

Compartment Review Presentation

Traverse City Forest Management Unit

Compartment 61004 Entry Year 2024 Acreage: 3,363

County Benzie

Management Area: Benzie Moraines

Stand Examiner: Tim Webb

Legal Description:

T27N R13W Sections 6, 7, 8, 18; T27N R14W Sections 1, 12, 13

Identified Planning Goals:

According to the Regional State Forest Management Plan, this compartment is included in the Benzie Moraines management area (MA). Vegetative management in this MA is aimed at producing various forest products; maintaining or enhancing biodiversity conservation and wildlife habitat; protecting areas of unique character and threatened, endangered and special concern species; providing for forest-based recreational uses; and Native American non-commercial use of forest products. Timber management for this 10-year planning period includes improving the age-class structure of aspen and red pine and continued selection harvesting in high-quality northern hardwoods to achieve an all-age structure. Wildlife management objectives include increasing the structural complexity of northern hardwood communities for interior forest species and perpetuating early-successional communities for species adapted to young forests. Expected trends within this 10-year planning period are continued forest pest issues and an increase in recreational trail use.

Northern hardwood stands and red pine and white pine plantations occupy most of the uplands in compartment 4. Past treatments in the deciduous types have had a variety of outcomes depending on soil type, topography, amount of aspen in the species mix, degree of canopy opening, and potential for beech regeneration. More recent regeneration harvests have resulted in only beech and ironwood regeneration; future harvest prescriptions should be curtailed or modified until better silvicultural methods for maple and basswood regeneration are developed. Some hardwood stands in draws and depressions, influenced by cold air drainage, are occupied by quaking aspen, low-quality cherry, and other hardwoods. Many of these sites have a well-stocked understory of red and sugar maple which will further develop if the aspen overstory is allowed to senesce.

Pine plantations can continue to be managed with periodic thinnings. White pine plantations with a component of hardwoods can gradually be managed toward a more natural mix, focusing on retention of higher quality trees with each thinning and on increasing within-stand diversity. Final harvest and replanting should be prescribed for a suitable proportion of the red pine plantations.

Numerous small wetlands and herbaceous openings are situated in kettle depressions. Several of these wetlands have begun to harbor phragmites. Herbicide treatment or other control methods should be considered to eliminate this invasive species, as well as autumn olive and garlic mustard which are also in or near the compartment.

Soil and topography:

Soil types are predominantly well drained to excessively drained sands, including Benzonia, Kaleva, Benona, Fogg, and other sandy soils. Small areas of loamy sand occur in places. Wetlands contain histosols or muck soils. Most of the compartment is situated on moraine and pitted outwash plain landforms. Consequently, the land is rather hilly with numerous kettle depressions.

Ownership Patterns, Development, and Land Use in and Around the Compartment:

Compartment 4 connects on the north, west, and south with a fairly large block of state land having scattered private inholdings. To the east and northeast are rural residential properties, small agricultural fields, fragmented private forest land, and lakefront homes on Pearl Lake and other small lakes. Mistwood Golf Course is about 1½ miles to the east. New development has slowed in recent years.

Unique Natural Features:

State land surrounds Lime Lake and Hartman Lake within the compartment, with additional state land frontage on Pearl and Garey Lakes. Small wetlands are scattered through the compartment, situated in kettle depressions.

Archeological, Historical, and Cultural Features:

There is evidence within the compartment of early 1900s homesteads, including lilac bushes, fruit trees, black locust trees, and remnant fields.

Special Management Designations or Considerations:

There are two Special Conservation Areas within the compartment. These areas, previously mapped as proposed old growth, have been deferred from timber harvest since that former 1997 plan designation. These same areas, more or less, are now designated as Special Conservation Areas. Boundaries have been adjusted to coincide less with forest stands and more with physical features such as roads, trails, and topography. These SCAs are designed to promote structural and successional development of forests, associated wildlife habitat, recreational opportunities, and to maintain a remote, rustic character. Commercial timber harvest is limited to treatments which enhance these values or to respond to serious forest health issues.

Watershed and Fisheries Considerations:

This compartment contains portions of Pearl Lake, Lime Lake, Garey Lake, and Hartman Lake, and is part of the Platte River watershed. There are also numerous wetland areas in this compartment. Fisheries Division currently stocks Lime Lake with walleye in order to create a remote and unique walleye angling opportunity.

Wildlife Habitat Considerations:

A majority of compartment 4 lies along a small moraine ridge. This area is characterized by having many kettle lakes and well drained sands. Existing northern hardwood stands should be managed to perpetuate the cover type. Timber prescriptions in the northern hardwood stands should be designed to promote species diversity as well as to leave snags, coarse woody debris, and conifers. Several small white pine plantations are slowly converting to hardwoods, but currently provide pockets of dense cover for wildlife, such as: eastern gray squirrels, common gray fox, white breasted nuthatches, and blue-spotted salamanders. Pockets of higher quality aspen should be maintained within hardwood stands through periodic patch cutting. These aspen pockets should be located on the fringe of the hardwood blocks where fires on the outwash plains might have penetrated slightly into moraine country. In general, aspen stands in this area show a strong component of hardwoods and should convert to hardwoods in time. The openings on the moraine ridges are typically the result of frost pockets and consequently need little maintenance.

The southeast corner of the compartment transitions into a pitted outwash plain. This more fire prone area should be managed in conjunction with similar LTAs in neighboring compartments, for a variety of forest age classes, successional stages, and patch sizes, as well as grass/shrub openings. Several upland brush communities here require some removal of woody encroachment via adjacent timber sales.

Mineral Resource and Development Concerns and/or Restrictions

Two active sand/gravel pits exist within one mile southeast of the compartment. There is good potential for sand and gravel within the compartment. Bedrock beneath the compartment appears to be primarily Antrim Shale, but the Antrim is likely too thin here to have significant gas potential. There is no other known potential for oil & gas beneath the compartment, and there has been very sparse exploration in this area. There is no known metallic mineral potential in this part of the state. The state does not own all the mineral rights within the compartment. Because the mineral estate is the dominant estate, reasonable access to the surface must be provided to private owners if they choose to explore or develop their mineral rights.

Vehicle Access:

Much of the compartment is somewhat remote and hilly, but access is sufficient. Some areas may have fairly long skidding or forwarding routes if prescribed for timber management, but building new roads would be difficult, intrusive, and unnecessary.

Survey Needs:

No survey needs.

Recreational Facilities and Opportunities:

Compartment 4 includes Garey Lake State Forest Campground & Trail Camp. The Shore-to-Shore Riding-Hiking Trail spans the entire compartment north to south, so horseback riding is important here. The Platte River Snowmobile Trail passes through the north part of the compartment. Pearl and Lime Lakes are popular for camping, fishing, and waterfowl hunting. Dispersed recreation includes deer hunting and mushrooming.

