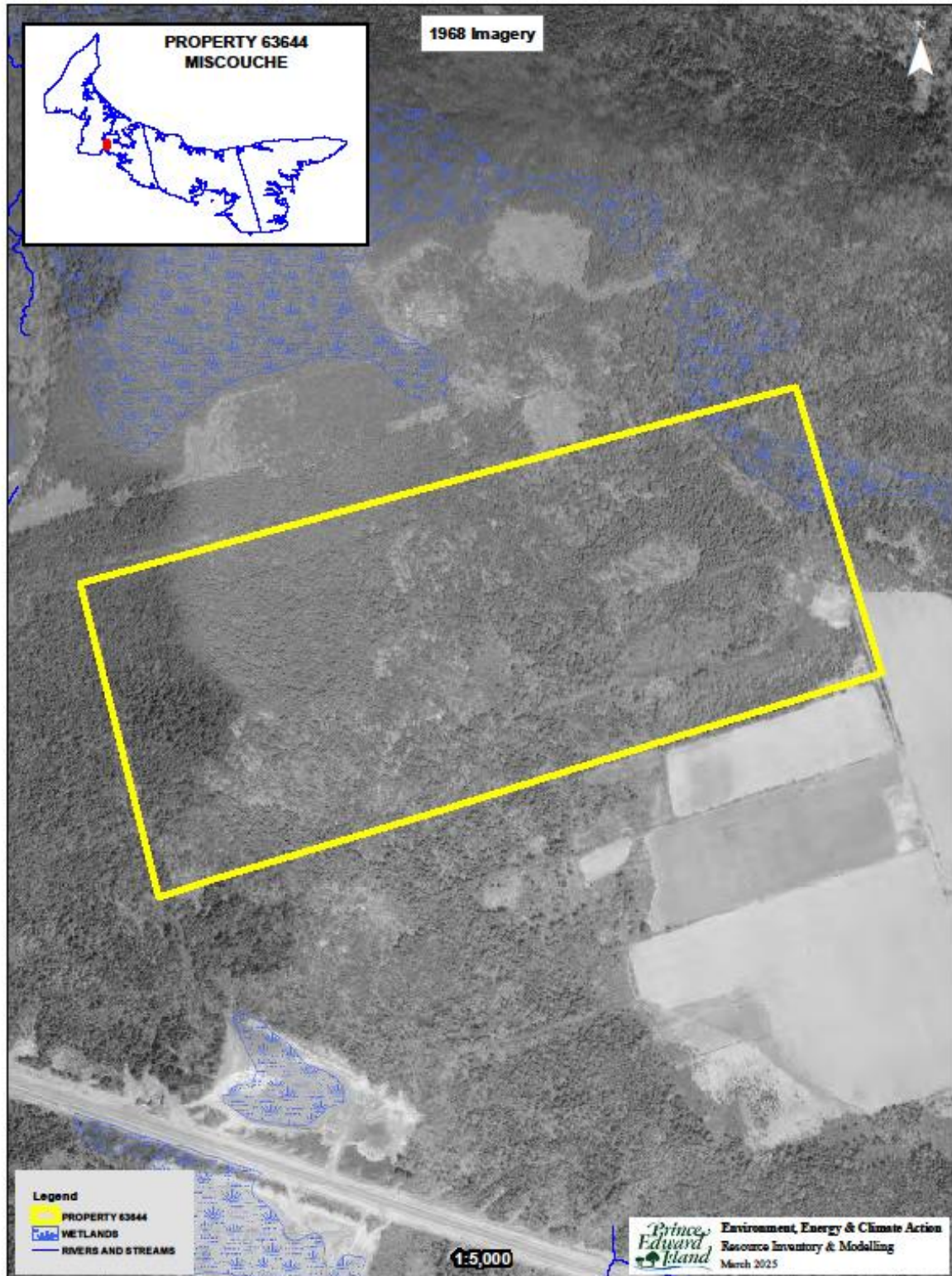
Appendix A. Map of Property with Locator Map



