

Date: Jan. 14, 2025

P.E.I.
Public Forests



Woodlot Management Plan

Property Number: 880609

Location: Freetown

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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 # 880609 is located on the Freetown Road, Route #8, in the community of Freetown, P.E.I. (Appendix A). The total area of this property is 16 hectares (39.46 acres) and the midpoint of the property is Latitude N 46.38135 decimal degrees, Longitude W -63.60102 decimal degrees.

Past Information

Local records and previous aerial photography show that all the property was originally used for agricultural purposes early in the 20th century. Tree planting was initiated due to the discovery of a disease that would adversely affect the potato industry. To better illustrate the history, 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 (Appendix A). However, a low area in the central portion of the property carries runoff from adjacent farmland to the west. It contains a rich flat with some top-soil deposits and high nutrient levels.

Property Access

A 1,350 metre class 2 woods road provides access to this property from the Freetown Road. This woodlot road consists of the entrance and a loop that provides excellent access to the property. (The road surface is grass-covered and is mowed periodically to maintain recreational access for adjacent landowners.) Ongoing road maintenance will be required to keep the 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. The existing road on the property can be seen on Appendix A.



Property Boundaries

This property is bounded on the north, east and west by private land. The southern boundary fronts on the Freetown Road to the southeast, and around adjacent residential lots to the southwest.

Fire Protection

This property is located within the jurisdiction of the Kensington 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 28 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
780827 PN#2030316	Commercial Thin	2025	0.39 Ha	Pg 26	Thin to encourage vigor and quality.	Encourage vigor, quality and root structure.
780827 PN#2030316	Crop Tree Prune	2025	0.39 Ha	Pg 20	White Pine prune.	Improve quality, limit blister rust.
780768 PN#2030305	Commercial Thin	2025	0.42 Ha	Pg 26	Thin to encourage vigor and quality.	Encourage vigor, quality and root structure.
780768 PN#2030305	Crop Tree Prune	2025	0.42 Ha	Pg 20	White Pine prune.	Improve quality, limit blister rust.
780764 PN#2030317	Commercial Thin	2025	0.25 Ha	Pg 26	Minimal weevil damage, increase air flow.	Encourage vigor, quality and root structure.
780764 PN#2030317	Crop Tree Prune	2025	0.25 Ha	Pg 20	White Pine prune.	Improve quality, limit blister rust.
780756 PN#2030315	Crop Tree Prune	2025	0.40 Ha	Pg 20	Red Pine. Future cover crop..Low quality stems.	Prune for aesthetics and tree health.
780754 PN#2030308	Commercial Thin	2025	0.37 Ha	Pg 26	Minimal weevil damage, increase air flow.	Encourage vigor, quality and root structure.
780754 PN#2030308	Crop Tree Prune	2025	0.37 Ha	Pg 20	White Pine prune.	Improve quality, limit blister rust.
780755	Manual Site Preparation & Enrichment Plant	2026	0.64 Ha	Pg 14 & 17	Possible plant in future, not a priority. Keep access road open.	Reforest cleared land.
780752(part of) PN#2030303	Commercial Thin	2028	0.30 Ha	Pg 26	Dense. Bark beetle noted.	Encourage vigor, quality and root structure.
780752(part of) PN#2030302	Commercial Thin	2028	1.59 Ha	Pg 26	Dense. Bark beetle noted.	Encourage vigor, quality and root structure.
780757 PN#2030318	Commercial Thin	2028	0.36 Ha	Pg 26	Inspect periodically to appropriately time thinning.	Encourage vigor, quality and root structure.
780753 PN#2060011	Commercial Thin	2030	2.14 Ha	Pg 26	Inspect periodically to appropriately time thinning.	Encourage vigor, quality and root structure.
780532 & 780767 PN#2030304	Pre-commercial Thin	2030	0.86 Ha	Pg 22	Patches could be thinned. Inspect to appropriately time.	Encourage vigor, quality and root structure.

780766 PN#2030306	Commercial Thin	2030	0.38 Ha	Pg 26	Inspect periodically to appropriately time thinning.	Encourage vigor, quality and root structure.
780761 PN#2030312	Commercial Thin	2030	0.36 Ha	Pg 26	Inspect periodically to appropriately time thinning.	Encourage vigor, quality and root structure.
780525 PN#2030314	Selection (Salvage)	2030	0.36 Ha	Pg 27	Select salvage if windfall or mortality.	Salvage and create openings.
780525 PN#2030314	Manual Site Preparation & Enrichment Plant	2030	0.36 Ha	Pg 14 & 17	Remove vegetation down to mineral soil and enrichment plant..	Add diversity, Underplant through openings (browse guards?).
780811, 780759, 780828, 780762, 780763, 780765, 780760, 780769 PN#2110319	Commercial Thin	2030	5.78 Ha	Pg 26	Inspect periodically to appropriately time thinning. Dense, Commercial Thin in 5- 10 years?	Encourage vigor, quality and root structure.
780758 PN#2030309	Commercial Thin	2035	0.39 Ha	Pg 26	Inspect periodically to appropriately time thinning. (BS slow)	Encourage vigor, quality and root structure.
	Road Maintenance	2025...	-	Pg 12	Grass cover, mowed regularly (may need some lateral pruning where limbs growing into roadway)	Maintain access
780524 PN#2030310	Block Harvest (Salvage?)	2035?	0.37 Ha	Pg 30	Monitor, only salvage if future windfall. Otherwise, leave to develop.	Salvage if future windfall in exposed area.
780524 PN#2030310	Manual Site Preparation & Reforest	2035	0.37 Ha	Pg 14 & 17	Remove vegetation down to mineral soil and reforest.	Reforest cover if lost to windfall.