Fire Protection:

Fire protection for this area is covered by both Homestead Fire Department and Almira Fire Department. Wildfire coverage is handled out of the Traverse City Field Office. Vehicle access to part of the compartment is limited due to the rolling terrain and lack of seasonal roads or logging skid trails. In other areas of the compartment access is fair but limited. The area is dominated by mature hardwoods with relatively little wildfire history. Water supply sources in the event of a wildfire are readily available from any one of the local lakes in the immediate area.

Additional Compartment Information:

The following reports from the Inventory are attached:

Total Acres by Cover Type and Age Class
Cover Type by Harvest Method
Proposed Treatments – No Limiting Factors
Proposed Treatments – With Limiting Factors
Stand Details (Forested and Nonforested)
Dedicated and Proposed Special Conservation Areas
Site Condition Details

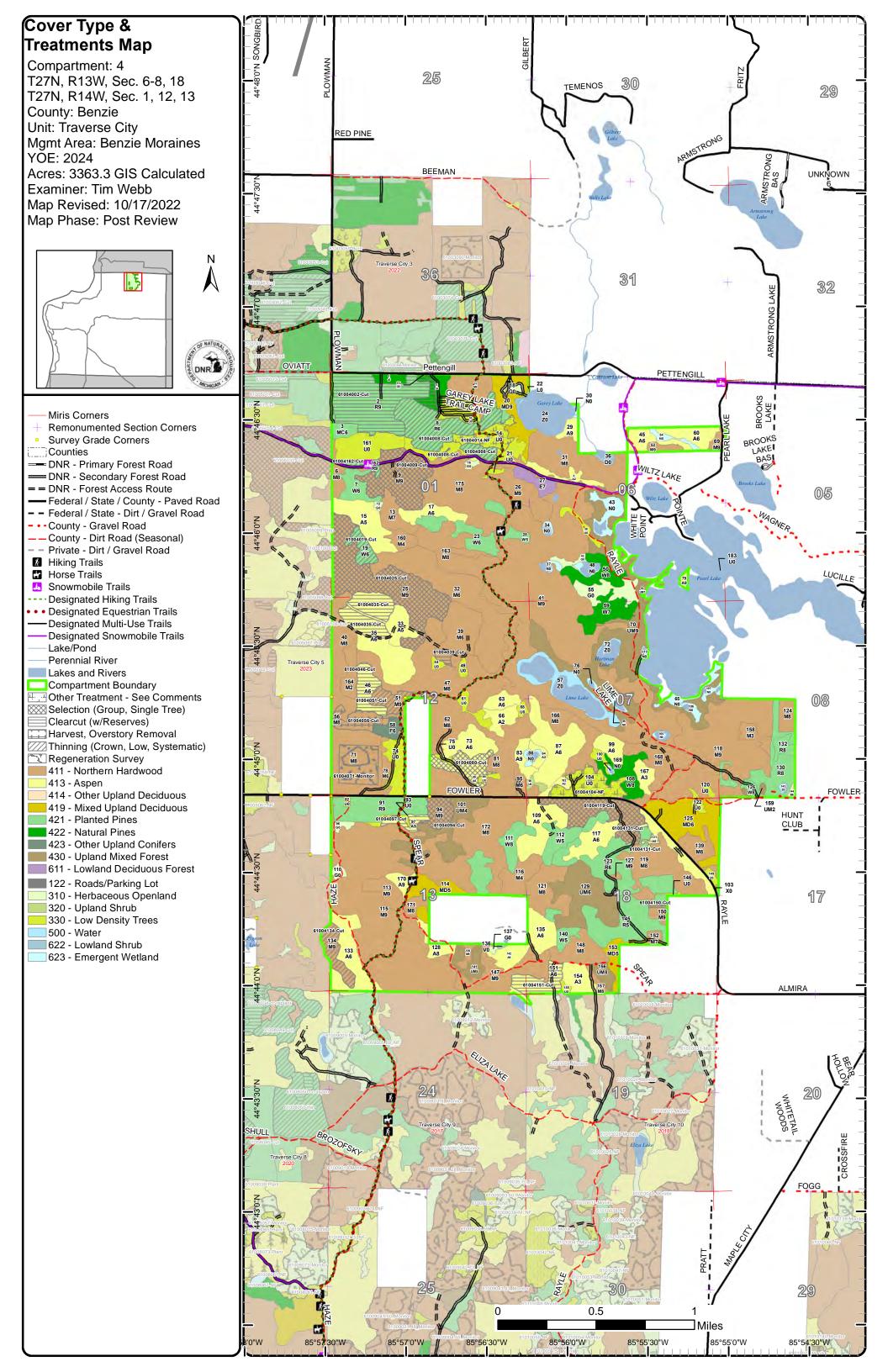
The following information is displayed, where pertinent, on the attached compartment maps:

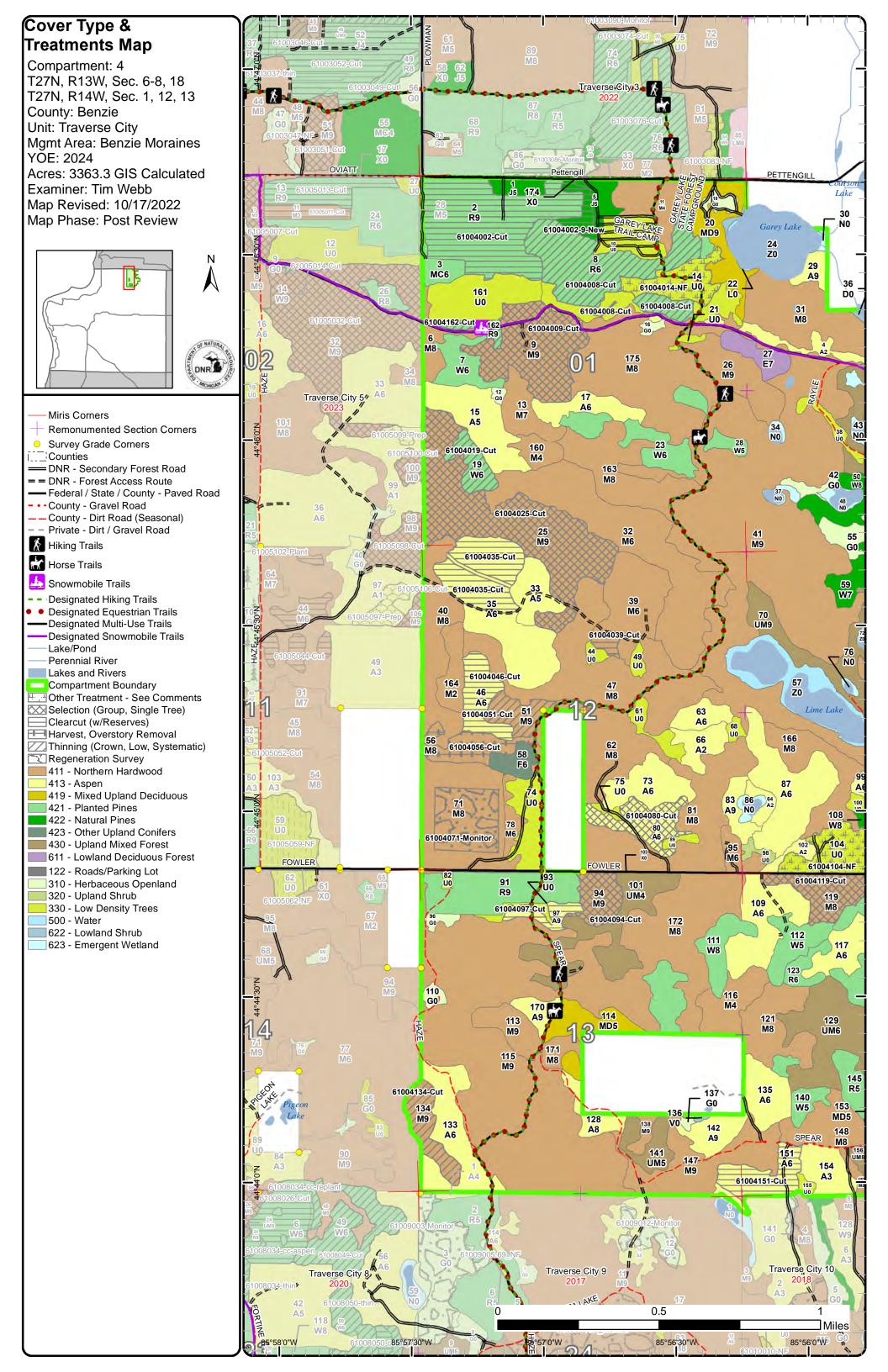
Base feature information, stand boundaries, cover types, and numbers

