Date: December 1, 2025

P.E.I.

Public Forests

Woodlot Management Plan

Property Number: 16162

Location: Brockton

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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 # 16162 is located between the Dock Road, Route #150 and the Blanchard Road in the community of Brockton, P.E.I., (Appendix A). The total area of this property is 10 hectares (25 acres) and the midpoint of the property is Latitude N 46.80201 decimal degrees, Longitude W -64.21352 decimal degrees.

Past Information

Local records and previous aerial photography show that the majority of this property was utilized for agricultural purposes in the early 20th century. 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 two tributaries located on this property, identified as the Little Miminegash River. The water flows from east to west and south to north, and these tributaries eventually flow into the Little Miminegash Pond. This observation can be viewed in Appendix A.

Property Access

There are no wood roads located on this property. Access to the north can be obtained directly from the Dock Road, and the south can be accessed directly from the Blanchard Road. Refer to Appendix A.

Property Boundaries

This property is bounded on the north by the Dock road and on the south by the Blanchard road. The east and west are bounded by private land.

Fire Protection

This property is located within the jurisdiction of the Alberton 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. The northernmost stream that flows through this property would be a suitable site to set up a portable fire pump system.

Planting and Silviculture

There are four 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. Refer to the tally sheets for more information on the state of plantations.

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.

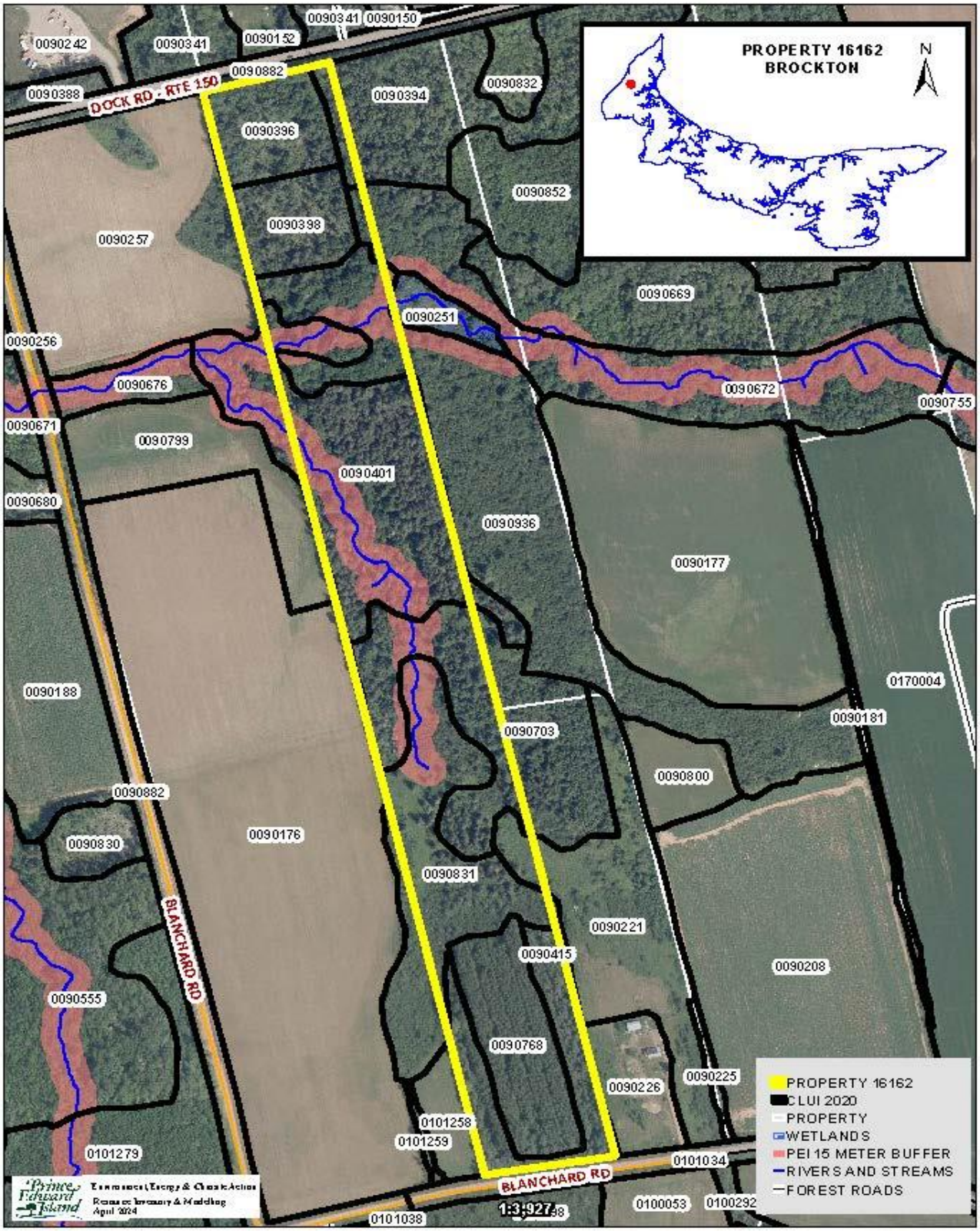
Table 1. Proposed Treatment Summary.