Appendices

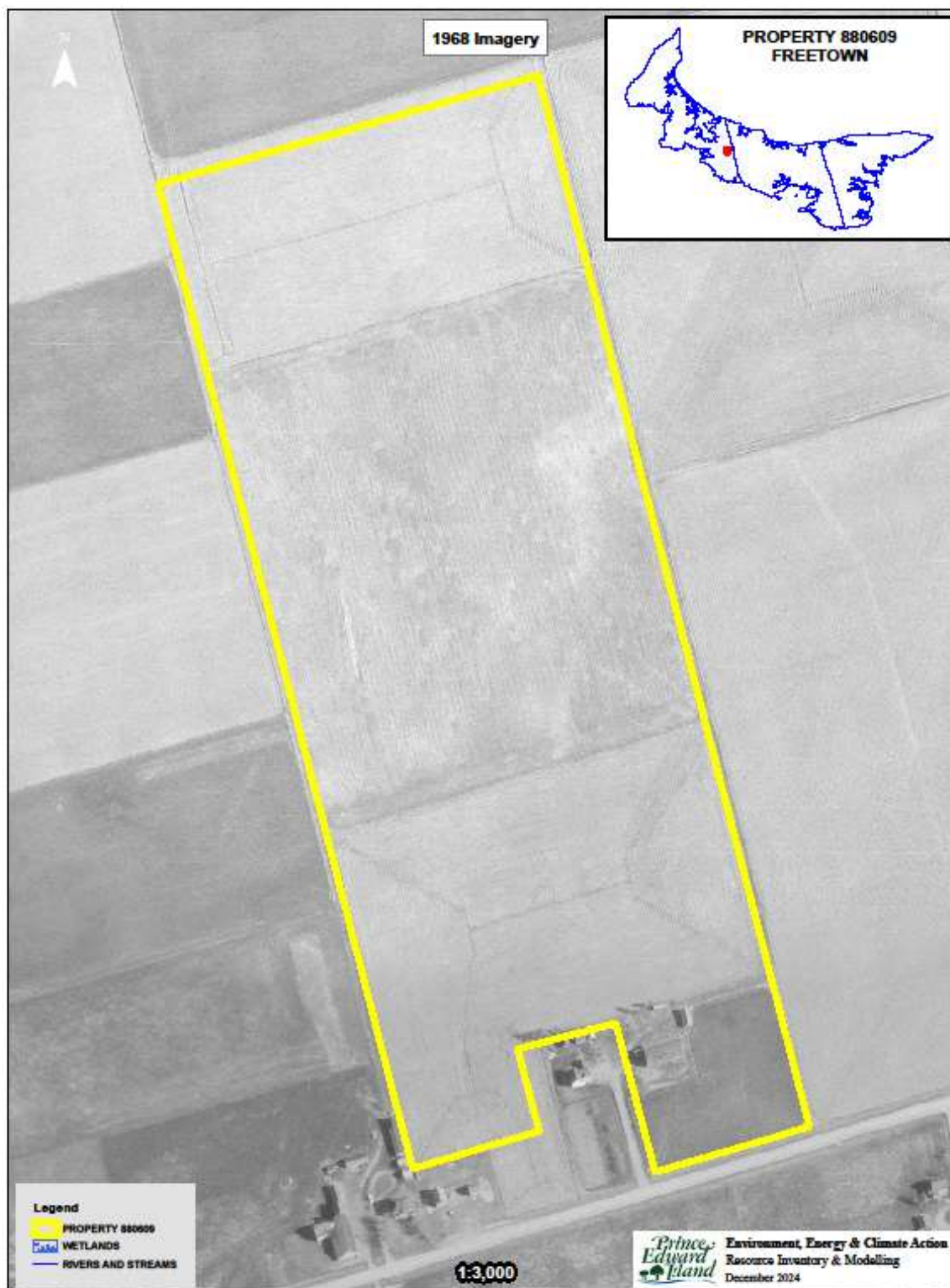
Appendix A. Map of Property with Locator Map



Appendix B. 1935 Aerial Photography



Appendix C. 1968 Aerial Photography



Appendix D. 2020 Corporate Land Use Inventory

FIELDID	PER1	COVER2	PER2	COVER3	PER3	COVER4	PER4	COVER5	PER5	HEIGHT	CROWN	HISTORY2	HECTARES	WOODSTOCK
0780249	7	BLD	1	TRE	1	PAV	1		0	0	0		0.35	
0780524	10		0		0		0		0	9	50	PN-03	0.37	LAPR
0780525	10		0		0		0		0	10	75	PN-03	0.36	SWPR
0780532	10		0		0		0		0	4	25	PN-03	0.44	BFPR
0780752	10		0		0		0		0	6	85	PN-03	1.89	WSPR
0780753	10		0		0		0		0	4	85	PN-06	2.14	WSPR
0780754	9	BF	1		0		0		0	9	90	PN-03	0.37	WP
0780755	10		0		0		0		0	0	0		0.64	
0780756	10		0		0		0		0	6	75	PN-03	0.40	RPPR
0780811	10		0		0		0		0	2	0	PN-03	0.37	WSPR
0780757	8	WP	2		0		0		0	6	75	PN-03	0.36	WSPR
0780758	10		0		0		0		0	5	70	PN-03	0.39	BSPR
0780827	6	WP	4		0		0		0	7	80	PN-03	0.39	WP
0780759	10		0		0		0		0	3	0	PN-03	2.47	WSPR
0780760	10		0		0		0		0	2	0	PN-03	0.39	WSPR
0780761	10		0		0		0		0	5	65	PN-03	0.36	SWPR
0780762	10		0		0		0		0	2	0	PN-03	1.11	WSPR
0780763	10		0		0		0		0	2	0	PN-03	0.38	WSPR
0780764	10		0		0		0		0	7	80	PN-03	0.25	WP
0780765	10		0		0		0		0	5	70	PN-03	0.38	RS
0780766	10		0		0		0		0	6	80	PN-03	0.38	WSPR
0780767	10		0		0		0		0	2	0	PN-03	0.42	WSPR
0780768	6	WP	4		0		0		0	8	80	PN-03	0.42	WP
0780769	10		0		0		0		0	3	0	PN-03	0.39	WSPR
0780828	10		0		0		0		0	3	0	PN-03	0.29	WSPR

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		L. Stevenson		STAND #		780755 PLANTATION #					
PROPERTY #		880609		AREA		0.64 ha		Date		13 / 1 / 2025	
								D		M Y	
SAMPLE TREE INFORMATION											
TREE #	SPP.	AGE	D.B.H.	HEIGHT	TREE #	SPP.	AGE	D.B.H.	HEIGHT		
1	*cleared grassed land				4						
2					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 (%)		%	%	%	%						
Even-aged		Uneven-aged		Biomass							
Slope		2 %		Aspect		S					
Stand Origin:		Old Field		X		Partial Cut		Burn		Unploughed	
		Windfall				Non Forest				Ploughed	
		Clear Cut				Unknown					
Stand Maturity Class:		Regeneration				Immature				Mature	
		Over-mature									
Stand Stocking:		Understocked		X		Fully Stocked				Overstocked	
		Patchy									
Density:		SW	HW								
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:		heavy grass cover									
Ground Hemlock		Y / N		X							
Invasive Species Present		Y / N		X		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								Y / N	
Drainage:		Poor		Moderate		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		cleared land, old field grass (meadow vole)									
STAND PRESCRIPTION											
No Treatment		Regeneration Cut		Crop Tree Release		Block Cut					
Shelterwood Cut		Selection Cut		Patch Cut		Strip Cut					
Commercial Thinning		Afforestation		Site Preparation		X					
Pre-commercial Thinning		Reforestation		X		Riparian Zone Mgmt					
Pln. Maint.		Y / N		Stems/Ha							
Comments:		possible site preparation and reforest at some point, one White Ash was planted that survived and									
		it is approximately 2.5m and has browse guard at the bottom, if planting WS is recommended as									
		main species (include WP or others)									