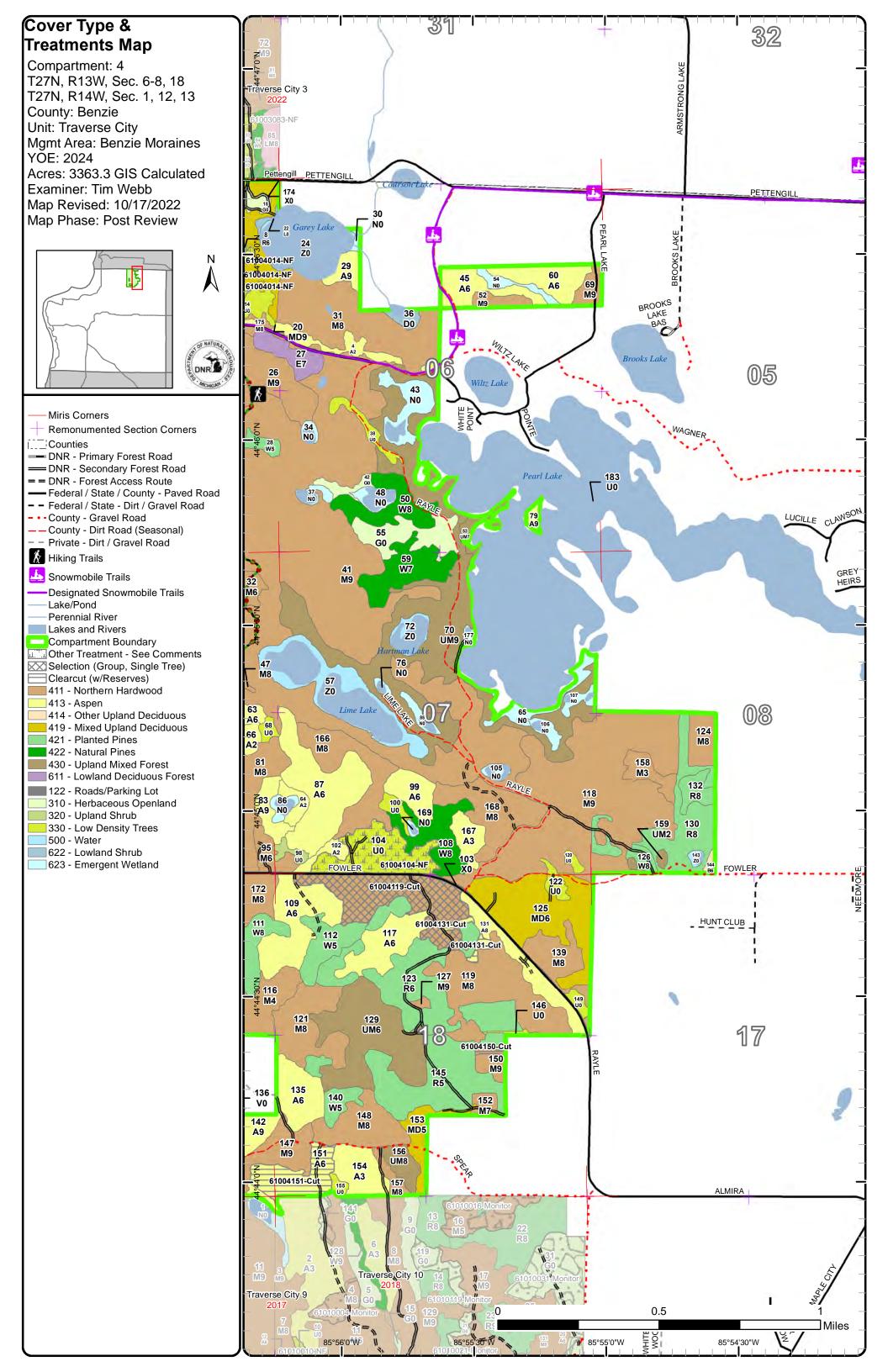
Proposed treatments

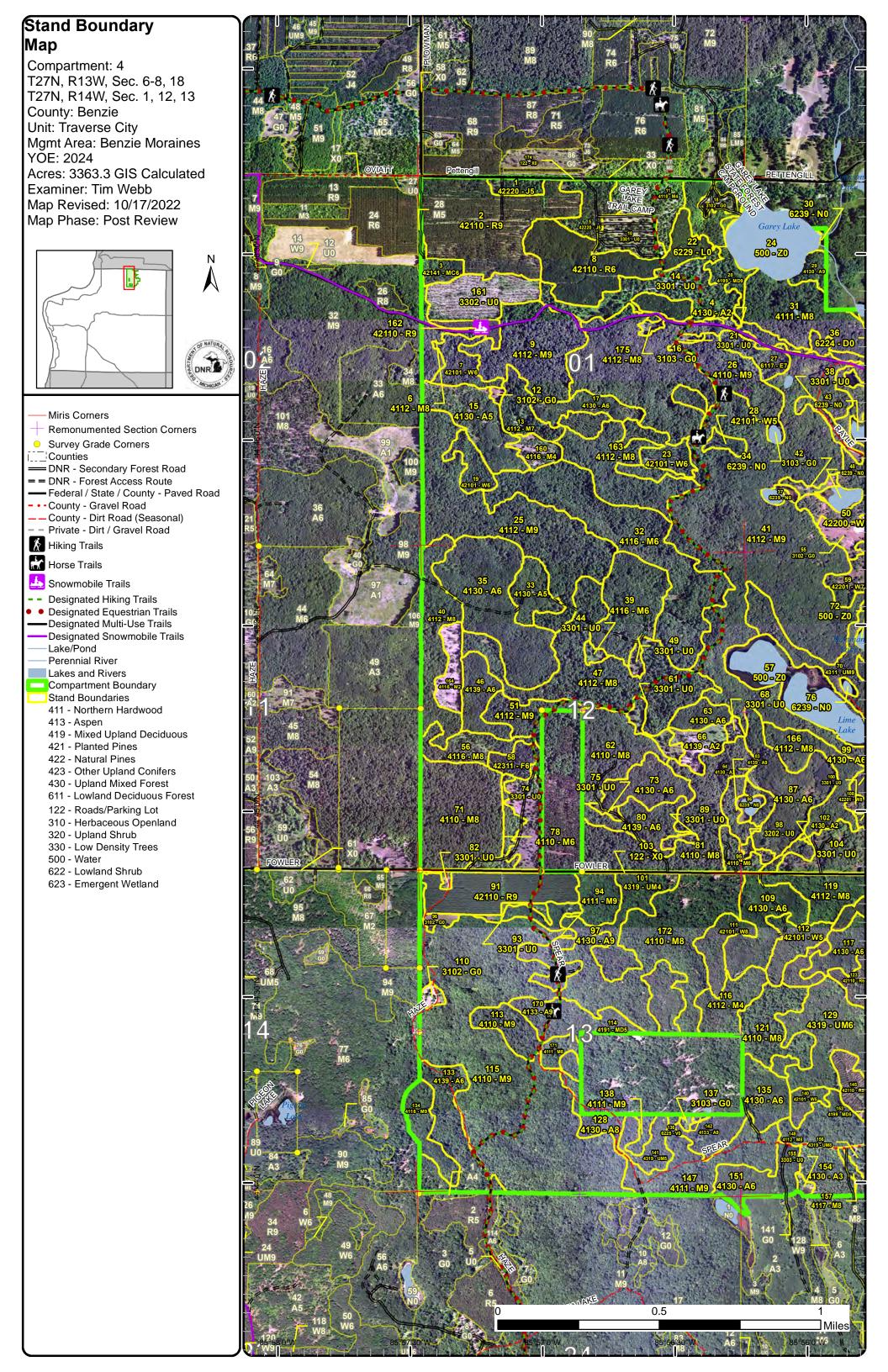
Site condition boundaries

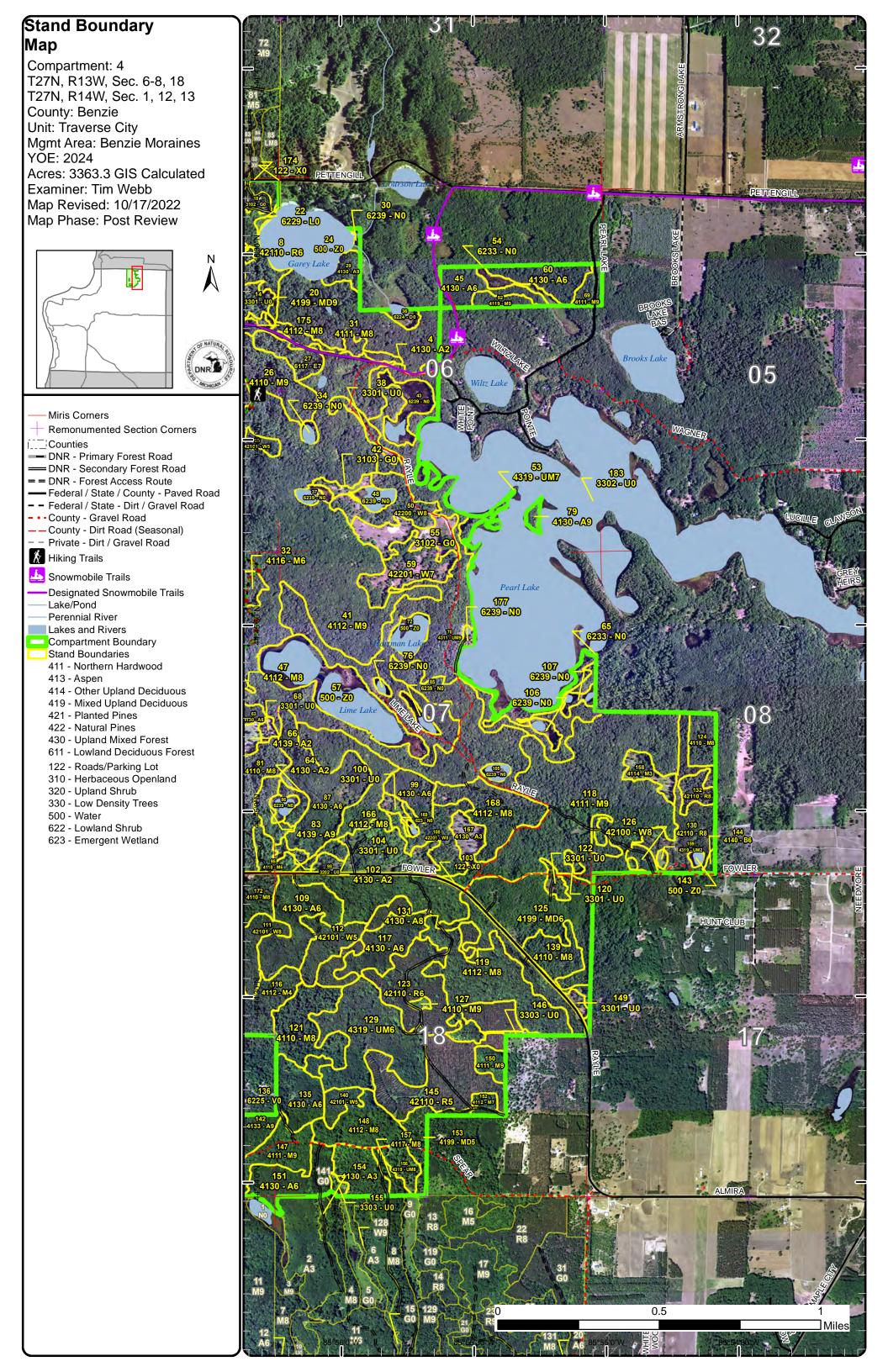
Details on the road access system

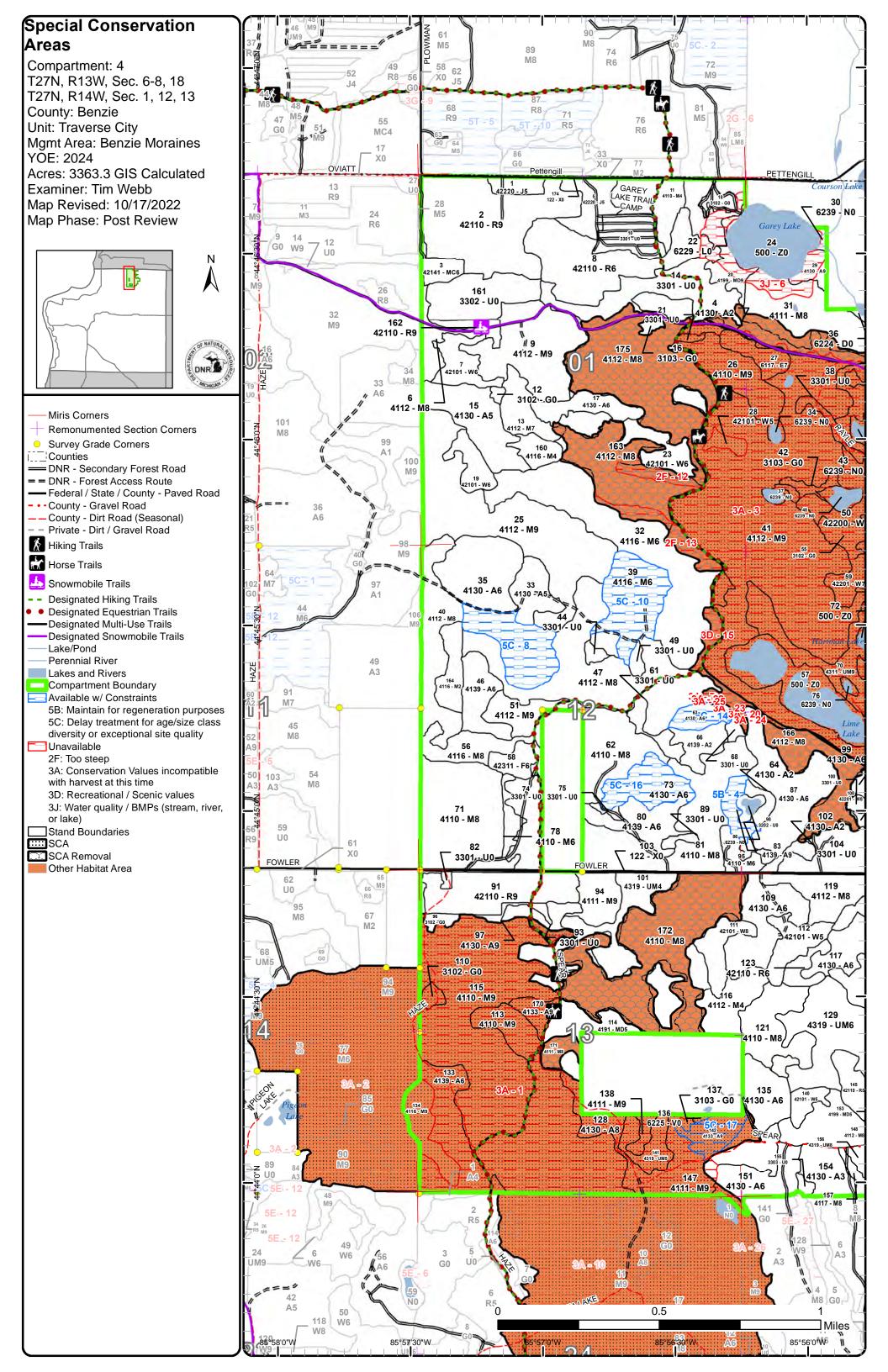


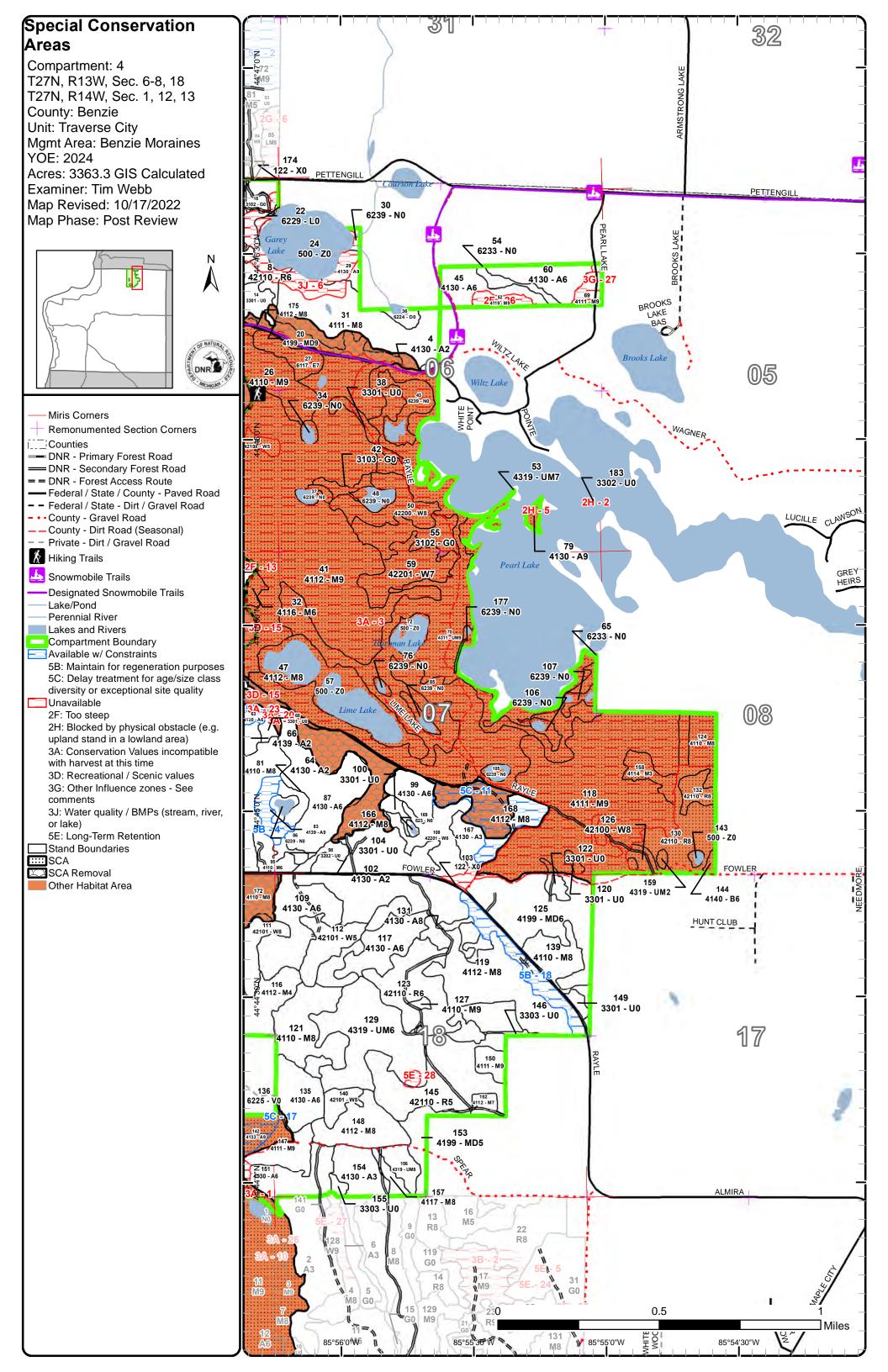












Compartment 4

Year of Entry 2024



Traverse City Mgt. Unit
Tim Webb: Examiner

Age Class

	No.	Kor C	§ / §	\$ 2	& k			3/8	\$ / R	R. S.	a de	8 /4	70,			\$ \$	No. of the second secon	\$ June	LOS LOS
Aspen	0	35	14	116	72	159	26	0	2	0	6	0	0	0	0	0	0	40	470
Bog	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Herbaceous Openland	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32
Jack Pine	0	0	0	0	0	5	13	0	0	0	0	0	0	0	0	0	0	0	18
Low-Density Trees	152	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	152
Lowland Deciduous	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	9
Lowland Shrub	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Marsh	52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	52
Mixed Upland Deciduous	0	0	10	0	42	0	22	0	0	0	0	0	0	0	0	0	0	16	90
