

Date: March 12, 2025

**P.E.I.
Public Forests**



Woodlot Management Plan

Property Number: 538355

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 # 538355 is located on the Dock Road, Route #150, in the community of Brockton, P.E.I., (Appendix A). The total area of this property is 13.43 hectares (33.57 acres) and the midpoint of the property is Latitude N 46.788358 decimal degrees, Longitude W -64.240122 decimal degrees

Past Information

Local records and previous aerial photography show no evidence of agriculture on this property since 1935. However, the forested area of the property has changed with harvesting and planting over the years. 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.

Property Access

Access to this property is obtained through a class 1 woods road that runs through an adjacent public land property (PID428839) to the north, entering from Dock Rd (approximately 1000m). Another access that may be more efficient is to the west through private land via trail from the Trainor Rd (approximately 250m). Access this way must be permitted by the private landowner.

Ongoing road maintenance will be required to keep the road in a usable 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 these roads usable. Existing roads on the property can be seen on Appendix A

Property Boundaries

This property is bounded on the north and east by public land and on the south and west by private land.

Fire Protection

The property falls within two fire department jurisdictions. The northern two-thirds of the property falls within the Alberton Fire Department and the bottom third falls within the O'Leary 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 Forestry Division and our local community fire brigades. In the Western District, there are four-wheel drive forestry fire trucks housed at each of 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. Water is to be sourced off-site for fire suppression activities within the property as there are no on-site water sources.

Planting and Silviculture

There are two 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

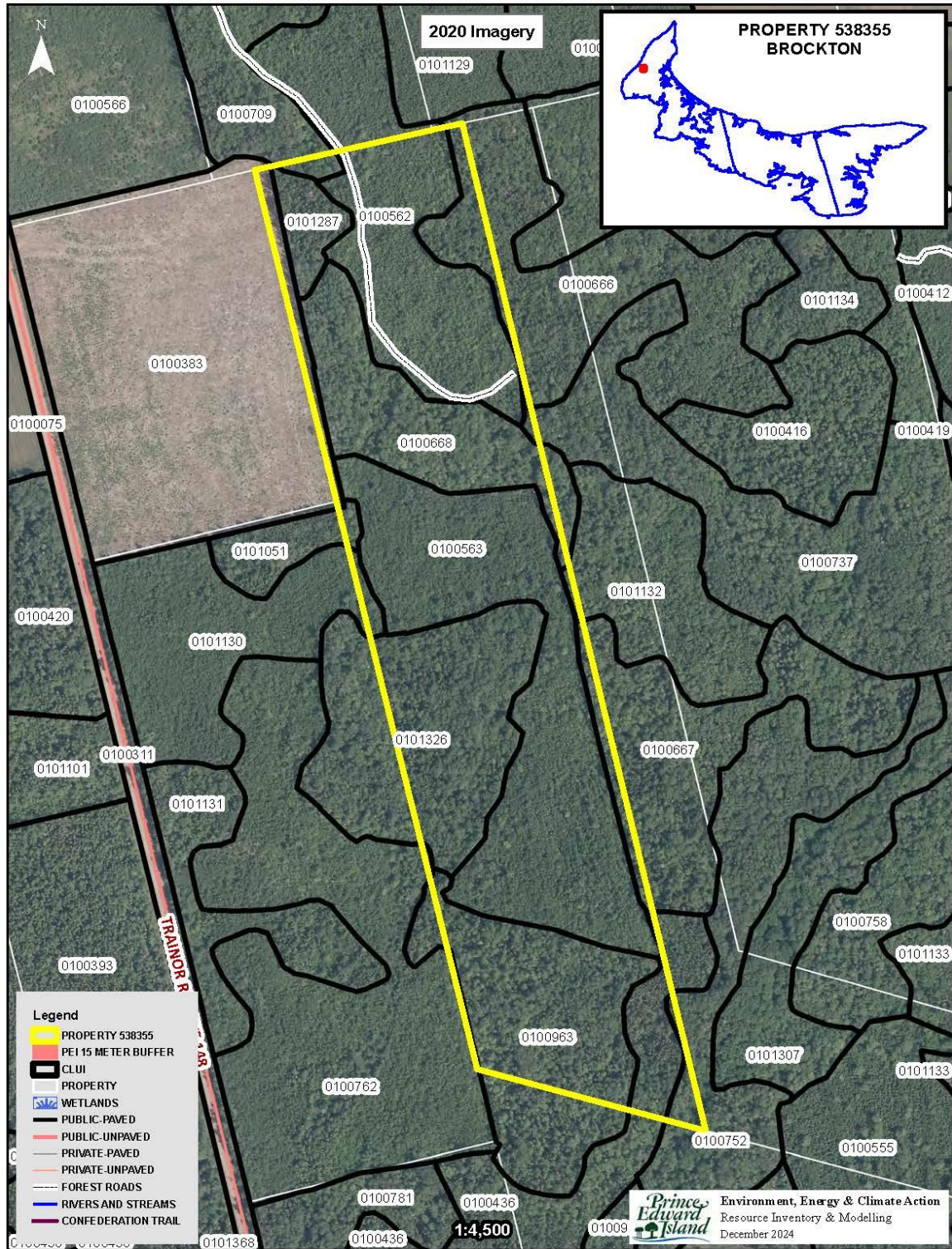
representative at the District Forestry Office in Wellington.