STAND TALLY SHEET												
CRUISER	L. Stevenson		STAND #	780827		PLANTATION #	2030316					
PROPERTY #	880609		AREA	0.39 ha		Date	6 /	1 /	2025			
							D	M	Y			
SAMPLE TREE INFORMATION												
TREE #	SPP.	AGE	D.B.H.	HEIGHT		TREE #	SPP.	AGE	D.B.H.	HEIGHT		
1	WS	22	20	9		4						
2	WP	22	20	9		5						
3	WS	22	16	8		6						
STAND INFORMATION												
Stand Basal Area	SW		M ² /Ha	SWSL		M ² /Ha	HW		M ² /Ha	HWSL		M ² /Ha
Species and (%)	WS50 %	WP50 %		%		%						
Even-aged X	Uneven-aged									Biomass		
Slope		% Aspect	L									
Stand Origin:	Old Field X	Partial Cut		Burn		Unploughed						
	Windfall	Non Forest				Ploughed X						
	Clear Cut	Unknown										
Stand Maturity Class:	Regeneration			Immature X		Mature		Over-mature				
Stand Stocking:	Understocked			Fully Stocked X		Overstocked		Patchy				
Density:	SW	2500	HW									
Advanced Regeneration:	Understocked			Fully Stocked		Overstocked X		Patchy				
Regeneration:	1. Spp.		Height		2. Spp.		Height					
	3. Spp.		Height		4. Spp.		Height					
GROUND OBSERVATIONS												
Ground Vegetation Species Present:	grass, purple vetch, minimal ground cover (full shade)											
Ground Hemlock		Y / N	X									
Invasive Species Present		Y / N	X		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		Good	X	Excellent	X		Erosion Control Required	Y / N		
Snag Trees:	Adequate	Inadequate	X									
Coarse Woody Material:	Adequate	Inadequate	X									
Dens		Nests (Raptors, songbirds, etc.)										
Wildlife Observed	red-winged blackbird (and young), sparrow summer, snowshoe hare and squirrel tracks winter											
Comments												
STAND PRESCRIPTION												
No Treatment		Regeneration Cut		Crop Tree Release		Block Cut						
Shelterwood Cut		Selection Cut		Patch Cut		Strip Cut						
Commercial Thinning	2025	Afforestation		Site Preparation								
Pre-commercial Thinning		Reforestation		Riparian Zone Mgmt		Prune	2025					
Pln. Maint.	Y / N	Stems/Ha										
Comments:	stand is OK, area has some fill planting with WS, prune the WP content for quality and to improve air flow through plantation to limit blister rust, good diameter growth, limby (need to prune), open to encourage vigor and quality											

STAND TALLY SHEET													
CRUISER		L. Stevenson		STAND #		780768		PLANTATION #		2030305			
PROPERTY #		880609		AREA		0.42 ha		Date		6 / 1 / 2025			
								D		M		Y	
SAMPLE TREE INFORMATION													
TREE #	SPP.	AGE	D.B.H.	HEIGHT		TREE #	SPP.	AGE	D.B.H.	HEIGHT			
1	WS	22	17	9		4							
2	WP	22	21	8		5							
3	WS	22	16	8		6							
STAND INFORMATION													
Stand Basal Area		SW		M ² /Ha	SWSL		M ² /Ha	HW		M ² /Ha	HWSL		M ² /Ha
Species and (%)		WS50 %	WP50 %	%	%								
Even-aged X		Uneven-aged										Biomass	
Slope		% Aspect		L									
Stand Origin:		Old Field X	Partial Cut		Burn		Unploughed						
		Windfall	Non Forest		Ploughed	X							
		Clear Cut	Unknown										
Stand Maturity Class:		Regeneration		Immature X	Mature		Over-mature						
Stand Stocking:		Understocked		Fully Stocked		Overstocked X	Patchy						
Density:		SW 2500	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:		devils paintbrush, daisy, timothy, grasses											
Ground Hemlock		Y / N	X										
Invasive Species Present		Y / N	X	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		Good X	Excellent	X	Erosion Control Required	Y / N			
Snag Trees:		Adequate		Inadequate	X								
Coarse Woody Material:		Adequate		Inadequate	X								
Dens		Nests (Raptors, songbirds, etc.)											
Wildlife Observed													
Comments		note squirrel and snowshoe hare tracks											
STAND PRESCRIPTION													
No Treatment			Regeneration Cut		Crop Tree Release		Block Cut						
Shelterwood Cut			Selection Cut		Patch Cut		Strip Cut						
Commercial Thinning		2025	Afforestation		Site Preparation								
Pre-commercial Thinning			Reforestation		Riparian Zone Mgmt		Prune	2025					
Pln. Maint.		Y / N	Stems/Ha										
Comments:		little weevil damage noted at this point, could commercial thin to open and prevent blister rust/ encourage vigor, some openings and limby WP near edges											

STAND TALLY SHEET												
CRUISER		L. Stevenson		STAND # 780752(part of)			PLANTATION #			2030303		
PROPERTY #		880609		AREA		0.3 ha		Date		6 / 1 / 2025		
								D		M Y		
SAMPLE TREE INFORMATION												
TREE #	SPP.	AGE	D.B.H.	HEIGHT		TREE #	SPP.	AGE	D.B.H.	HEIGHT		
1	WS	22	18	8		4						
2	WS	22	17	8		5						
3	WS	22	18	8		6						
STAND INFORMATION												
Stand Basal Area		SW	M ² /Ha	SWSL	M ² /Ha	HW	M ² /Ha	HWSL	M ² /Ha			
Species and (%)		WS100 %	%	%	%	WP						
Even-aged X		Uneven-aged						Biomass				
Slope		%	Aspect	L								
Stand Origin:		Old Field X	Partial Cut	Burn	Unploughed							
		Windfall	Non Forest		Ploughed X							
		Clear Cut	Unknown									
Stand Maturity Class:		Regeneration		Immature X	Mature	Over-mature						
Stand Stocking:		Understocked		Fully Stocked	Overstocked X	Patchy						
Density:		SW	2750	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:		devils paintbrush, daisy, timothy, grasses, clover										
Ground Hemlock		Y / N	X									
Invasive Species Present		Y / N	X	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	Good X	Excellent X	Erosion Control Required		Y / N				
Snag Trees:		Adequate	Inadequate X									
Coarse Woody Material:		Adequate	Inadequate X									
Dens		Nests (Raptors, songbirds, etc.)										
Wildlife Observed		flycatcher, sparrow in summer (snowshoe hare and squirrel tracks in winter)										
Comments												
STAND PRESCRIPTION												
No Treatment		Regeneration Cut		Crop Tree Release		Block Cut						
Shelterwood Cut		Selection Cut		Patch Cut		Strip Cut						
Commercial Thinning		2028	Afforestation	Site Preparation								
Pre-commercial Thinning			Reforestation	Riparian Zone Mgmt		Prune		2028				
Pln. Maint.		Y / N	Stems/Ha									
Comments:		a couple of WP (fill planted?), some dead WP noted, the main content is WS and the										
		WS are doing very well, good site for them, live crown ration around 30%, too dense, growing fast,										
		*the stand is too dense and the crowns will be under stress soon, small diameter product from thin										
		*7 rows of BF were noted										