Northern Hardwood	0	18	0	7	0	0	0	33	94	366	666	130	317	23	0	0	0	123	1777
Paper Birch	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
Planted Mixed Pines	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	6
Red Pine	0	0	0	0	0	0	55	162	67	0	0	0	0	0	0	0	0	0	284
Treed Bog	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Upland Mixed Forest	0	2	0	0	0	0	0	63	0	0	0	0	0	0	0	0	0	153	218
Upland Shrub	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Upland Spruce/Fir	0	0	0	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	7
Urban	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12
Water	74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
White Pine	0	0	0	0	0	17	19	100	0	0	0	0	0	0	0	0	0	17	153
Total	330	55	24	123	114	188	135	358	164	366	672	130	317	23	0	0	0	364	3362



Report 2 - Treatment Summary

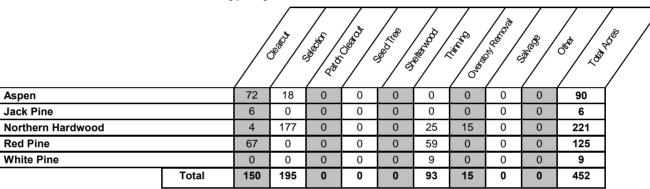
Traverse City Mgt. Unit Year of Entry: 2024

Acres of Harvest

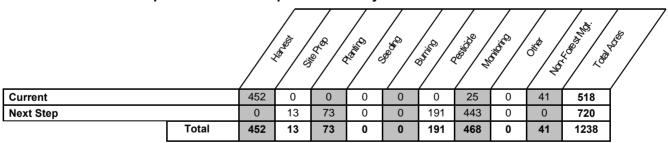
Compartment 4
Total Compartment Acres: 3,363