Table 1. Proposed Treatment Summary.

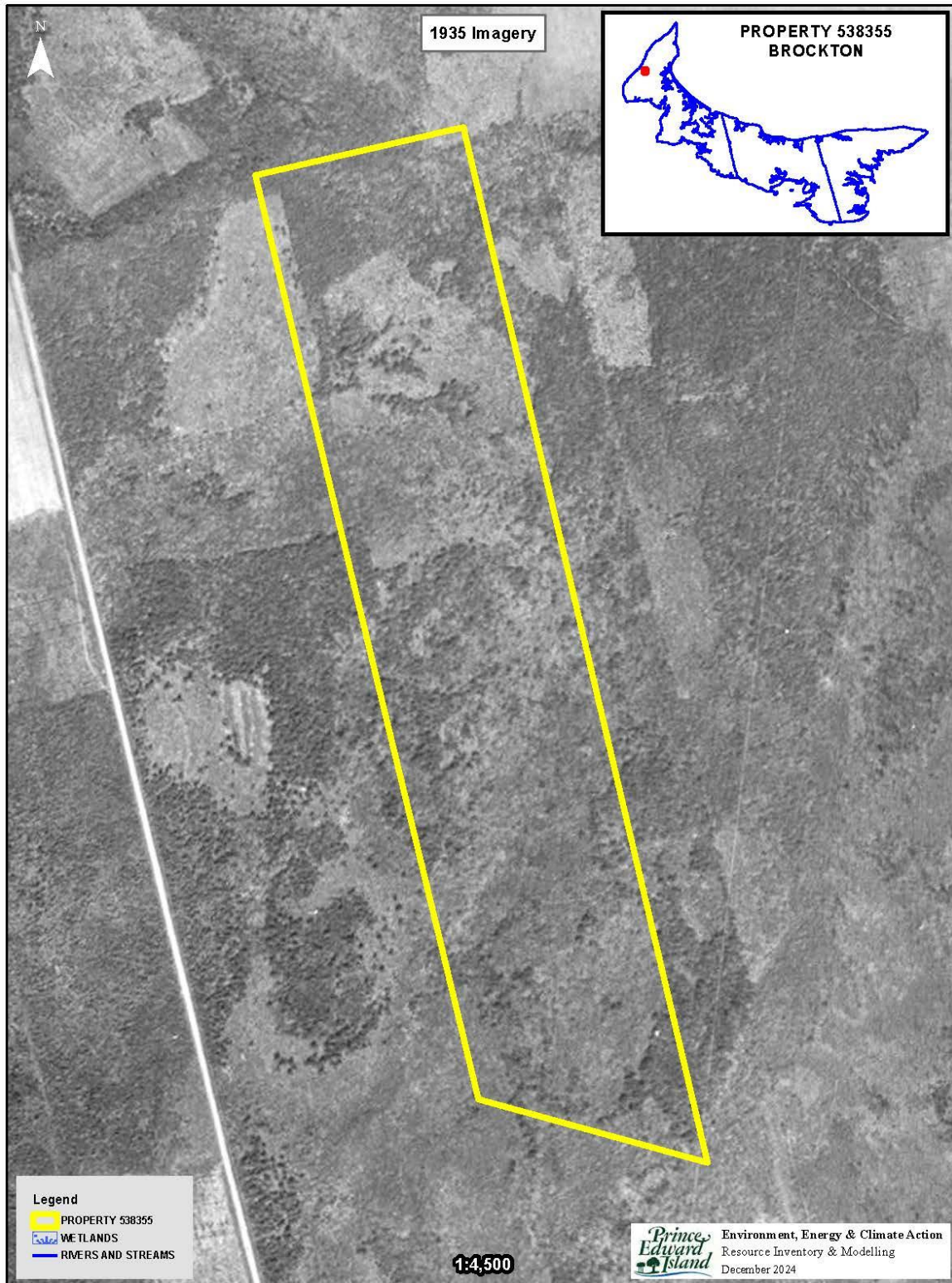
Stand Number and Plantation Number	Treatment Type	Treatment Year	Amount Proposed	2018 Eco-Manual Reference	Comments	Goals
Road	Road Maintenance	2025	All	12 pg	Brush cutting, minor grading/fill	Improve road access
ST 100563 PN 3020091	Manual Plantation Maintenance	2025	6.0 Ha	17 pg	Eliminate unwanted 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