STAND TALLY SHEET														
CRUISER		L. Stevenson			STAND # 780752 (part of)			PLANTATION #			2030302			
PROPERTY #		880609			AREA 1.59 ha			Date	6 /	1 /	2025			
									D	M	Y			
SAMPLE TREE INFORMATION														
TREE #	SPP.	AGE	D.B.H.	HEIGHT		TREE #	SPP.	AGE	D.B.H.	HEIGHT				
1	WS	22	18	8		4								
2	WS	22	16	8		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 (%)		WS98	%	WP2	%									
Even-aged		X	Uneven-aged		Biomass									
Slope		%	Aspect		L									
Stand Origin:		Old Field		X	Partial Cut		Burn		Unploughed					
		Windfall			Non Forest				Ploughed		X			
		Clear Cut			Unknown									
Stand Maturity Class:		Regeneration			Immature			X	Mature		Over-mature			
Stand Stocking:		Understocked			Fully Stocked			Overstocked		X	Patchy			
Density:		SW	2750		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:		daisy, timothy, grasses,												
Ground Hemlock		Y / N	X											
Invasive Species Present		Y / N	X		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		Good		X	Excellent		X	Erosion Control Required		Y / N	
Snag Trees:		Adequate		Inadequate		X								
Coarse Woody Material:		Adequate		Inadequate		X								
Dens		Nests (Raptors, songbirds, etc.)												
Wildlife Observed		robin												
Comments		keep edges unthinned for wildlife cover and to keep stand windfirm												
STAND PRESCRIPTION														
No Treatment		Regeneration Cut		Crop Tree Release		Block Cut								
Shelterwood Cut		Selection Cut		Patch Cut		Strip Cut								
Commercial Thinning		2028		Afforestation		Site Preparation								
Pre-commercial Thinning		Reforestation		Riparian Zone Mgmt		Prune								
Pln. Maint.		Y / N	Stems/Ha											
Comments:		6 rows of LA hedge to north edge, snow damage on a few tops, to north edge WP fill planted (now 8 m heights), a few lost to snow damage and mice, ant hills noted indicating good drainage, dense stand and live crow ratio 30% and will drop quickly, too dense, will need to commercially thin early but will be small diameter product (row thin east to west and leave edges untreated to keep windfirm concerning amount of bark beetle on WS stems, thin to increase health and vigor to protect												

STAND TALLY SHEET													
CRUISER		L. Stevenson		STAND #		780753		PLANTATION #		2060011			
PROPERTY #		880609		AREA		2.14 ha		Date		6 / 1 / 2025			
								D		M		Y	
SAMPLE TREE INFORMATION													
TREE #	SPP.	AGE	D.B.H.	HEIGHT		TREE #	SPP.	AGE	D.B.H.	HEIGHT			
1	WS	19	11	6		4							
2	WS	19	10	5.5		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 (%)		WS100 %	%	%	%	(WA)							
Even-aged		X	Uneven-aged					Biomass					
Slope		%	Aspect	L									
Stand Origin:		Old Field	X	Partial Cut		Burn		Unploughed					
		Windfall		Non Forest				Ploughed	X				
		Clear Cut		Unknown									
Stand Maturity Class:		Regeneration			Immature	X	Mature		Over-mature				
Stand Stocking:		Understocked			Fully Stocked		Overstocked	X	Patchy				
Density:		SW	3000	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:		natural grass, timothy, golden rod, devils paintbrush											
Ground Hemlock		Y / N	X										
Invasive Species Present		Y / N	X	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		Good	X	Excellent	X	Erosion Control Required	Y / N		
Snag Trees:		Adequate		Inadequate	X								
Coarse Woody Material:		Adequate		Inadequate	X								
Dens		Nests (Raptors, songbirds, etc.)											
Wildlife Observed		sparrows, snowshoe hare tracks											
Comments		good low cover adjacent woodlot road											
STAND PRESCRIPTION													
No Treatment				Regeneration Cut		Crop Tree Release		Block Cut					
Shelterwood Cut				Selection Cut		Patch Cut		Strip Cut					
Commercial Thinning		2030		Afforestation		Site Preparation							
Pre-commercial Thinning				Reforestation		Riparian Zone Mgmt		Prune					
Pln. Maint.		Y / N		Stems/Ha									
Comments:		good survival, noted a couple of 1.5m tall WA, a few 1 - 2m to northwest, WA browsed but still surviving, this site could be fill-planted with RM and/or RO, mice damage may be an issue!), may be ready to commercially thin by 2030+, check again, growing fast and high density, 1m growth noted on leders, will suppress crowns quickly to keep vigor and keep stand healthy and encourage rooting											

STAND TALLY SHEET												
CRUISER	L. Stevenson		STAND #	780764		PLANTATION #	2030317					
PROPERTY #	880609		AREA	0.25 ha		Date	6 /	1 /	2025			
							D	M	Y			
SAMPLE TREE INFORMATION												
TREE #	SPP.	AGE	D.B.H.	HEIGHT		TREE #	SPP.	AGE	D.B.H.	HEIGHT		
1	WP	22	16	8		4						
2	WP	22	20	8		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 (%)	WP100 %		%			%	WA					
Even-aged X		Uneven-aged								Biomass		
Slope		%	Aspect	L								
Stand Origin:	Old Field X		Partial Cut		Burn		Unploughed					
	Windfall		Non Forest				Ploughed X					
	Clear Cut		Unknown									
Stand Maturity Class:		Regeneration		Immature X		Mature		Over-mature				
Stand Stocking:		Understocked		Fully Stocked		Overstocked X		Patchy				
Density:	SW	2500	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:	grass											
Ground Hemlock		Y / N	X									
Invasive Species Present		Y / N	X		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		Good X	Excellent	X		Erosion Control Required		Y / N	
Snag Trees:	Adequate		Inadequate X									
Coarse Woody Material:		Adequate		Inadequate X								
Dens		Nests (Raptors, songbirds, etc.)	red-winged blackbird									
Wildlife Observed	at least two pairs of red-winged blackbirds and young noted in area (coyote and snowshoe hare)											
Comments												
STAND PRESCRIPTION												
No Treatment				Regeneration Cut		Crop Tree Release		Block Cut				
Shelterwood Cut				Selection Cut		Patch Cut		Strip Cut				
Commercial Thinning		2025		Afforestation		Site Preparation						
Pre-commercial Thinning				Reforestation		Riparian Zone Mgmt		Prune		2025		
Pln. Maint.		Y / N		Stems/Ha								
Comments:	big leders, the pine could be pruned in 2025, minimal weevil damage noted, limby, good vigor,											
	commercial thin to encourage growth and vigor on quality and limit blister rust, noted snowshoe											
	hare and coyote tracks in snow Jan. 2025											