Commercial Harvest - 452 Harvests with Site Condition - 0 Next Step Harvest - 0 Habitat Cut - 0

Cover Type by Harvest Method



Proposed and Next Step Treatments by Method





Cover Type Treatment Size RΔ Treatment Acres Stand Stand **Treatment** Age Habitat Method Objective Name CoverType Density Age Range Type Structure Cut

Approved Treatments:

S

t а

n

d

61004002-9-42220 - Natural Poletimber Harvest Clearcut 4211 - Planted 6.4 Even-Aged No New Jack Pine Medium Red Pine

Prescription Clearcut west side of stand, leaving a buffer along the campground entrance road. No residuals, Specify chipping if possible, and specify

low stumps to facilitate replanting. Specs:

SitePrep, Roller Chopping: Pesticide, Skidder - Site Prep; SitePrep, Trenching; Planting, Initial Plant; Pesticide, Skidder - Release; Next Step

Monitoring, Artificial Regen(1yr); Monitoring, Artificial Regen(3yr) <u>Treatments:</u>

Acceptable red pine

Regen:

Other Replant to red pine, along with stand 2 to the west.

Comment:

Site Condition

Proposed Start Date: 10/1 /2023

42110 - Planted 141-4211 - Planted 61004002-Cut 66.7 Sawtimber 76 Harvest Clearcut with No Even-Aged Red Pine Well 170 Retention Red Pine

Prescription Clearcut. Leave some clumps or a strip along the north edge and along the border with stand 161 on the south. Specify chipping if possible,

and specify low stumps to facilitate replanting. Specs:

Next Step Pesticide, Aerial - Site Prep; Planting, Initial Plant; Pesticide, Aerial - Release; Monitoring, Artificial Regen(1yr); Monitoring, Artificial

Treatments: Regen(3yr)

Acceptable red pine

Regen:

Replant to red pine, along with part of stand 5 to the east. Flat plant to avoid erosion issues on slope: year 1 after harvest idle; year 2 Other Comment:

helicopter spray, year 3 plant, then 1 & 3 year regen checks. No trenching.

Site Condition

Proposed Start Date: 10/1 /2023

42110 - Planted 4211 - Planted Poletimber 55 201+ No 61004008-Cut 53.9 Harvest Systematic Even-Aged Red Pine Thinning Red Pine

Prescription Try cut 2/leave 4 pattern if possible, but just might have to mark swaths to cut, perpendicular to slope and avoiding eroded gullies.