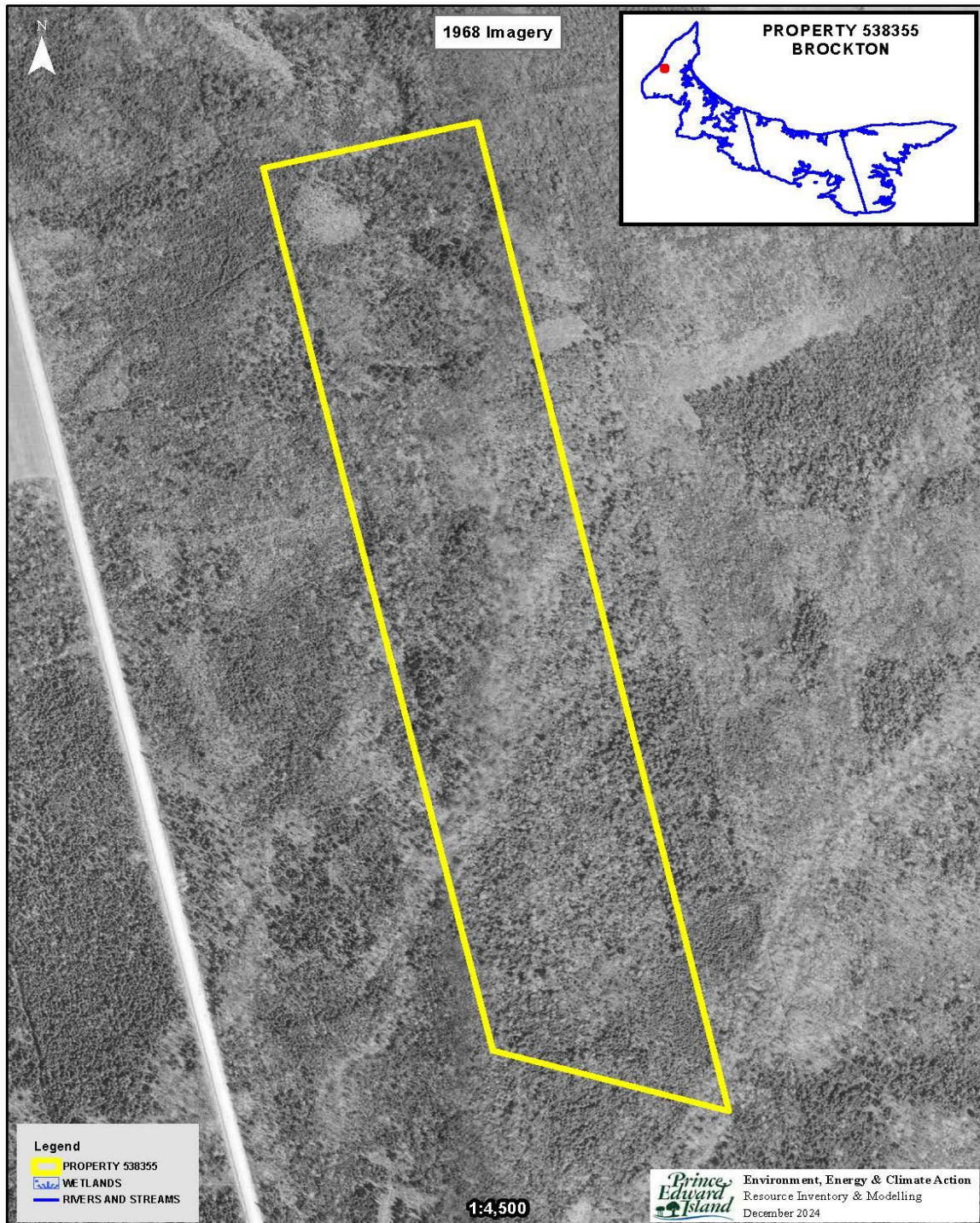
Appendix A. Map of Property with Locator Map