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

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

PERCENT

0	1 - 9%
1	10 - 19%
2	20 - 29%
3	30 - 39%
4	40 - 49%
5	50 - 59%
6	60 - 69%
7	70 - 79%
8	80 - 89%
9	90 - 100%

CROWN CLOSURE

A	91% - 100%
B	81% - 90%
C	71% - 80%
D	61% - 70%
E	51% - 60%
F	41% - 50%
G	31% - 40%
H	21% - 30%
I	11% - 20%
J	0% - 10%

ORIGIN AND HISTORY

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

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

FOREST GROUND CONDITIONS

SW	Wet-Swampy
ST	Steep
SY	Sandy

Appendix F. Stand Tally Sheets from on the Ground Assessment

STAND TALLY SHEET												
CRUISER		J. LeClair		STAND # 560020, 560019, 0490894			PLANTATION # 3180102, 3180101, 3180103					
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 ² /Ha		SWSL	M ² /Ha		HW	M ² /Ha		HWSL	M ² /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 ² /Ha	SWSL		M ² /Ha	HW		M ² /Ha	HWSL		M ² /Ha		
Species and (%)	GB90	%	PO10	%		%	RM,LA,							
Even-aged	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													

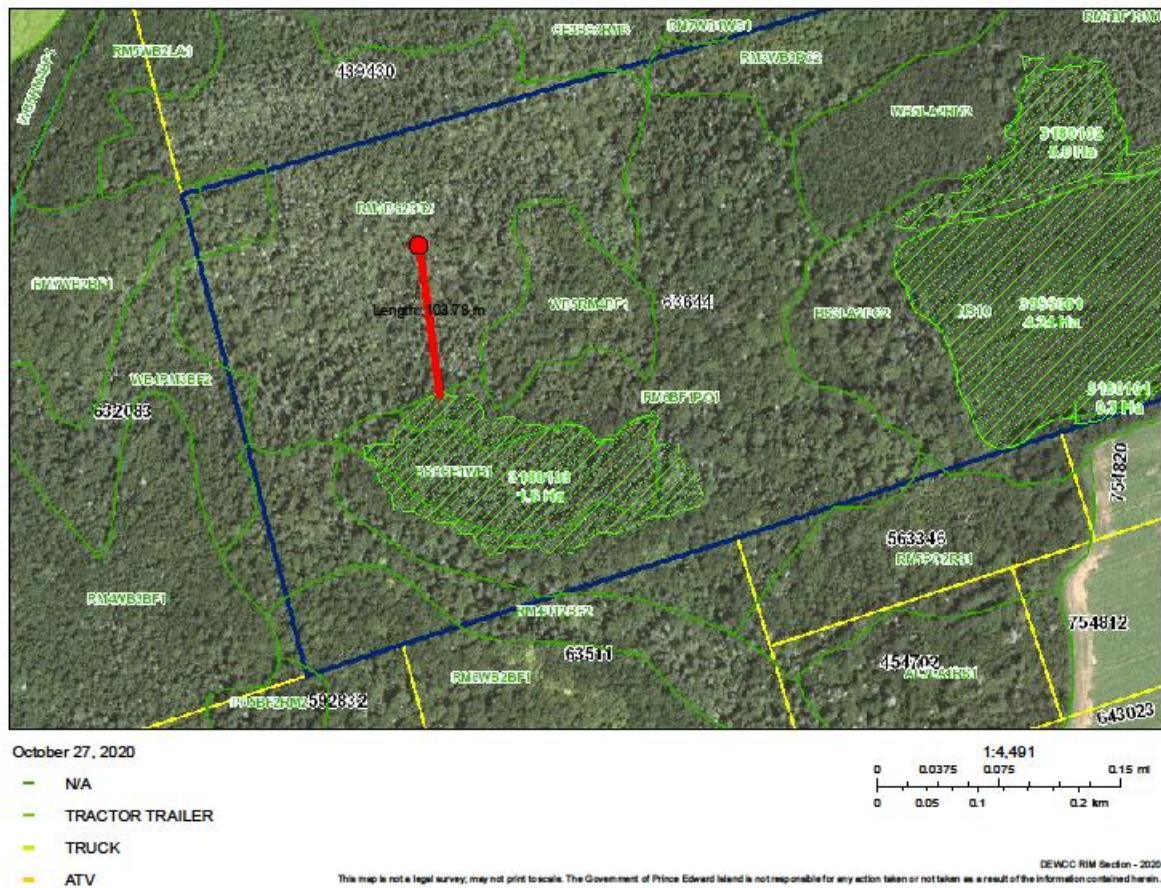
STAND TALLY SHEET											
CRUISER	L. Stevenson			STAND #	560736		PLANTATION #				
PROPERTY #	63644			AREA	0.48	ha	Date	24 /	11 /	2016	
								D	M	Y	
SAMPLE TREE INFORMATION											
TREE #	SPP.	AGE	D.B.H.	HEIGHT			TREE #	SPP.	AGE	D.B.H.	HEIGHT
1	RM	65	27	13			4				
2	WB	65	20	13			5				
3							6				
STAND INFORMATION											
Stand Basal Area	SW		M ² /Ha	SWSL		M ² /Ha	HW		M ² /Ha	HWSL	M ² /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 ² /Ha		SWSL	M ² /Ha		HW	M ² /Ha		HWSL	M ² /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				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 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 # 560008 (W)		PLANTATION #							