Specs:

Next Step

Treatments:

Acceptable

Regen:

East end is in an SCA for riparian zone around Garey Lake; excluded from proposed sale area. Small patches of planted pine in adjacent **Other**

stand 14 can be thinned as well. Comment:

Site Condition

Proposed Start Date: 10/1 /2023

s t	Tra	verse Cit	y Mgt. Unit		Repoi	rt 3 '	Treatments		Compartmen Year of Entry		DNR DNR
a n Treatr d Nan		Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habita Cut
9 610040	09-Cut	44.7	4112 - Maple, Beech, Cherry Association	Sawtimbe Well	r 88	141- 170	Harvest	Single Tree Selection	4112 - Maple, Beech, Cherry Association	Uneven- Aged	No
Prescription Specs:	Mark fo	r selectior	n, residual BA 90-1	00.							
Next Step Treatments:	Pesticio	le, Skidde	r - Release; Monit	oring, Natui	al Rege	en (Interm	ediate)				
Acceptable Regen:	maples	, cherry									
Other Comment:	May ne	ed to deal	with excessive bee	ech regener	ation po	ost-harves	st.				
Site Conditio	<u>n</u>										
Proposed St	art Date:	10/1 /20	23								
14 61004	14-NF	16.4 3	3301 - Low Density Deciduous Trees	Nonstocke	ed	Immatu re	NonForestMgt	Other - Specify	3204 - Mast Producing Shrub)	No
Prescription Specs:	shrubs	and/or co	fell woody encroac nifers for wildlife foo ze plantings and p	od and cove	er. Coul	ld plant si	te appropriate na				
Next Step Treatments:											
Acceptable Regen:											
Other Comment:	burning	, or remov	density tree/shrub al of woody encroadge of a moraine h	achment.		ther wildli	fe by mowing, na	tive shrub planting	g, seeding of nativ	e grasses/fo	orbs,
Site Conditio	<u>n</u>										

141-

170

Harvest

Low Thinning

Poletimber 65

Well

<u>Prescription</u> Mark for thinning, residual BA about 100. <u>Specs:</u>

9.4

42101 - Planted

White Pine, Mixed

Deciduous

Next Step Treatments:

19 61004019-Cut

Acceptable Regen:

Other Comment:

Site Condition

Proposed Start Date: 10/1 /2023

42101 - Planted Even-Aged

White Pine,

Mixed Deciduous No

Prescription Clearcut to a 2" diameter limit. Retain scattered uncut islands totaling about 5% of the area. Create some CWD during harvest (2 Specs:

trees/acre, min. 10" dbh). No chipping - leave slash on site.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable aspen, with some mixed hardwoods

Regen: Other Comment:

Site Condition

Proposed Start Date: 10/1 /2023

s t	1	raverse Cit	y Mgt. Unit	I	Repo	rt 3 ⁻	Freatments		Compartmen Year of Entry		DNR DNR
a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
51	61004051-C	ut 10.7	4112 - Maple, Beech, Cherry Association	Sawtimbe Well	r 95	111- 140	Harvest	Crown Thinning	4112 - Maple, Beech, Cherry Association	Uneven- Aged	No
Pres Spec		for thinning	, removing most of	the beech a	nd asp	en. Resid	lual BA 90-100.				
	t Step Mon atments:	toring, Natu	ral Regen (Re-Inver	ntory)							
Acce Reg		e, cherry wit	th some beech and	aspen							
Othe Com	er Don' nment:	t bother with	regeneration gaps,	as they will	only re	esult in be	ech.				
Site	Condition										
Prop	osed Start Da	<u>ite:</u> 10/1 /20	023								
56	61004056-C	ut 14.6	4116 - Mixed N. Hardwood - Aspen	Sawtimbe Medium	r 95	81-110	Harvest	Overstory Removal	4116 - Mixed N. Hardwood - Aspen	Two-Aged	No
Pres Spec			the aspen and cher regeneration as mu	, ,		the mapl	e, though some	will need to be rem	noved for access a	and operabilit	ty. Retain
	t Step Mon atments:	toring, Natu	ral Regen (Re-Inver	ntory)							
Acce Reg		n, cherry, ar	nd some maple								
Othe Com	<u>er</u> Omit nment:	east arm of	the stand along the	pathway.							
Site	Condition										
Prop	osed Start Da	<u>ite:</u> 10/1 /20	023								
71	61004071- Monitor	24.7	4110 - Sugar Maple Association	Sawtimbe Medium	r 109	81-110	Monitoring	Natural Regen (Intermediate)	4110 - Sugar Maple	Uneven- Aged	No

<u>Prescription</u> monitor for regen <u>Specs:</u>

Next Step Treatments:

<u>Acceptable</u> mixed hardwoods <u>Regen:</u>

<u>Other</u> MSU research stand. May have had herbicide and scarification treatments.

Comment:

Site Condition

Proposed Start Date: 10/1 /2023

Association

S t	Tra	verse Cit	y Mgt. Unit		Repo	rt 3 [·]	Treatments		Compartmen Year of Entry		DNR DNR
	tment ame	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habita Cut
80 6100	4080-Cut	17.6	4139 - Aspen, Mixed Deciduous	Poletimbe Well	r 48	81-110	Harvest	Group Selection	4116 - Mixed N. Hardwood - Aspen	Uneven- Aged	No
Prescriptio Specs:			the aspen and iron and spacing, prote					tion gaps centered	on aspen clones;	mark the res	t for
Next Step Treatments		ring, Natui	ral Regen (Re-Inver	ntory)							
Acceptable Regen:	<u>aspen</u> i	in regen g	aps; some mixed h	ardwoods							
Other Comment:	Manag	e for unev	en-aged hardwoods	S.							
Site Condit	ion_										
Proposed S	Start Date	<u>:</u> 10/1 /20)23								
94 6100	4094-Cut	12.5	4111 - S.Maple, Hard Mast Association	Sawtimbe Well	r 90	141- 170	Harvest	Single Tree Selection	4110 - Sugar Maple Association	Uneven- Aged	No
Prescriptio Specs:								ech, overmature asp n holes centered or		nock back be	ech
Next Step Treatments		ring, Natui	ral Regen (Re-Inver	ntory)							
Acceptable Regen:	naple,	basswood	d, cherry, some asp	en; beech a	and iron	wood like	ly but not desira	able			
Other Comment:											
Site Condit	ion_										
Proposed S	Start Date	<u>:</u> 10/1 /20)23								
97 6100	4097-Cut	6.8	4130 - Aspen	Sawtimbe	r 54		Harvest	Clearcut with	4139 - Aspen,	Even-Aged	d No

97 61004097-Cut 6.8 4130 - Aspen Sawtimber 54 Harvest Clearcut with 4139 - Aspen, Even-Aged N
Well Retention Mixed
Deciduous

<u>Prescription</u> Clearcut, retaining most or all of the hardwoods, white pine and a few scattered aspen. Create CWD during harvest. <u>Specs:</u>

Next Step Monitoring, Natural Regen (Re-Inventory) Treatments:

Acceptable aspen, mixed hardwoods, white pine

Regen:
Other
Comment:

Site Condition

Proposed Start Date: 10/1 /2023

Traverse City Mgt. Unit Report 3 -- Treatments Compartment: 4 S Year of Entry: 2024 t а Treatment Stand RΔ Treatment Acres Stand Size **Treatment Cover Type** Age n Name Method Objective CoverType Density Age Range Type Structure d 61004104-NF 24.3 3301 - Low Density Nonstocked 104 Immatu NonForestMat Other - Specify 3204 - Mast Deciduous Trees Producing Shrub re

Prescription Selectively hand fell woody encroachment to maintain upland brush/grassland community. Leave scattered mast producing trees and Specs: Shrubs and/or conifers for wildlife food and cover. Could plant site appropriate native shrubs and/or mast producing trees for wildlife food

and cover. Fertilize plantings and protect with wire cages or tubex.