Stand Number and Plantation Number	Treatment Type	Treatment Year	Amount Proposed	2018 Eco- Manual Reference	Comments	Goals
Road	Road construction Class (1,2,3)	2026	1000m	pg 9	Limited access to central portion of property	Provide access to the property for wood removal and continued management.
	Road maintenance	all	1000m	Pg 12	Grade, shale,ditch,brush road as required	Maintain road access
Water Course Crossing	Culvert installation	2026	1	Pg 12	A roadside culvert is needed for access to property	Enable future access for forest management
	Bridge installation	2026	1	Pg 12	Low swale with meandering waterflow coordinates -64.21458 46.80458 Degrees	Provide road access over watercourse
ST 90396, PN 3881613 & ST 90398, PN 3881612	Manual Site Preparation	2026	1.64	pg 14	Prepare microsites for planting	Create plantable sites to increase plantation succuss
	Enrichment Planting	2026	1.64	pg 17	Plant openings with ecologically suitable species (e.g. WP, WS, RO,YB,SM)	Reforest stand with a diverse planting structure
	Manual maintenance	2028	1.64	pg 17	Eliminate unwanted species that are competing with crop trees. Crop trees include planted stems and favourable natural regenerating stems	Increase growth rate & succession of crop trees while maintaining diversity

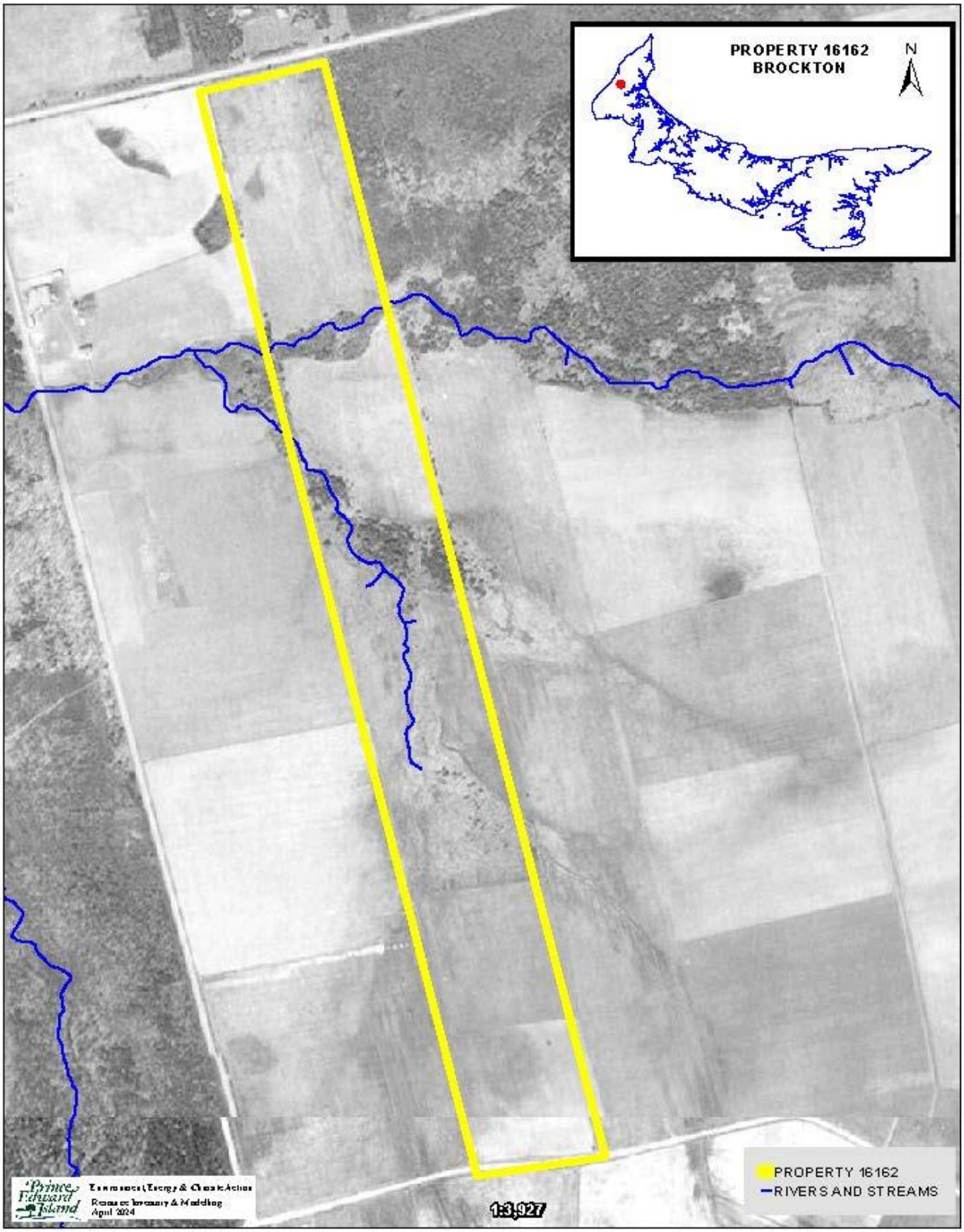
ST 90768, PN 3150052, PN 3881611 & ST 90415	Fill Planting	2026	2.25	pg 16	Fill plant openings from the 2015 enrichment planting (WP,RO,RS,YB,SM,EH)	Establish a second cohort in openings beneath the 1988 RP PN
	Manual maintenance	2029	2.25	pg 17	Eliminate unwanted species that are competing with crop trees. Crop trees include planted stems and favourable natural regenerating stems	Increase growth rate & succession of crop trees while maintaining diversity
ST 90401	Block Harvest	2027	2.6	pg 30	Remove mature softwoods in decline and retain tolerant hardwoods and seed trees where possible. Stand is showing signs of decline low % LCR and windfall. Salvage while merchantable.	Salvage mature Softwood and declining timber.
	Manual Site Preparation	2027	2.6	pg 14	Prepare microsites for planting	Create plantable sites to increase plantation succuss
	Full plant	2027	2.6	pg 16	Plant species that are ecologically suited for the site. Such as WS, LA, BS, WP, YB, RM, WA,CE,RO	Reforest the stand to supplement natural regeneration
	Manual plantaion maintanance	2030	2.6	pg 17	Eliminate unwanted species that are competing with crop trees. Crop trees include planted stems and favourable natural regenerating stems	Increase growth rate & succession of crop trees while maintaining diversity