Appendix B. 1935 Aerial Photography



Appendix C. 1968 Aerial Photography



Appendix D. 2020 Corporate Land Use Inventory

FIELDID	LANDUSE	SUBUSE	COVER1	PER1	COVER2	PER2	COVER3	PER3	COVER4	PER4	COVER5	PER5	HEIGHT	CROWN	HISTORY2	HECTARES	WOODSTOCK	LDR_HGT
0100383	FOR	CC	CC	10		0		0		0		0	0	0		0.33	CC	0.46
0100436	FOR		BS	3	RM	3	BF	2	WB	1	PO	1	15	80		0.58	SMH	17.48
0100562	FOR	PN	WS	6	WB	2	BF	1	RM	1		0	6	85	PN-02	2.89	SPBF	8.74
0100563	FOR	PN	WB	4	RM	2	NS	2	LA	1	GB	1	7	95	PN-02	5.55	IHMX	10.59
0100666	FOR		BF	3	RM	3	WB	2	RS	1	PO	1	14	90		0.56	IHSW	16.40
0100667	FOR		RM	4	BF	2	PO	2	RS	1	WS	1	14	75		0.32	IHSW	17.45
0100668	FOR		RM	4	PO	3	WS	1	YB	1	WB	1	16	85		2.28	IHMX	19.05
0100709	FOR		RM	4	WB	2	PO	2	YB	1	SM	1	15	80		0.10	IHMX	17.81
0100737	FOR		RM	4	PO	4	BF	1	WB	1		0	18	80		0.03	IHMX	21.40
0100752	FOR		PO	4	RM	3	WS	1	YB	1	WB	1	17	80		0.17	IHMX	21.07
0100963	FOR		RM	4	WS	3	BF	1	WB	1	PO	1	13	75		2.58	IHSW	16.99
0101051	FOR		BF	7	PO	1	RM	1	BS	1		0	11	90		0.07	BFPR	13.71
0101130	FOR		RM	4	WB	3	BF	1	PO	1	GB	1	7	95		0.11	IHMX	10.31
0101326	FOR	PN	WB	4	RM	2	NS	2	LA	1	GB	1	7	95	PN-02	2.57	IHMX	18.16
0101132	FOR		RM	4	BF	2	WB	2	RS	1	PO	1	13	85		0.04	IHMX	17.17
0101287	FOR		RS	4	BF	3	RM	2	PO	1		0	12	85		0.50	RS	15.34