STAND TALLY SHEET													
CRUISER		L. Stevenson		STAND #		780757		PLANTATION #		2030318			
PROPERTY #		880609		AREA		0.36 ha		Date		6 / 1 / 2025			
										D M Y			
SAMPLE TREE INFORMATION													
TREE #	SPP.	AGE	D.B.H.	HEIGHT		TREE #	SPP.	AGE	D.B.H.	HEIGHT			
1	WS	22		4.5		4							
2	WS	22		5		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 (%)		WS90	%	WP10	%		%	WA					
Even-aged X		Uneven-aged								Biomass			
Slope			%	Aspect	L								
Stand Origin:		Old Field	X	Partial Cut		Burn		Unploughed					
		Windfall		Non Forest				Ploughed	X				
		Clear Cut		Unknown									
Stand Maturity Class:		Regeneration			Immature	X		Mature		Over-mature			
Stand Stocking:		Understocked			Fully Stocked	X		Overstocked	X	Patchy			
Density:		SW	2500	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:		grass, vetch, daisy, goldenrod											
Ground Hemlock			Y / N	X									
Invasive Species Present			Y / N	X		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		Good	X	Excellent	X		Erosion Control Required	Y / N	
Snag Trees:		Adequate		Inadequate	X								
Coarse Woody Material:		Adequate		Inadequate	X								
Dens			Nests (Raptors, songbirds, etc.)										
Wildlife Observed		robin, sparrow, warbler (snowshoe hare tracks)											
Comments		edge of open field not pn., songbirds heard											
STAND PRESCRIPTION													
No Treatment					Regeneration Cut			Crop Tree Release			Block Cut		
Shelterwood Cut					Selection Cut			Patch Cut			Strip Cut		
Commercial Thinning			2028		Afforestation			Site Preparation					
Pre-commercial Thinning					Reforestation			Riparian Zone Mgmt			Prune	2028	
Pln. Maint.			Y / N		Stems/Ha								
Comments:		fill plant WS noted 1-2m, WP still OK (very little weevil damage noted), in 2014 leder growth was											
		noted around 1.0m, exposed to adjacent open land, a hole was noted in the center of the stand fill											
		planted with WS, keep edges dense for wind protection, minimal thin to encourage rooting and											
		windfirmness, excellent leder growth, monitor for future commercial thin											

STAND TALLY SHEET												
CRUISER		L. Stevenson		STAND #		780756		PLANTATION #		2030315		
PROPERTY #		880609		AREA		0.4 ha		Date		6 / 1 / 2025		
								D		M Y		
SAMPLE TREE INFORMATION												
TREE #	SPP.	AGE	D.B.H.	HEIGHT		TREE #	SPP.	AGE	D.B.H.	HEIGHT		
1	RP	22	18	6		4						
2	RP	22	17	6		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 (%)	RP100	%	%	%	%		BF					
Even-aged X	Uneven-aged									Biomass		
Slope	%	Aspect	L									
Stand Origin:	Old Field	X	Partial Cut		Burn		Unploughed					
	Windfall		Non Forest				Ploughed	X				
	Clear Cut		Unknown									
Stand Maturity Class:	Regeneration			Immature	X	Mature		Over-mature				
Stand Stocking:	Understocked		X	Fully Stocked	X	Overstocked		Patchy				
Density:	SW	750	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:				grass, vetch, daisy, timothy								
Ground Hemlock				Y / N	X							
Invasive Species Present				Y / N	X	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		Good	X	Excellent	X		Erosion Control Required	Y / N	
Snag Trees:	Adequate		Inadequate	X								
Coarse Woody Material:	Adequate		Inadequate	X								
Dens		Nests (Raptors, songbirds, etc.)										
Wildlife Observed	grackle, red-winged blackbird											
Comments	openings and clearing in understory											
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		Prune	2025			
Pln. Maint.	Y / N		Stems/Ha									
Comments:	noted a couple of BF (fill planted), poor potential, poor form due to snow damage and some shoot											
	moth, strip of LA on hedgerow to west, plantation exposed to elements adjacent agriculture,											
	snow damage and some shoot moth damage noted, plantation is exposed, could prune a few to											
	increase quality (low priority)											

STAND TALLY SHEET											
CRUISER		L. Stevenson		STAND # 780532 & 780767		PLANTATION # 2030304 BF					
PROPERTY #		880609		AREA 0.86 ha		Date		9 /	1 /	2025	
								D	M	Y	
SAMPLE TREE INFORMATION											
TREE #	SPP.	AGE	D.B.H.	HEIGHT		TREE #	SPP.	AGE	D.B.H.	HEIGHT	
1	BF	22		5		4					
2	BF	22		5		5					
3	BF	15		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 (%)		BF100 %	%	%	%	BF					
Even-aged X		Uneven-aged						Biomass			
Slope		%	Aspect	L							
Stand Origin:		Old Field X	Partial Cut	Burn	Unploughed						
		Windfall	Non Forest		Ploughed X						
		Clear Cut	Unknown								
Stand Maturity Class:		Regeneration		Immature X	Mature	Over-mature					
Stand Stocking:		Understocked		Fully Stocked X	Overstocked	Patchy X					
Density:		SW 1750	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:		grass, vetch, daisy, timothy									
Ground Hemlock		Y / N	X								
Invasive Species Present		Y / N	X	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	Good X	Excellent X	Erosion Control Required		Y / N			
Snag Trees:		Adequate	Inadequate X								
Coarse Woody Material:		Adequate	Inadequate X								
Dens		Nests (Raptors, songbirds, etc.)									
Wildlife Observed		grackle, red-winged blackbird									
Comments		heavy grass cover (vole habitat?), openings creating some diversity of cover									
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		X	Reforestation	Riparian Zone Mgmt		Prune					
Pln. Maint.		Y / N	Stems/Ha								
Comments:		BF is doing OK but not best suited to this site, the area may have had some minimal fill-planting,									
		heavy grass and some openings but doing reasonably well, leave to develop and reassess in 5 years									
		BF heights from 2m to 4m (possible plantation from 2009 originally 2090304)									
		*no treatment at this time (NTPF wreath options?), maybe pre-commercial thin patches in future?									

STAND TALLY SHEET											
CRUISER		L. Stevenson		STAND #		780754		PLANTATION #		2030308	
PROPERTY #		880609		AREA		0.37 ha		Date		6 / 1 / 2025	
								D		M Y	
SAMPLE TREE INFORMATION											
TREE #	SPP.	AGE	D.B.H.	HEIGHT		TREE #	SPP.	AGE	D.B.H.	HEIGHT	
1	WP	22	21	10		4					
2	WP	22	20	9		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 (%)		WP100 %	%	%	%	BF					
Even-aged X		Uneven-aged						Biomass			
Slope		%	Aspect	L							
Stand Origin:		Old Field X	Partial Cut	Burn	Unploughed						
		Windfall	Non Forest		Ploughed X						
		Clear Cut	Unknown								
Stand Maturity Class:		Regeneration		Immature X	Mature	Over-mature					
Stand Stocking:		Understocked		Fully Stocked	Overstocked X	Patchy					
Density:		SW	2000	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:		grass									
Ground Hemlock		Y / N	X								
Invasive Species Present		Y / N	X	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	Good X	Excellent X	Erosion Control Required		Y / N			
Snag Trees:		Adequate	Inadequate X								
Coarse Woody Material:		Adequate	Inadequate X								
Dens		Nests (Raptors, songbirds, etc.)									
Wildlife Observed		sparrow, snowshoe hare tracks on edges									
Comments											
STAND PRESCRIPTION											
No Treatment		Regeneration Cut		Crop Tree Release		Block Cut					
Shelterwood Cut		Selection Cut		Patch Cut		Strip Cut					
Commercial Thinning		2025	Afforestation	Site Preparation							
Pre-commercial Thinning			Reforestation	Riparian Zone Mgmt		Prune		2025			
Pln. Maint.		Y / N	Stems/Ha								
Comments:		a couple with weevil damage, a couple with snow damage?, a couple of BF noted (old fill plants),									
		a few openings in the main plantation but overall the plantation is good, the Pine will be limby if									
		not pruned due to some of the open grown situations, developing quickly, prune to encourage									
		quality and limit blister rust									