Appendices

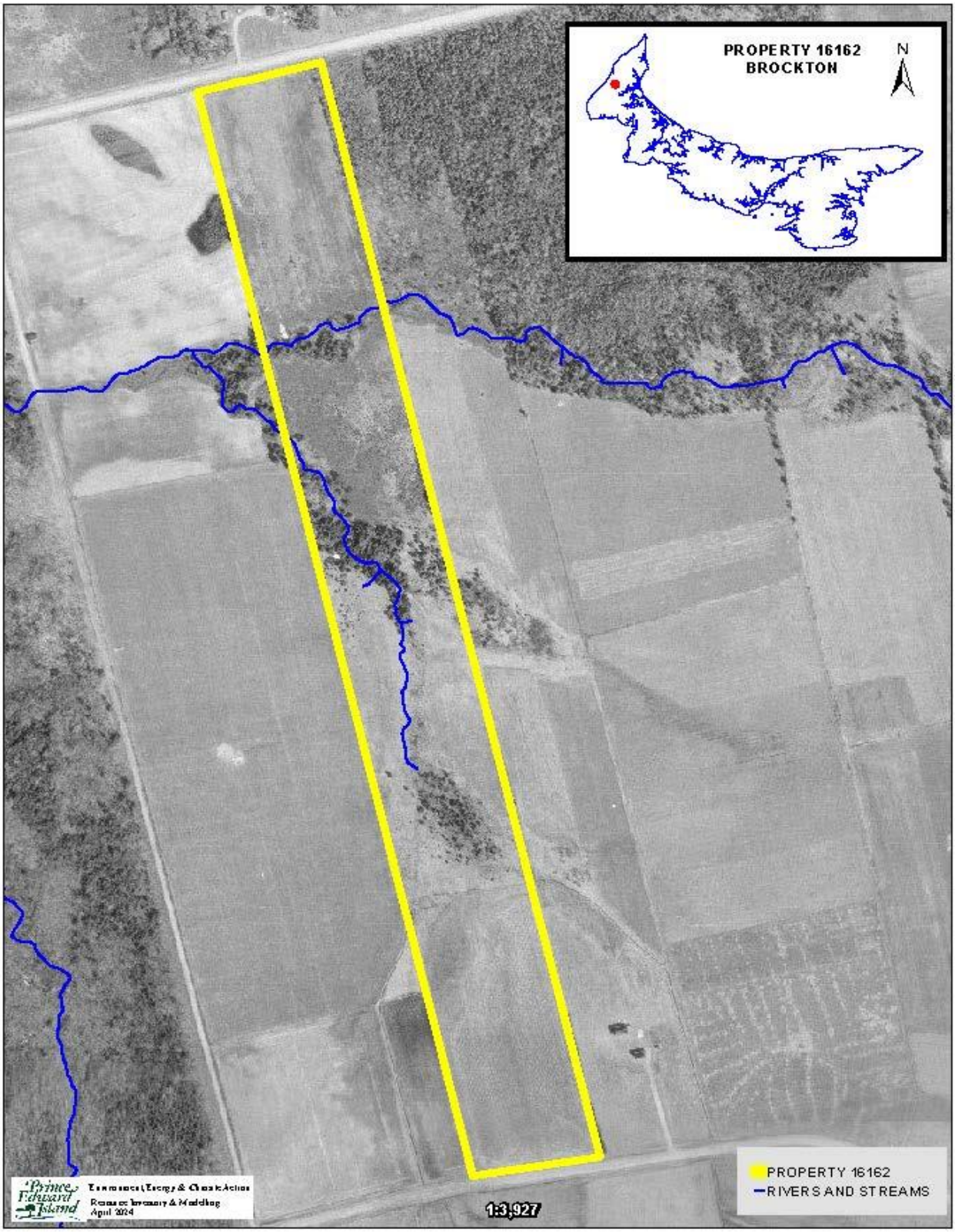
Appendix A. Map of Property with Locator Map