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		M. Buchanan		STAND #		100667+100563		PLANTATION #		3020101		
PROPERTY #		538355		AREA		5.87 ha		Date	16 /	12 /	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	22	12	12m	60%	4						
2	NS	22	13.6	12m	90%	5						
3	WB	22	11.6	12m	40%	6						
STAND INFORMATION												
Stand Basal Area		SW		M ² /Ha	SWSL		M ² /Ha	HW		M ² /Ha	HWSL	
Species and (%)		RM3	%	GB2	%	WB2	%	PO2	%	NS,LA,BF 10%		
Even-aged x		Uneven-aged								Biomass		
Slope		0 %	Aspect		NA							
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		Overstocked x		Patchy				
Density:		SW	1,000	HW	2,200							
Advanced Regeneration:		Understocked x		Fully Stocked		Overstocked		Patchy				
Regeneration:		1. Spp. BF		Height 2m		2. Spp. WA		Height 2m				
		3. Spp. WS		Height 1m		4. Spp.		Height				
GROUND OBSERVATIONS												
Ground Vegetation Species Present:		Sensitive, Wood fern, Bracken fern, Wild Strawberry.										
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	N	Pond	N	Stream	N	Seeps	N	Beaver Present	N Y / N
Drainage:		Poor X	Moderate	X	Good		Excellent		Erosion Control Required		N Y / N	
Snag Trees:		Adequate	Inadequate	x								
Coarse Woody Material:		Adequate	Inadequate	x								
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:		<p>100% Norway spruce plantation from 2002. Very low-density NS remains on better microsites. This plantation was outcompeted by natural regeneration intolerant hardwoods. No maintenance took place here due to plantation failure. No treatment at this time. Ideally this stand should be harvested and replanted to have a reset, however stand must grow before it makes sense economically to harvest. Harvest and plant BS,LA,WA,WS,RS,CE 10-15 yrs to restart the stand.</p>										