STAND TALLY SHEET													
CRUISER		L. Stevenson		STAND #		780766		PLANTATION #		2030306			
PROPERTY #		880609		AREA		0.38 ha		Date		6 / 1 / 2025			
								D		M Y			
SAMPLE TREE INFORMATION													
TREE #	SPP.	AGE	D.B.H.	HEIGHT		TREE #	SPP.	AGE	D.B.H.	HEIGHT			
1	WS	22	11	5		4							
2	WS	22	12	5		5							
3	WA			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 (%)		WS90	%	WA10	%		%	BF					
Even-aged X		Uneven-aged						Biomass					
Slope			%	Aspect		L							
Stand Origin:		Old Field X		Partial Cut		Burn		Unploughed					
		Windfall		Non Forest				Ploughed X					
		Clear Cut		Unknown									
Stand Maturity Class:		Regeneration		Immature X		Mature		Over-mature					
Stand Stocking:		Understocked		Fully Stocked X		Overstocked		Patchy					
Density:		SW	2000	HW	125								
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:		grass, daisy, devils paintbrush, (*staghorn sumac noted to the southwest)											
Ground Hemlock			Y / N	X									
Invasive Species Present			Y / N	X	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		Good	X	Excellent	X	Erosion Control Required		Y / N	
Snag Trees:		Adequate		Inadequate X									
Coarse Woody Material:		Adequate		Inadequate X									
Dens		Nests (Raptors, songbirds, etc.)											
Wildlife Observed		sparrow											
Comments													
STAND PRESCRIPTION													
No Treatment				Regeneration Cut				Crop Tree Release				Block Cut	
Shelterwood Cut				Selection Cut				Patch Cut				Strip Cut	
Commercial Thinning		2030?		Afforestation				Site Preparation					
Pre-commercial Thinning				Reforestation				Riparian Zone Mgmt				Prune	
Pln. Maint.			Y / N	Stems/Ha									
Comments:		White Ash pocket to the west, good survival, the site is dry but heights 4.5-5m											
		strip with openings and weaker densities to the east edge, grass, may not have been fill-planted in											
		this specific area, exposed to agriculture, monitor for future commercial thin of interior patch, main-											
		tain edges for buffers, exposed to winds											

STAND TALLY SHEET														
CRUISER		L. Stevenson			STAND #		780761			PLANTATION #		2030312		
PROPERTY #		880609			AREA		0.36 ha		Date		9 / 1 / 2025			
											D M Y			
SAMPLE TREE INFORMATION														
TREE #	SPP.	AGE	D.B.H.	HEIGHT		TREE #	SPP.	AGE	D.B.H.	HEIGHT				
1	WS	22	12	6		4								
2	WS	22	11	5.5		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 (%)		WS	%	NS	%	(*NS fill planted with WS)								
Even-aged X		Uneven-aged		Biomass										
Slope		%	Aspect		L									
Stand Origin:		Old Field X		Partial Cut		Burn		Unploughed						
		Windfall		Non Forest		Ploughed X								
		Clear Cut		Unknown										
Stand Maturity Class:		Regeneration		Immature X		Mature		Over-mature						
Stand Stocking:		Understocked		Fully Stocked X		Overstocked		Patchy						
Density:		SW	2500		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:					grass, thistle, golden rod, purple vetch, (rich flat with topsoil from old run-off with thistles)									
Ground Hemlock					Y / N	X								
Invasive Species Present					Y / N	X	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		Good	X	Excellent		X	Erosion Control Required		Y / N		
Snag Trees:		Adequate		Inadequate X										
Coarse Woody Material:		Adequate		Inadequate X										
Dens		Nests (Raptors, songbirds, etc.)												
Wildlife Observed		sparrow, robin, red-winged blackbird, snowshoe hare winter tracks												
Comments														
STAND PRESCRIPTION														
No Treatment				Regeneration Cut				Crop Tree Release				Block Cut		
Shelterwood Cut				Selection Cut				Patch Cut				Strip Cut		
Commercial Thinning		X		Afforestation				Site Preparation						
Pre-commercial Thinning				Reforestation				Riparian Zone Mgmt				Prune		
Pln. Maint.		Y / N		Stems/Ha										
Comments:		good density, doing well, no treatment required at this point, this area was planted with NS and then fill planted with WS, a few NS are visible but mainly WS in the main portion of the stand developing, eventually will require a commercial thinning to keep growing, denser sections, assess in 3-5 years to time thinning												

STAND TALLY SHEET													
CRUISER		L. Stevenson		STAND #		780758		PLANTATION #		2030309			
PROPERTY #		880609		AREA		0.39 ha		Date		9 / 1 / 2025			
								D		M Y			
SAMPLE TREE INFORMATION													
TREE #	SPP.	AGE	D.B.H.	HEIGHT		TREE #	SPP.	AGE	D.B.H.	HEIGHT			
1	BS	22		4		4							
2	WS	22		4		5							
3	BS	22		4		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	%	WS40	%		%						
Even-aged X		Uneven-aged						Biomass					
Slope			%	Aspect		L							
Stand Origin:		Old Field X		Partial Cut		Burn		Unploughed					
		Windfall		Non Forest				Ploughed X					
		Clear Cut		Unknown									
Stand Maturity Class:		Regeneration		Immature X		Mature		Over-mature					
Stand Stocking:		Understocked		Fully Stocked X		Overstocked		Patchy					
Density:		SW	2250	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:		grass, devils paintbrush											
Ground Hemlock		Y / N		X									
Invasive Species Present		Y / N		X		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		Good X		Excellent X		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 in snow, coyote tracks on road edge											
Comments		dense low cover, some small openings											
STAND PRESCRIPTION													
No Treatment				Regeneration Cut				Crop Tree Release				Block Cut	
Shelterwood Cut				Selection Cut				Patch Cut				Strip Cut	
Commercial Thinning		X		Afforestation				Site Preparation					
Pre-commercial Thinning				Reforestation				Riparian Zone Mgmt				Prune	
Pln. Maint.		Y / N		Stems/Ha									
Comments:		BS a bit slow growing, BS heavy cones, WS were fill planted (a few lost to meadow vole),											
		noted a few dead BS, fill plants growing well, leave to develop and reassess periodically to time											
		future commercial thinning if needed (possibly 5-10 years)											