Appendix B. 1935 Aerial Photography



Appendix C. 1968 Aerial Photography



Appendix D. 2020 Corporate Land Use Inventory

2020 INVENTORY

FIELDID	LANDUSE	SUBUSE	COVER1	PER1	COVER2	PER2	HEIGHT	HISTORY2	HECTARES	DEV_STAGE	WOODSTOCK	COUNTY	INFO	COVERTYPE	LDR_HGT	Fuel_Code
0090394	FOR		RS	4.00	RM	2.00	17.00		0.15	M	RS	PRINCE	RS4RM2WS2	SH	17.10	C2
0090396	FOR	PN	RM	4.00	WB	3.00	12.00	PN-88	0.85	Y	IHMX	PRINCE	RM4WB3LA3	HS	16.10	C6
0090398	FOR	PN	BS	4.00	WB	3.00	12.00	PN-88	0.79	Y	IHSW	PRINCE	BS4WB3RM3	HS	15.40	C6
0090401	FOR		WS	7.00	BF	1.00	16.00		2.60	M	WSPR	PRINCE	WS7BF1PO1	SS	17.80	C2
0090415	FOR	PN	WP	8.00	WS	2.00	9.00	PN-88	0.98	Y	WP	PRINCE	WP8WS2	SS	14.60	C6
0090936	FOR		AL	7.00	WB	1.00	4.00		0.88	Y	ALPR	PRINCE	AL7WB1RM1	HH	9.30	D2
0090672	FOR		RM	3.00	PO	2.00	19.00		0.08	M	IHMX	PRINCE	RM3PO2YB2	HH	17.90	D2
0090703	FOR		WS	4.00	LA	3.00	9.00		1.43	Y	SWMX	PRINCE	WS4LA3AL2	SS	13.40	C2
0090768	FOR	PN	WP	10.00		0.00	9.00	PN-88	1.27	Y	WP	PRINCE	WP10	SS	14.70	C6
0090831	FOR		AL	8.00	LA	1.00	4.00		1.63	Y	ALPR	PRINCE	AL8LA1WS1	HH	8.90	D2

PLANTATIONS

FIELDID	PLANTATIO	LANDUS	SUBUSE	COVER1	PER1	COVER2	PER2	HEIGHT	CROWN	HISTORY2	HECTARES	PROPERTY	TOTALPLANT	SPECIES1	PLANTED1
009457	3881612	FOR	PN	AL	5	BS	5	2	60	PN-88	0.79	16162	2159	BS	2159
009470	3881613	FOR	PN	AL	6	LA	4	4	85	PN-88	0.92	16162	1308	LA	1308
	3150052	FOR	PN	WP	10		0	0	0	PN-15	1.27	161621	1040	WP	10400