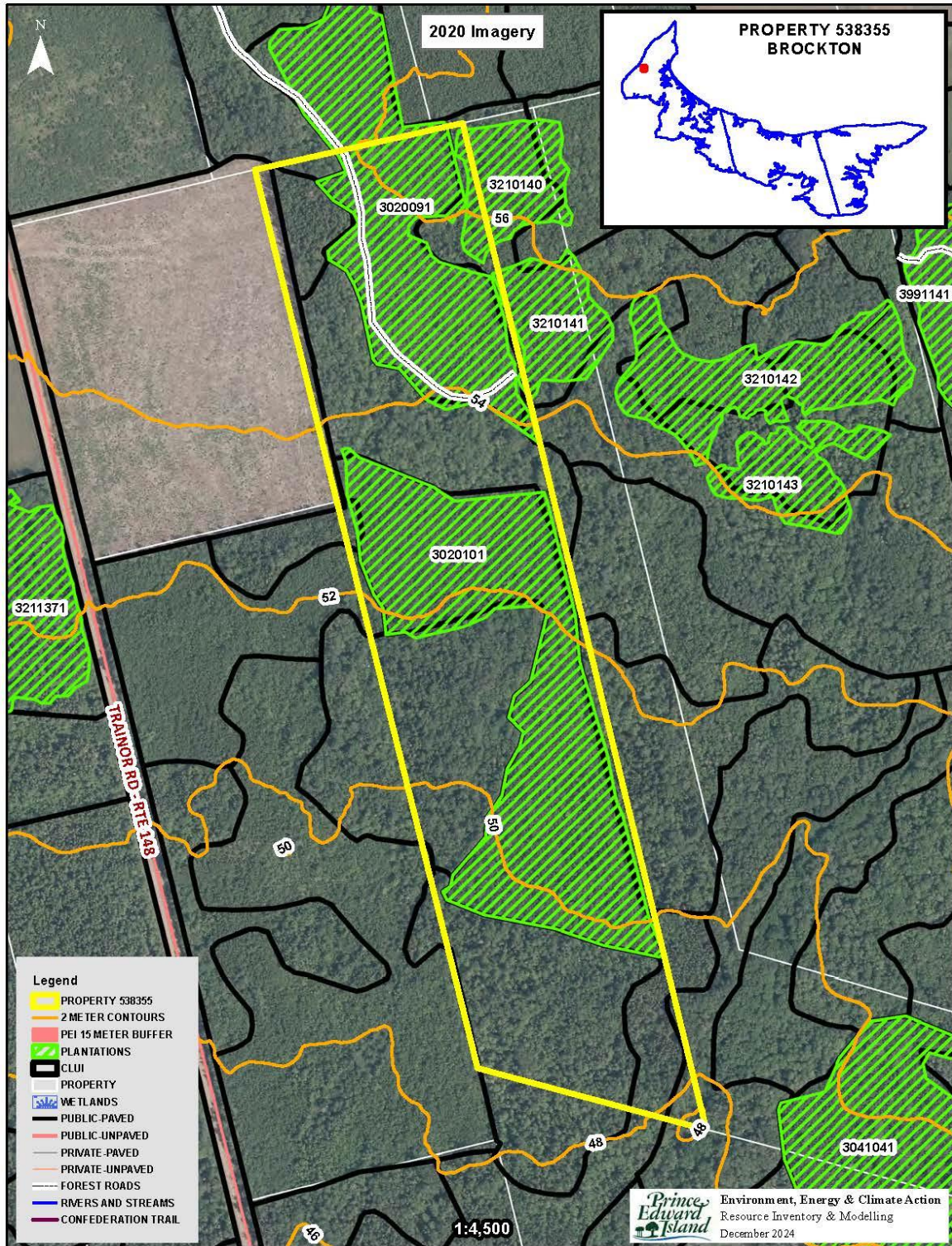
STAND TALLY SHEET												
CRUISER		M.BUCHANAN		STAND #		100668		PLANTATION #				
PROPERTY #		538355		AREA		2.28 ha		Date	16 /	12 /	2024	
									D	M	Y	
SAMPLE TREE INFORMATION												
Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%	Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%	
1	WA	60	22.4	16M	30	4	RM	70	33.4	17M	30	
2	RM	60	25.6	16M	20	5	BS	70	39.1	18M	30	
3	BF	35	19.4	13M	10	6						
STAND INFORMATION												
Stand Basal Area		SW	M ² /Ha		SWSL	M ² /Ha		HW	M ² /Ha		HWSL	M ² /Ha
Species and (%)		RM4	%	WA2	%	PO2	%	BF10	%	GB.YB,BS 10%		
Even-aged		Uneven-aged		X						Biomass		
Slope		0 %		Aspect		NA						
Stand Origin:		Old Field		Partial Cut		Burn		Unploughed				
		Windfall		Non Forest				Ploughed				
		Clear Cut		X		Unknown						
Stand Maturity Class:		Regeneration				Immature		Mature		X		Over-mature
Stand Stocking:		Understocked				Fully Stocked		X		Overstocked		Patchy
Density:		SW	800	HW	1,200							
Advanced Regeneration:		Understocked				Fully Stocked		X		Overstocked		Patchy
Regeneration:		1. Spp. BF		Height 0.8M		2. Spp. RM		Height 3M				
		3. Spp. BS		Height 0.5M		4. Spp. WA		Height 3M				
GROUND OBSERVATIONS												
Ground Vegetation Species Present:				Sensitive Fern, Beaked hazel, Wild strawberry, woodfern, bunchberry, wild raisin								
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	N	Pond	N	Stream	N	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:		This stand is next to woodlot road. The site is of poor drainage with pit and mound topography throughout. Stems with best-growing success are located on these mounds and higher microsites, trees are shallow-rooted due to drainage issues. Stand is showing a decent level of species diversity in both standing and regenerating stems. Some regenerating species include RM, WS, BS, BF, WA to name a few, however i do not see much potential for harvesting in the future due to stand drainage and species composition. No Treatment at this time. Stand will provide a solid seed source for neighbouring stands .										