PROPERTY #		63644		AREA		1.14 ha		Date		21 / 2 / 2017			
								D		M		Y	
SAMPLE TREE INFORMATION													
TREE #	SPP.	AGE	D.B.H.	HEIGHT		TREE #	SPP.	AGE	D.B.H.	HEIGHT			
1	PO		13	12		4	LA		12	11			
2	RM		13	10		5							
3	GB		14	12		6							
STAND INFORMATION													
Stand Basal Area		SW	M ² /Ha		SWSL	M ² /Ha		HW	M ² /Ha		HWSL	M ² /Ha	
Species and (%)		PO30 %	LA20 %	GB30 %	RM10 %	BF, WB							
Even-aged X		Uneven-aged		Biomass X									
Slope		%	Aspect	L									
Stand Origin:		Old Field		Partial Cut		Burn		Unploughed					
		Windfall		Non Forest		Ploughed							
		Clear Cut X		Unknown									
Stand Maturity Class:		Regeneration		Immature X		Mature		Over-mature					
Stand Stocking:		Understocked		Fully Stocked		Overstocked X		Patchy					
Density:		SW	1000	HW	9,000								
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:		wild raisin noted (snow cover)											
Ground Hemlock		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		Bog		Pond		Stream		Seeps		Beaver Present		Y / N	
Drainage:		Poor		Moderate X		Good		Excellent		Erosion Control Required		Y / N	
Snag Trees:		Adequate		Inadequate X									
Coarse Woody Material:		Adequate		Inadequate X									
Dens		Nests (Raptors, songbirds, etc.)											
Wildlife Observed		snowshoe hare tracks											
Comments		dense low cover											
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 to develop at this point, not enough quality to warrant precommercially thinning, let natural dominance develop, some coppice RM in stand (long-lived species so should provide some stability in stand into the future), old clearcut (1.14 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 ² /Ha	SWSL		M ² /Ha	HW		M ² /Ha	HWSL		M ² /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	Y / N		
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.												