Appendix E. Forest Inventory Codes

EXPLANTATION 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 Male 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	Mac Buchanan	STAND #	ST 90415, ST 90768	PLANTATION # _	3150052
PROPERTY #	16162	AREA	2.25 ha	Date	27 / 11 / 2025 (D M Y)

SAMPLE TREE INFORMATION

Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%	Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%
1	RP	36	24.6	14	40	4					
2	RP	36	23.1	14	40	5					
3	WP	36	17.5	14	40	6					

STAND INFORMATION

Stand Basal Area	SW		M^2/Ha	SWSL		M^2/Ha	HW		M^2/Ha	HWSL		M^2/Ha
Species and (%)	RP 9	%	WP 1	%		%		%				
Even-aged		Uneven-aged	x							Biomass		
Slope	10 %	Aspect	N									
Stand Origin:	Old Field	x	Partial Cut		Burn		Unploughed					
	Windfall		Non Forest				Ploughed					
	Clear Cut		Unknown									
Stand Maturity Class:	Regeneration		Immature	x	Mature		Over-mature					
Stand Stocking:	Understocked		Fully Stocked	x	Overstocked		Patchy					
Density:	SW	1,800	HW									
Advanced Regeneration:	Understocked		Fully Stocked		Overstocked		Patchy	x				
Regeneration:	1. Spp.	WP	Height	2m	2. Spp.	RM	Height	2.5m				
	3. Spp.	PO	Height	2m	4. Spp.		Height					

GROUND OBSERVATIONS

Ground Vegetation Species Present:	Red elderberry, Raspberry, Wood Fern				
Ground Hemlock	Y / N	N			
Invasive Species Present	Y / N	N	If yes then what species:		
Site Indicators	Y / N	N	If yes then what species:		

ENVIRONMENTAL OBSERVATIONS

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

Comments:

This stand is on upper topography in regards to the rest of the property. White Pine is performing poorly on the site from the 2014 planting; only noticed success in open areas of low competition. The stand is mainly of RP from the 1988 plantation. Recommend **Plantation Manual Maintenance** through enrichment planting strips, and a **Fill Plant** for areas outcompeted by natural regeneration of undesirable, intolerant hardwoods.

STAND TALLY SHEET

CRUISER	Mac Buchanan	STAND #	90398, 90396	PLANTATION #	3881613 + 3881612
PROPERTY #	16162	AREA	1.64 ha	Date	27 / 11 / 2025 (D / M / Y)

SAMPLE TREE INFORMATION

Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%	Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%
1	BS	24	17.9	13	50	4					
2	RM	24	19.6	13.5	80	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 (%) BS4 % RM3 % WB2 % LA1 % ____

Even-aged x Uneven-aged ____ Biomass ____

Slope ____ % Aspect ____

Stand Origin: Old Field x Partial Cut ____ Burn ____ Unploughed ____

Windfall ____ Non Forest ____ Ploughed ____

Clear Cut ____ Unknown ____

Stand Maturity Class: Regeneration ____ Immature x Mature ____ Over-mature ____

Stand Stocking: Understocked x Fully Stocked ____ Overstocked ____ Patchy ____

Density: SW 200 HW 400

Advanced Regeneration: Understocked x Fully Stocked ____ Overstocked ____ Patchy ____

Regeneration: 1. Spp. BS Height 1.5m 2. Spp. ____ Height ____

3. Spp. WB Height 3m 4. Spp. ____ Height ____

GROUND OBSERVATIONS

Ground Vegetation Species Present: Red elderberry, Raspberry, Wood Fern,bracken fern, goldenrod

Ground Hemlock ____ Y / N N

Invasive Species Present ____ Y / N N If yes then what species: ____

Site Indicators ____ Y / N N If yes then what species: ____

ENVIRONMENTAL OBSERVATIONS

Water Course N, Bog N Pond N Stream N Seeps N Beaver Present N Y / N

Drainage: Poor ____ Moderate ____ Good X Excellent ____ Erosion Control Required N Y / N

Snag Trees: Adequate X Inadequate ____

Coarse Woody Material: Adequate X Inadequate ____

Dens N Nests (Raptors, songbirds, etc.) N

Wildlife Observed ____

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	x	Riparian Zone Mgmt			

Pln. Maint. Y Y / N ____ Stems/Ha ____

Comments:

Larch blowdown. Low-density hardwood left standing. Some standing BS, performing poorly. Hardwood WB, RM doing better here. Recommend **Enrichment Planting and Manual Maintenance,** continue to monitor and maintain.