STAND TALLY SHEET											
				100383							
CRUISER	M.BUCHANAN			STAND # 101326, 100963, 100436			PLANTATION #				
PROPERTY #	538355			AREA		6.06 Ha		Date	16 /	12 /	2024
								D	M	Y	
SAMPLE TREE INFORMATION											
Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%	Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%
1	RS	80+	58.9	19m	80	4	RS	80+	48.5	18M	80
2	BF	50	22.8	15m	30	5	WB	50	28	16M	50
3	PO	80+	53.8	18m	30	6	WP	100+	69.3	19.5m	60
STAND INFORMATION											
Stand Basal Area	SW	M ² /Ha		SWSL	M ² /Ha		HW	M ² /Ha		HWSL	M ² /Ha
Species and (%)	RM3	%	BF2	%	PO10	%	RS10	%	LA10%, WB10%, WS10%		
Even-aged	Uneven-aged X								Biomass		
Slope	0 %	Aspect		NA							
Stand Origin:	Old Field			Partial Cut	X		Burn			Unploughed	
	Windfall			Non Forest						Ploughed	
	Clear Cut			Unknown							
Stand Maturity Class:	Regeneration			Immature			Mature X		Over-mature		
Stand Stocking:	Understocked			Fully Stocked X			Overstocked		Patchy		
Density:	SW	1,200	HW	800							
Advanced Regeneration:	Understocked X			Fully Stocked			Overstocked		Patchy		
Regeneration:	1. Spp. BF			Height 0.5M			2. Spp.		Height		
	3. Spp. BF			Height 2M			4. Spp.		Height		
GROUND OBSERVATIONS											
Ground Vegetation Species Present:				Wood Fern, alder, Golden Rod, Bunchberry, sheep laurel, Red elderberry, Wild Raisen							
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	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		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:	<p>Mature mixed-wood stands with varying density, high density in patches, and low density in areas with poor drainage. The central part of this property (101326) displays areas with improper drainage, these areas are lower in density. Some large diameter RS scattered throughout the stand pushing 100 years old however holding a high LCR%. Also, large overmature poplar (Balsam, large tooth) expect these stems to decline as they are a short-living species, great for wildlife snags/CWD. Mature stems should produce quality seeds which is evident from the regen coming through in the understory. This stand is showing signs of transitioning back to a natural forest condition with large healthy mature RS and poplar in the overstory that are dispersing seed, another younger cohort of RM, WB,BF is also apparent. Harvesting this stand would not improve the quality of the stand thus I recommend no treatment at this time however it should be monitored for decline in coming years as it is pushing over-maturity. Stand 100963 has a WP reaching 70cm in diameter showing characteristics of a legacy tree.</p>										