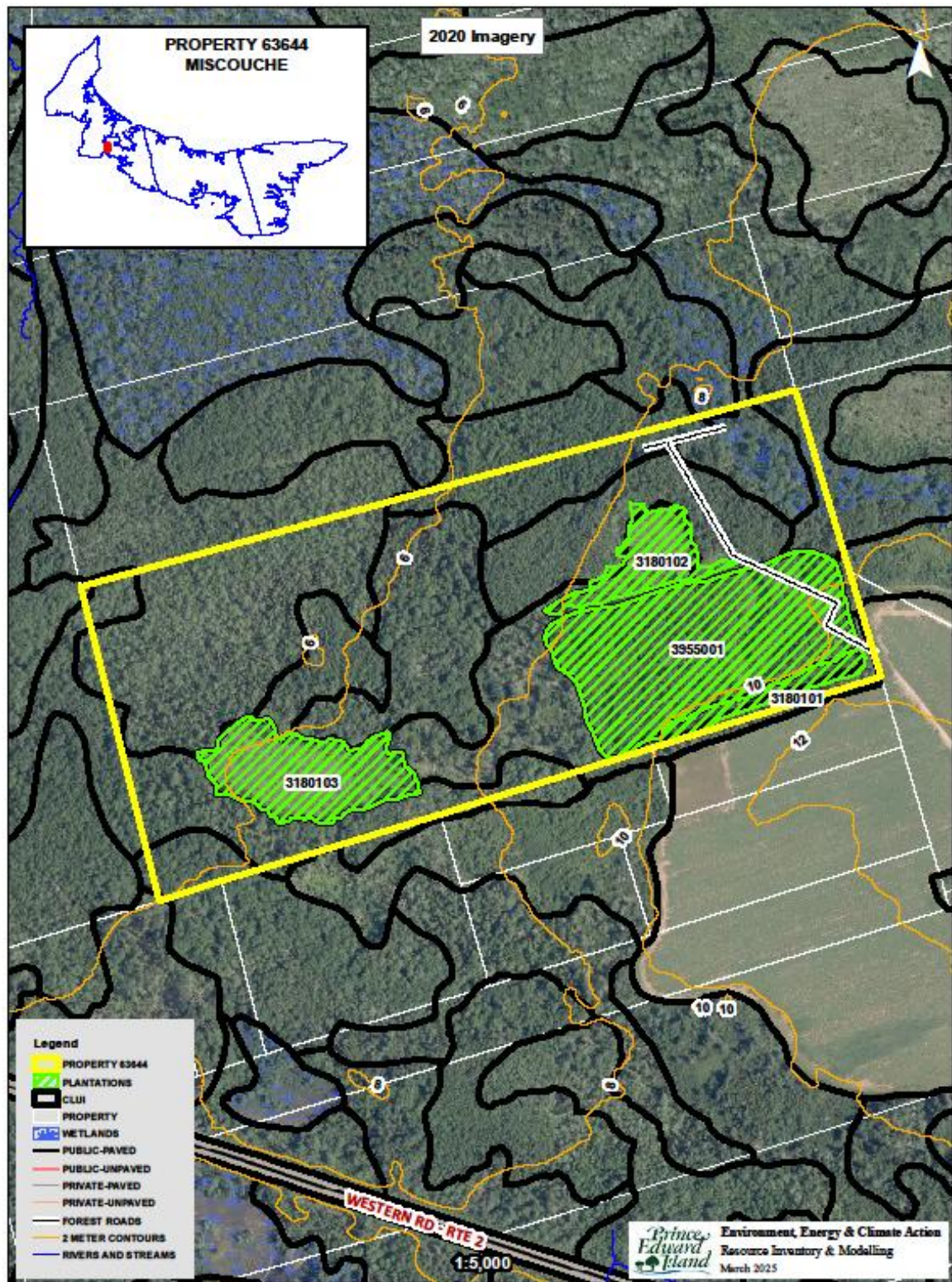
Blue Felt Lichen (PP#63644, Miscouche)



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

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

Appendix G. Plantation Map with Contour Lines



Appendix H. Work Completed

Activity Number	Treatment Code	Amount Completed	Treatment Date	Treatment Description
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