STAND TALLY SHEET

CRUISER	Mac Buchanan	STAND #	90401	PLANTATION #	
PROPERTY #	16162	AREA	2.6 ha	Date	27 / 11 / 2025 (D / M / Y)

SAMPLE TREE INFORMATION

Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%	Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%
1	WS	50	37.9	18	30	4					
2	WS	50	23.7	17	30	5					
3	WA	50	22.3	17	30	6					

STAND INFORMATION

Stand Basal Area SW ____ M^2/Ha SWSL ____ M^2/Ha HW ____ M^2/Ha HWSL ____ M^2/Ha

Species and (%) WS6 % LA10 % PO10 % BF10 % (WB,RM,WA) 10%

Even-aged ____ Uneven-aged x Biomass ____

Slope 5 % Aspect N

Stand Origin: Old Field x Partial Cut ____ Burn ____ Unploughed ____

Windfall ____ Non Forest ____ Ploughed ____

Clear Cut ____ Unknown ____

Stand Maturity Class: Regeneration ____ Immature ____ Mature x Over-mature ____

Stand Stocking: Understocked ____ Fully Stocked ____ Overstocked x Patchy ____

Density: SW 1,800 HW ____

Advanced Regeneration: Understocked x Fully Stocked ____ Overstocked ____ Patchy ____

Regeneration: 1. Spp. BF Height 1m 2. Spp. ____ Height ____

3. Spp. ____ Height ____ 4. Spp. ____ Height ____

GROUND OBSERVATIONS

Ground Vegetation Species Present: Wood Fern, Ground hemlock, Beaked Hazel, Bunchberry, False solomen seal

Ground Hemlock Y Y / N ____

Invasive Species Present ____ Y / N N If yes then what species: ____

Site Indicators ____ Y / N N If yes then what species: ____

ENVIRONMENTAL OBSERVATIONS

Water Course Y Bog N Pond N Stream Y Seeps N Beaver Present N Y / N

Drainage: Poor ____ Moderate x Good ____ Excellent ____ Erosion Control Required N Y / N

Snag Trees: Adequate X Inadequate ____

Coarse Woody Material: Adequate X Inadequate ____

Dens N Nests (Raptors, songbirds, etc.) N

Wildlife Observed ____

Comments ____

STAND PRESCRIPTION

No Treatment	x	Regeneration Cut	____	Crop Tree Release	____
Shelterwood Cut	____	Selection Cut	____	Patch Cut	____
Commercial Thinning	____	Afforestation	____	Site Preparation	____
Pre-commercial Thinning	____	Reforestation	x	Riparian Zone Mgmt	____
Pln. Maint.	x Y / N ____	Stems/Ha	____		

Block Cut x

Strip Cut ____

Comments:

The Little Miminigash River (tributary) passes through stand, causing drainage and access issues. Stand consists of merchantable quality softwood approaching decline. Recommend a **Block harvest**, **Full plant**, and **Manual Maintenance** otherwise; no treatment if access is a problem.

STAND TALLY SHEET

CRUISER	Mac Buchanan	STAND #	90936	PLANTATION #			
PROPERTY #	16162	AREA	0.88 ha	Date	27 / 11 / 2025		
					D	M	Y

SAMPLE TREE INFORMATION

Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%	Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%
1	RM	40	18.5	13m	80	4					
2	RM	40	28.3	15m	70	5					
3	RM	40	26	14m	70	6					

STAND INFORMATION

Stand Basal Area SW ____ M^2/Ha SWSL ____ M^2/Ha HW ____ M^2/Ha HWSL ____ M^2/Ha

Species and (%) Rm5 % WA10 % BS10 % BS10 % LA10, PO10

Even-aged ____ Uneven-aged x Biomass ____

Slope 5 % Aspect S

Stand Origin: Old Field x Partial Cut ____ Burn ____ Unploughed ____

Windfall ____ Non Forest ____ Ploughed ____

Clear Cut ____ Unknown ____

Stand Maturity Class: Regeneration ____ Immature x Mature ____ Over-mature ____

Stand Stocking: Understocked ____ Fully Stocked x Overstocked ____ Patchy ____

Density: SW 100 HW 1,400

Advanced Regeneration: Understocked x Fully Stocked ____ Overstocked ____ Patchy ____

Regeneration: 1. Spp. WB Height 1m 2. Spp. RM Height 1.5m

3. Spp. ____ Height ____ 4. Spp. ____ Height ____

GROUND OBSERVATIONS

Ground Vegetation Species Present: Wood Fern, Ground hemlock, Beaked Hazel,Wild raisen, alder

Ground Hemlock ____ Y / N N

Invasive Species Present ____ Y / N N If yes then what species: ____

Site Indicators ____ Y / N N If yes then what species: ____

ENVIRONMENTAL OBSERVATIONS

Water Course Y Bog N Pond N Stream Y Seeps N Beaver Present N Y / N

Drainage: Poor ____ Moderate x Good ____ Excellent ____ Erosion Control Required N Y / N

Snag Trees: Adequate X Inadequate ____

Coarse Woody Material: Adequate X Inadequate ____

Dens N Nests (Raptors, songbirds, etc.) N

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 x Stems/Ha ____

Comments: The Little Miminigash River(tributary) passes through the stand, causing drainage and access issues. The stand consists of mature hardwoods and larger mixedwood stems within the buffer zone. Buffer zone diversity provides seed to neighbouring stands with agricultural history. **No treatment** at this time.