STAND TALLY SHEET													
CRUISER		M.BUCHANAN		STAND # 100562 + 100666		PLANTATION #		3020091					
PROPERTY #		538355		AREA 3.21 ha		Date		17 /	12 /	2024			
								D	M	Y			
SAMPLE TREE INFORMATION													
Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%	Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%		
1	WS	22	14.5	11m	20	4							
2	WS	22	12.6	11m	20	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 (%)		WS6	%	BF2	%	WB10	%	RM10	%				
Even-aged		x		Uneven-aged						Biomass			
Slope		0 %		Aspect		NA							
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	1,800	HW	1,300								
Advanced Regeneration:		Understocked		x		Fully Stocked		Overstocked		Patchy			
Regeneration:		1. Spp. BF		Height		2m		2. Spp. WS		Height		3m	
		3. Spp.		Height				4. Spp.		Height			
GROUND OBSERVATIONS													
Ground Vegetation Species Present:		Sheep Laurel, bunchberry, Wild Raisen											
Ground Hemlock		x	Y / N										
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	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		Inadequate		x							
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				Riparian Zone Mgmt					
Pln. Maint.		x	Y / N		Stems/Ha								
Comments:		<p>This is a 2002 WS plantation that received herbicide the year of planting and manual maintenance in 2011. Currently, the plantation is seeing heavy competition from intolerant hardwoods that are limiting growing space for the crop trees and whipping against them during wind events. This stand requires a cleaning to decrease density to release the diameter growth of the crop trees. This maintenance is not needed throughout the entire stand with a focus on areas with heavy competition from intolerants, favour quality natural regeneration to maintain stand diversity. Thinning of the plantation should take place as soon as possible for best results. This will be the final maintenance on this stand.</p>											

STAND TALLY SHEET													
CRUISER		M.BUCHANAN		STAND # 101287, 100709			PLANTATION #						
PROPERTY #		538355		AREA		0.6 ha	Date	10 /	1 /	2025			
								D	M	Y			
SAMPLE TREE INFORMATION													
Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%	Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%		
1	RS	65	23.1	15m	30	4	WP	75	48.9	15m	50		
2	BF	30	12.8	13m	20	5							
3	RS	65	24.8	15m	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 (%)		RS4	%	BF2	%	RM10	%	PO10	%	WP10			
Even-aged x		Uneven-aged						Biomass					
Slope		0	%	Aspect									
Stand Origin:		Old Field		Partial Cut		Burn		Unploughed					
		Windfall		Non Forest				Ploughed					
		Clear Cut x		Unknown									
Stand Maturity Class:		Regeneration		Immature		Mature x		Over-mature					
Stand Stocking:		Understocked		Fully Stocked		Overstocked x		Patchy					
Density:		SW	2,200	HW	100								
Advanced Regeneration:		Understocked x		Fully Stocked		Overstocked		Patchy					
Regeneration:		1. Spp. RS		Height 2m		2. Spp. BF		Height 0.8m					
		3. Spp.		Height		4. Spp.		Height					
GROUND OBSERVATIONS													
Ground Vegetation Species Present:													
		Snow Cover											
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	N	Pond	N	Stream	N	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:		<p>This is a RS/BF softwood stand next to a woodlot road. Past photo imagery shows that the stand was harvested in approximately 1960. The neighboring stands on the East and West have both had recent clearcuts in the last 5 years which has caused some minor blowdown in the stand increasing the CWD content mainly BF/PO content. This is a small block that will act as a terrific seed source to its neighboring stands. Stand is high density however LCR is high enough to promote future growth success. Look to harvest 10-15 yrs. No treatment at this time.</p>											

Appendix G. Plantation Map with Contour Lines



Appendix H. Work Completed

Activity Number	Treatment Code	Amount Completed	Treatment Date	Treatment Description
3020101	29	5.65	1/10/2002	Raking Crawler Tractor-Root Rake: per Ha
3020091	37	4.11	1/10/2002	Brush Raking: Rubber Tired Skidder/Ha
3020091	55W	12098	6/27/2002	WHITE SPRUCE - WESTERN
3020101	67W	16393	6/14/2002	NORWAY SPRUCE - WESTERN
3020101	82B	5.65	10/10/2003	herbicide: Broadcast: 1st Treatment
3020091	82B	4.11	10/10/2003	Herbicide: Broadcast: 1st Treatment
3020091	88C	4.54	11/9/2011	Class 3 : Manual: 10001-15000/Ha <6 Metres
3020101	92	5.65	1/7/2002	Clearcut Block
3020091	92	4.11	1/7/2002	Clearcut Block