STAND TALLY SHEET											
CRUISER		L. Stevenson		STAND #		780524		PLANTATION #		2030310	
PROPERTY #		880609		AREA		0.37 ha		Date		9 / 1 / 2025	
								D		M Y	
SAMPLE TREE INFORMATION											
TREE #	SPP.	AGE	D.B.H.	HEIGHT		TREE #	SPP.	AGE	D.B.H.	HEIGHT	
1	LA	22	22	12		4					
2	LA	22	19	12		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 (%)		LA100	%	%	%						
Even-aged X		Uneven-aged						Biomass			
Slope		%	Aspect		L						
Stand Origin:		Old Field X		Partial Cut		Burn		Unploughed			
		Windfall		Non Forest				Ploughed X			
		Clear Cut		Unknown							
Stand Maturity Class:		Regeneration		Immature X		Mature		Over-mature			
Stand Stocking:		Understocked		Fully Stocked X		Overstocked		Patchy			
Density:		SW	1250	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:		grass, devils paintbrush (thistle found in rich flat, runoff of topsoil in the past from the agricultural land to the east)									
Ground Hemlock		Y / N	X								
Invasive Species Present		Y / N	X	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	Good X	Excellent X	Erosion Control Required		Y / N			
Snag Trees:		Adequate	Inadequate X								
Coarse Woody Material:		Adequate	Inadequate X								
Dens		Nests (Raptors, songbirds, etc.)									
Wildlife Observed		robin, sparrow									
Comments											
STAND PRESCRIPTION											
No Treatment		Regeneration Cut		Crop Tree Release		Block Cut X					
Shelterwood Cut		Selection Cut		Patch Cut		Strip Cut					
Commercial Thinning		Afforestation		Site Preparation X							
Pre-commercial Thinning		Reforestation X		Riparian Zone Mgmt		Prune					
Pln. Maint.		Y / N	Stems/Ha								
Comments:		density is OK on the slopes leading to the rich flat, the flat is clear with no trees, leave the area to develop as is at this point, the grass in the flat is trapping nutrients in surface runoff from adjacent field, prone to windfall if opened up (harvest only if becomes wind damaged)									

STAND TALLY SHEET													
CRUISER		L. Stevenson		STAND #		780525		PLANTATION #		2030314			
PROPERTY #		880609		AREA		0.36 ha		Date		9 / 1 / 2025			
								D		M Y			
SAMPLE TREE INFORMATION													
TREE #	SPP.	AGE	D.B.H.	HEIGHT		TREE #	SPP.	AGE	D.B.H.	HEIGHT			
1	JL	22	14	8		4							
2	JL	22	11	8		5							
3	JL	22	16	9		6							
STAND INFORMATION													
Stand Basal Area		SW		M ² /Ha	SWSL		M ² /Ha	HW		M ² /Ha	HWSL		M ² /Ha
Species and (%)		JL100	%	%	%	%							
Even-aged X		Uneven-aged								Biomass			
Slope		%	Aspect	L									
Stand Origin:		Old Field X	Partial Cut		Burn			Unploughed					
		Windfall	Non Forest					Ploughed X					
		Clear Cut	Unknown										
Stand Maturity Class:		Regeneration		Immature X		Mature		Over-mature					
Stand Stocking:		Understocked		Fully Stocked X		Overstocked		Patchy					
Density:		SW	1500	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:				grass in clearing, in most of stand where well-stocked vegetation is being shaded out									
Ground Hemlock				Y / N	X								
Invasive Species Present				Y / N	X	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		Good X		Excellent X		Erosion Control Required	Y / N		
Snag Trees:		Adequate		Inadequate X									
Coarse Woody Material:		Adequate		Inadequate X									
Dens			Nests (Raptors, songbirds, etc.)										
Wildlife Observed		robin, sparrow											
Comments													
STAND PRESCRIPTION													
No Treatment				Regeneration Cut		Crop Tree Release		Block Cut					
Shelterwood Cut				Selection Cut	X	Patch Cut		Strip Cut					
Commercial Thinning				Afforestation		Site Preparation							
Pre-commercial Thinning				Reforestation		Riparian Zone Mgmt		Prune					
Pln. Maint.		Y / N		Stems/Ha									
Comments:		tree form is poor, this is a small stand and completely exposed to winds during its development,											
		crooks, grass clearing is found in center of stand, a couple of 2m WB were noted on the road edge,											
		possibly the result of seed dispersed by wildlife, the area is quite small and difficult to treat, could											
		commercially thin but may experience windfall											

STAND TALLY SHEET													
CRUISER	L. Stevenson			STAND # 780811, 780759, 780828, PLANTATION # 2110319 WS									
780762, 780763, 780765, 780760, 780769,													
PROPERTY #	880609			AREA	5.78 ha		Date	9 /	1 /	2025			
								D	M	Y			
SAMPLE TREE INFORMATION													
TREE #	SPP.	AGE	D.B.H.	HEIGHT		TREE #	SPP.	AGE	D.B.H.	HEIGHT			
1	WS	14		5		4	WS				5		
2	WS	14		4.5		5	WS				4		
3	WS	14		5		6	WS				5		
STAND INFORMATION													
Stand Basal Area	SW		M ² /Ha	SWSL		M ² /Ha	HW		M ² /Ha	HWSL		M ² /Ha	
Species and (%)	WS100 %		%		%								
Even-aged X	Uneven-aged									Biomass			
Slope		%	Aspect	L									
Stand Origin:	Old Field X		Partial Cut		Burn		Unploughed						
	Windfall		Non Forest				Ploughed X						
	Clear Cut		Unknown										
Stand Maturity Class:	Regeneration				Immature X		Mature		Over-mature				
Stand Stocking:	Understocked				Fully Stocked X		Overstocked		Patchy				
Density:	SW	2500	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:	grass, golden rod, purple vetch, daisy,												
Ground Hemlock		Y / N	X										
Invasive Species Present		Y / N	X		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		Good	X	Excellent	X		Erosion Control Required		Y / N	
Snag Trees:	Adequate		Inadequate	X									
Coarse Woody Material:	Adequate		Inadequate	X									
Dens		Nests (Raptors, songbirds, etc.)											
Wildlife Observed	robin, sparrow, red-winged blackbird, (winter tracks squirrel, snowshoe hare and coyote)												
Comments													
STAND PRESCRIPTION													
No Treatment				Regeneration Cut		Crop Tree Release		Block Cut					
Shelterwood Cut				Selection Cut		Patch Cut		Strip Cut					
Commercial Thinning		X		Afforestation		Site Preparation							
Pre-commercial Thinning				Reforestation		Riparian Zone Mgmt		Prune					
Pln. Maint.		Y / N		Stems/Ha									
Comments:	this tally describes a grouping of plantations , the areas are stocked and doing well overall,												
	most were planted around 2011, WS is suited to the site, good leder growth, stands too dense and												
	will require commercial thinning to maintain vigor, assess periodically, possible commercial thin in												
	5 to 10, reassess to appropriately time but don't leave too long to maintain health and resiliency												
	***a number of WS plantations were grouped together into this plantation ID number to indicate												
	age and similar stand type and treatment options.												