STAND TALLY SHEET

CRUISER	Mac Buchanan	STAND #	90831 + 90703	PLANTATION #	
PROPERTY #	16162	AREA	3.06 ha	Date	27 / 11 / 2025 (D / M / Y)

SAMPLE TREE INFORMATION

Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%	Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%
1	SP	50	27.8	15m	30	4					
2	WS	50	26.1	16m	70	5					
3	RM	50	26	14m	70	6					

STAND INFORMATION

Stand Basal Area SW ____ M^2/Ha SWSL ____ M^2/Ha HW ____ M^2/Ha HWSL ____ M^2/Ha

Species and (%) Rm5 % WA10 % BS10 % BS10 % LA10, PO10

Even-aged ____ Uneven-aged x Biomass ____

Slope 5 % Aspect N

Stand Origin: Old Field x Partial Cut ____ Burn ____ Unploughed ____

Windfall ____ Non Forest ____ Ploughed ____

Clear Cut ____ Unknown ____

Stand Maturity Class: Regeneration ____ Immature ____ Mature x Over-mature ____

Stand Stocking: Understocked x Fully Stocked ____ Overstocked ____ Patchy ____

Density: SW 800 HW 500

Advanced Regeneration: Understocked x Fully Stocked ____ Overstocked ____ Patchy x

Regeneration: 1. Spp. RM Height 1m 2. Spp. ____ Height ____

3. Spp. BF Height 1m 4. Spp. ____ Height ____

GROUND OBSERVATIONS

Ground Vegetation Species Present: Wood Fern, Ground hemlock, Beaked Hazel,Wild raisen, alder

Ground Hemlock ____ Y / N N

Invasive Species Present ____ Y / N N If yes then what species: ____

Site Indicators ____ Y / N N If yes then what species: ____

ENVIRONMENTAL OBSERVATIONS

Water Course Y Bog N Pond N Stream Y Seeps N Beaver Present N Y / N

Drainage: Poor x Moderate ____ Good ____ Excellent ____ Erosion Control Required N Y / N

Snag Trees: Adequate X Inadequate ____

Coarse Woody Material: Adequate X Inadequate ____

Dens N Nests (Raptors, songbirds, etc.) N

Wildlife Observed ____

Comments ____

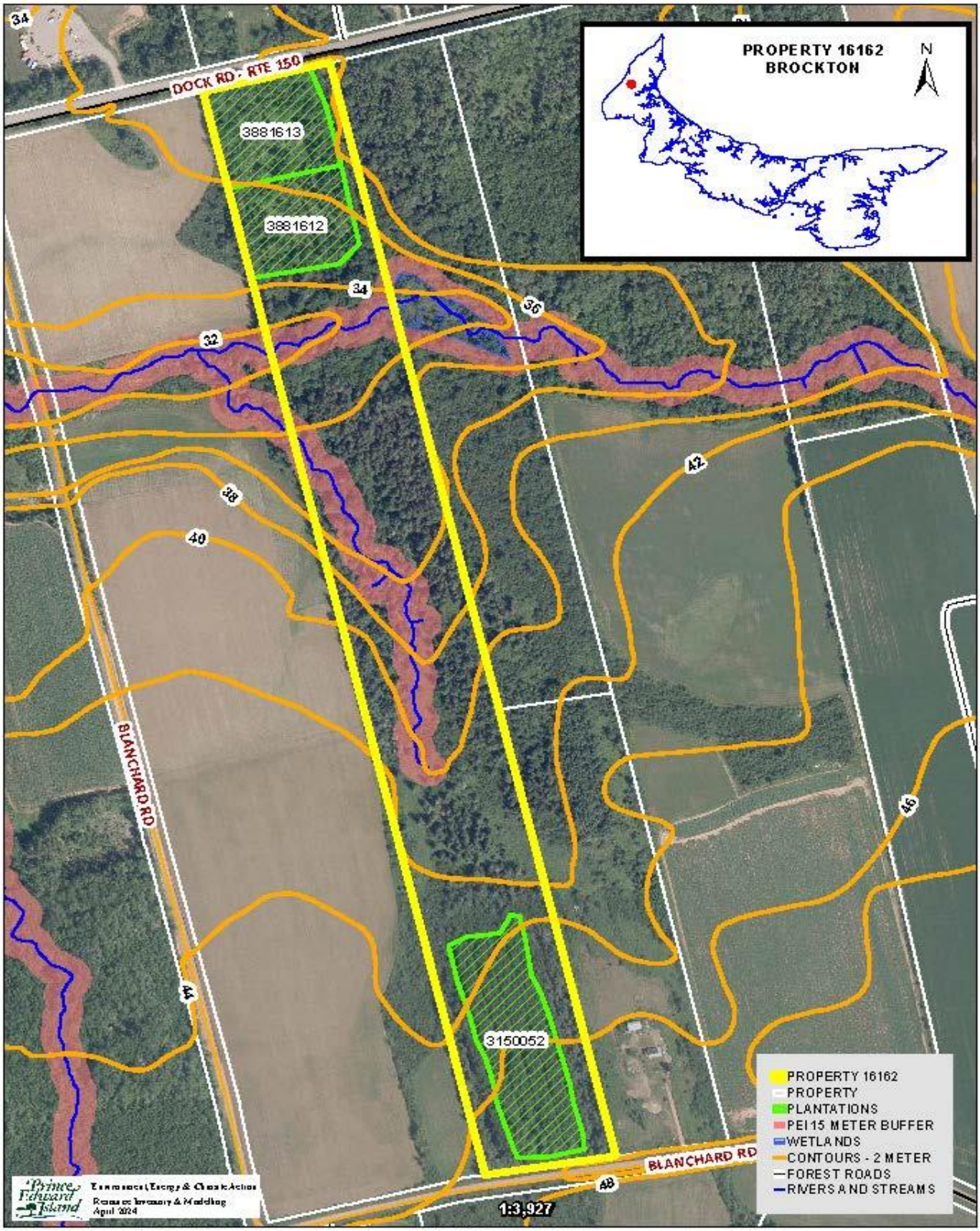
STAND PRESCRIPTION

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 x Stems/Ha ____

Comments: The Little Miminigash tributary passes through stands, causing drainage and access issues. 90831 mainly consists of alders with Scots pine, WS, BF stems at low density. 90703 has merchantable quality stems; however, there is an unmapped stream travelling east to west that would capture the majority of the stand within the buffer zone. **No treatment** at this time.

Appendix G. Plantation Map with Contour Lines



Appendix H. Work Completed

PID	Activity Number	Treatment Code	Amount Completed	Treatment Date	Treatment Description
16162	10692	110	2.41	8/15/2014	Commercial Softwood< 5000 /Ha
16162	9470	110	0.86	8/15/2014	Commercial Softwood< 5000 /Ha
16162	9457	110	0.78	8/15/2014	Commercial Softwood< 5000 /Ha
16162		165	1	10/9/2020	Windthrow
16162	3150052	30B	1040	6/20/2015	Manual Site Preparation per Site (Hawk)
16162	3150051	30B	520	6/20/2015	Manual Site Preparation per Site (Hawk)
16162	3150051	30B	260	6/20/2015	Manual Site Preparation per Site (Hawk)
16162	3881611	30B	1423	6/15/1992	Manual Site Preparation per Site (Hawk)
16162	3150051	51WI	520	6/20/2015	INTERPLANT BLACK SPRUCE - WESTERN
16162	3881611	56W	1.69	6/15/1992	WHITE PINE - WESTERN
16162	3881611	56W	1423	6/15/1992	WHITE PINE - WESTERN
16162	3150052	56WI	1040	6/20/2015	INTERPLANT WHITE PINE - WESTERN
16162	3150051	56WI	260	6/20/2015	INTERPLANT WHITE PINE - WESTERN
16162	3881612	82B	0.92	9/28/1990	Herbicide:Broadcast : 1st Treatment
16162	3881611	82B	1.69	9/28/1990	Herbicide:Broadcast : 1st Treatment
16162	3881613	88A	0.59	8/22/1991	Class I : Manual : 0 -5000/Ha <6 Metres
16162	3881621	88D	1.69	11/23/1995	Class 4 : Manual : 15001-20000/Ha <6 Metres
16162	3130523	89C	1.37	7/23/2013	Pruning Up to 9 Feet
16162	3881611	89C	1.69	3/27/1997	Pruning Up to 9 Feet
16162	3881611	89C	1.69	3/30/1999	Pruning Up to 9 Feet