Appendix G. Plantation Map with Contour Lines



Appendix H. Work Completed

activity #	treatment code	amount completed	treatment date	treatment description	
0	16B	1.45	4/1/2006	Mechanical roadside trimming	
0	16B	1.45	8/6/2007	Mechanical roadside trimming	
2030306	30B	0.35	6/9/2008	Manual Site Preparation per Site (Hawk)	
2030309	30B	0.38	6/2/2008	Manual Site Preparation per Site (Hawk)	
2030318	30B	0.28	6/3/2008	Manual Site Preparation per Site (Hawk)	
2030316	30B	0.36	6/4/2008	Manual Site Preparation per Site (Hawk)	
2030312	30B	0.39	6/5/2008	Manual Site Preparation per Site (Hawk)	
2030313	30B	0.39	6/6/2008	Manual Site Preparation per Site (Hawk)	
2030301	30B	1.03	6/18/2008	Manual Site Preparation per Site (Hawk)	
2030308	30B	240	6/4/2009	Manual Site Preparation per Site (Hawk)	
2090301	30B	237	6/1/2009	Manual Site Preparation per Site (Hawk)	
2030305	30B	440	6/5/2009	Manual Site Preparation per Site (Hawk)	
2090304	30B	2803	6/4/2009	Manual Site Preparation per Site (Hawk)	
2090302	30B	810	6/1/2009	Manual Site Preparation per Site (Hawk)	
2090303	30B	802	5/27/2009	Manual Site Preparation per Site (Hawk)	
2060011	30B	1890	6/10/2010	Manual Site Preparation per Site (Hawk)	
2030302	30B	450	6/10/2010	Manual Site Preparation per Site (Hawk)	
2100322	30B	165	6/8/2010	Manual Site Preparation per Site (Hawk)	
2100322	30B	1089	6/2/2010	Manual Site Preparation per Site (Hawk)	
2100322	30B	1136	6/4/2010	Manual Site Preparation per Site (Hawk)	
2100321	30B	1225	6/7/2010	Manual Site Preparation per Site (Hawk)	
2100321	30B	500	6/4/2010	Manual Site Preparation per Site (Hawk)	
2113213	30B	1448	6/21/2011	Manual Site Preparation per Site (Hawk)	
2113214	30B	1170	6/22/2011	Manual Site Preparation per Site (Hawk)	
2113212	30B	1105	6/1/2011	Manual Site Preparation per Site (Hawk)	
2113215	30B	180	6/1/2011	Manual Site Preparation per Site (Hawk)	
2113214	30B	999	6/2/2011	Manual Site Preparation per Site (Hawk)	
2113211	30B	1289	5/31/2011	Manual Site Preparation per Site (Hawk)	
0	30B	360	6/5/2009	Manual Site Preparation per Site (Hawk)	
2113217	30B	780	6/23/2011	Manual Site Preparation per Site (Hawk)	
2120011	30B	650	9/11/2012	Manual Site Preparation per Site (Hawk)	
	30B	1932	5/16/2013	Manual Site Preparation per Site (Hawk)	
	320	1	10/10/2018	Provincial Forest Sign Installation	
2030316	50CF	405	6/12/2008	FILL PLANT AREA - CENTRAL	
2030309	51C	1088	5/25/2005	BLACK SPRUCE - CENTRAL	
2030315	53C	943	5/25/2005	RED PINE - CENTRAL	
2030308	54C	134	5/25/2005	BALSAM FIR - CENTRAL	
2030304	54C	1072	5/25/2005	BALSAM FIR - CENTRAL	
2090301	54C	237	6/1/2009	BALSAM FIR - CENTRAL	

(continued)

2090304	54C	2803	6/4/2009	BALSAM FIR - CENTRAL
2030308	54CF	240	6/4/2009	FILL PLANT BALSAM FIR - CEN
2030305	54CF	440	6/5/2009	FILL PLANT BALSAM FIR - CEN
2030315	54CF	360	6/5/2009	FILL PLANT BALSAM FIR - CEN
6112011	55C	908	6/11/2011	WHITE SPRUCE - CENTRAL
2120011	55C	650	9/11/2012	WHITE SPRUCE - CENTRAL
2113214	55C	1170	6/22/2011	WHITE SPRUCE - CENTRAL
2113213	55C	1448	6/2/2011	WHITE SPRUCE - CENTRAL
2113211	55C	1260	5/31/2011	WHITE SPRUCE - CENTRAL
2113215	55C	180	6/1/2011	WHITE SPRUCE - CENTRAL
2113214	55C	990	6/2/2011	WHITE SPRUCE - CENTRAL
2113212	55C	1105	6/1/2011	WHITE SPRUCE - CENTRAL
2090302	55C	810	6/1/2009	WHITE SPRUCE - CENTRAL
2090303	55C	802	5/29/2009	WHITE SPRUCE - CENTRAL
2100321	55C	165	6/8/2010	WHITE SPRUCE - CENTRAL
2100321	55C	500	6/4/2010	WHITE SPRUCE - CENTRAL
2100321	55C	1089	6/2/2010	WHITE SPRUCE - CENTRAL
2100321	55C	1136	6/4/2010	WHITE SPRUCE - CENTRAL
2030302	55C	3233	5/25/2005	WHITE SPRUCE - CENTRAL
2030303	55C	915	5/25/2005	WHITE SPRUCE - CENTRAL
2030305	55C	752	5/25/2005	WHITE SPRUCE - CENTRAL
2030306	55C	976	5/25/2005	WHITE SPRUCE - CENTRAL
2030316	55C	656	5/25/2005	WHITE SPRUCE - CENTRAL
2030318	55C	641	5/25/2005	WHITE SPRUCE - CENTRAL
2060021	55C	3705	6/12/2006	WHITE SPRUCE - CENTRAL
	55C	1932	5/17/2013	WHITE SPRUCE - CENTRAL
2100321	55C	1225	6/7/2010	WHITE SPRUCE - CENTRAL
2030313	55CF	1100	6/16/2008	FILL PLANT WHITE SPRUCE - C
2030312	55CF	1100	6/13/2008	FILL PLANT WHITE SPRUCE - C
2060011	55CF	1890	6/10/2010	FILL PLANT WHITE SPRUCE - C
2030302	55CF	450	6/10/2010	FILL PLANT WHITE SPRUCE - C
2030318	55CF	728	6/11/2008	FILL PLANT WHITE SPRUCE - C
2030309	55CF	715	6/10/2008	FILL PLANT WHITE SPRUCE - C
2030306	55CF	180	6/9/2008	FILL PLANT WHITE SPRUCE - C
2030318	56C	163	5/25/2005	WHITE PINE - CENTRAL
2030316	56C	341	5/25/2005	WHITE PINE - CENTRAL
2030317	56C	699	5/25/2005	WHITE PINE - CENTRAL
2030305	56C	358	5/25/2005	WHITE PINE - CENTRAL
2030308	56C	975	5/25/2005	WHITE PINE - CENTRAL
2030307	58C	159	5/25/2005	YELLOW BIRCH - CENTRAL
2030301	59C	3024	5/25/2005	EASTERN LARCH - CENTRAL
2030310	59C	1229	5/25/2005	EASTERN LARCH - CENTRAL
2030301	59CF	950	6/20/2008	FILL PLANT EASTERN LARCH -C
2030314	61C	1008	5/25/2005	JAPANESE LARCH - CENTRAL
2030307	64C	405	5/25/2005	RED OAK - CENTRAL
2030307	65C	405	5/25/2005	WHITE ASH - CENTRAL
2030311	67C	868	5/25/2005	NORWAY SPRUCE - CENTRAL
2030312	67C	1116	5/25/2005	NORWAY SPRUCE - CENTRAL
2030313	70C	945	5/25/2005	RED SPRUCE - CENTRAL