Next Step Treatments:

Acceptable Regen:

Maintain as a low density tree/shrubs for turkeys and other wildlife by mowing, native shrub planting, seeding of native grasses/forbs,

Other Maintain as a low density tree/shrubs for turk Comment: burning, or removal of woody encroachment.

Stand is on the edge of a moraine hardwood complex. Focus this prescription on parts of the stand that are already semi open.

Site Condition

Proposed Start Date: 10/1 /2023

119 61004119-Cut 36.5 4112 - Maple, Sawtimber 81-110 Single Tree 4110 - Sugar Uneven-No Harvest Beech, Cherry Maple Medium Selection Aged Association Association

Prescription Mark for selection harvest, residual BA about 90. Create some regeneration gaps centered on aspen clones.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable mixed hardwoods in regeneration gaps

Regen:

Other Comment:

Site Condition

Proposed Start Date: 10/1 /2023

131 61004131-Cut 3.4 4130 - Aspen Sawtimber 66 81-110 Harvest Clearcut with 4139 - Aspen, Even-Aged No Medium Retention Mixed Deciduous

Prescription Clearcut to a 2" diameter limit. Leave about 3% canopy cover of scattered mixed hardwoods.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable aspen and mixed hardwoods; some red pine volunteers also acceptable

Regen:

Other Comment:

Site Condition

Proposed Start Date: 10/1 /2023

Habitat

Cut

Nο

s t	т	raverse Cit	ty Mgt. Unit	I	Repo	rt 3	Treatments		Compartmen Year of Entr	,	DNR
a	reatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habita Cut
134 61	004134-Cu	14.2	4116 - Mixed N. Hardwood - Aspen	Sawtimber Well	r 7 9	111- 140	Harvest	Crown Thinning	4112 - Maple, Beech, Cherry Association	Uneven- Aged	No
Prescrip Specs:	<u>tion</u> Remo	ove most of	the aspen, thin other	er species.	Residu	ıal BA 80	90.				
Next Ste Treatme											
Acceptal Regen: Other Commer											
Site Con											
	004150-Cu	<u>te:</u> 10/1 /20 ut 1.2	4111 - S.Maple, Hard Mast Association	Sawtimber Well	r 103	111- 140	Harvest	Clearcut	4130 - Aspen	Even-Aged	No
Prescrip Specs:	<u>ition</u> Clear	cut to a 2"	diameter limit.								
Next Ste Treatme	-	oring, Natu	ral Regen (Re-Inver	ntory)							
Acceptal Regen:	<u>ble</u> asper	n, mixed ha	rdwoods								
Other Commer		l cut unit, no	o retention needed.								
Site Con		te: 10/1/2	023								
	004151-Cu		4130 - Aspen	Poletimbe Well	r 51		Harvest	Clearcut with Retention	4130 - Aspen	Even-Aged	No
Prescrip			diameter limit. Reta hardwoods. Leave	in a +/- one				southwest of the sta		attered individ	ual and
Next Ste Treatme		oring, Natu	ral Regen (Re-Inver	ntory)							
Acceptal Regen:	<u>ble</u> aspei	n, mixed ha	rdwoods								
Other Commer	nt:										
Site Con											
		te: 10/1 /20									
162 61	004162-Cu	it 4.6	42110 - Planted Red Pine	Sawtimber Well	r 65	171- 200	Harvest	Low Thinning	4211 - Planted Red Pine	Even-Aged	No
Prescrip Specs:	<u>ition</u> Mark	for thinning	g, focusing removal o	on defective	or sup	pressed	trees. Residual	BA about 120.			
Next Ste Treatme	•										
Acceptal Regen:	ble										
Other Commer	nt:										

Proposed Start Date: 10/1 /2023

Site Condition

Traverse City Mgt. Unit Report 3 -- Treatments

Size Stand

Density Age

ВА

Range

Treatment

Type

Treatment

Method

Compartment: 4 Year of Entry: 2024

Age

Structure

Cover Type Objective

Habitat

Cut

Total Treatment

s

t а

n

d

517.6 Acreage Proposed:

Treatment

Name

Acres

Stand

CoverType

Traverse City Mgt. Unit

Compartment: 4 Year of Entry: 2024 Tim Webb: Examiner

Availa	ability for	Managemer	nt											
Total	Acres	Acres Avail	Acres		Domina	nt Site	e Con	dition	s					
Acres	Available	With Condition	Not Available		5B	5C	2F	2G	2H	ЗА	3D	3G	3J	5E
469	330	86	53	Aspen	21	64	0		2	47	0	0	4	
1	1	0	0	Bog										
32	10	0	22	Herbaceous Openland						22			0	
18	18	0	0	Jack Pine										
147	143	0	4	Low-Density Trees					0	3	0		1	
9	0	0	9	Lowland Deciduous						9				
1	0	0	1	Lowland Shrub									1	
31	8	0	23	Marsh						22			1	
90	81	0	9	Mixed Upland Deciduous									9	
1771	1017	55	699	Northern Hardwood	0	55	23			654	11	5	7	
1	1	0	0	Paper Birch										
6	6	0	0	Planted Mixed Pines										
284	279	0	5	Red Pine						3			1	0
3	3	0	0	Treed Bog										
218	87	0	131	Upland Mixed Forest						130				1
2	2	0	0	Upland Shrub										
7	7	0	0	Upland Spruce/Fir										
12	12	0	0	Urban	0			0						
66	24	0	42	Water						42			0	
154	118	0	36	White Pine			0			36				
3,324	2,148	141	1,036	Total Forested Acres	22	119	23	0	2	969	11	5	24	1
	65%	4%	31%	Relative Percent										

*Due to limitations in the current Site Conditions Analysis tool, all nonforested acres are considered available. Future development will enable analysis of nonforested types.

Site Dominant Site No. Cond Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
1 Unavailable	3A: Conservation Values incompatible with harvest at this time	287	3D: Recreational / Scenic values	Unspecified	Unspecified	Unspecified

Comments:

This is part of a multi-compartment SCA, to be managed as core habitat for species requiring mature, interior hardwood forest. Stands will continue to be managed using timber harvest, but with emphasis on habitat rather than timber production. Shore-to-Shore Trail runs through or along much of this SCA.

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2	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	0	3D: Recreational / Scenic values	3A: Conservation Values incompatible with harvest at this time	Unspecified	Unspecified
	Comments: island in Pearl Lake						
3	Unavailable	3A: Conservation Values incompatible with harvest at this time	722	3D: Recreational / Scenic values	3B: Threatened, endangered, and special concern species	3J: Water quality / BMPs (stream, river, or lake)	Unspecified
		n Area managed primarily for r kes. Timber harvest should be					s wetland pockets and
4	Available	5B: Maintain for regeneration purposes	7	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Allow aspen oversto	ry to die off naturally and relea	se well-s	stocked hardwood under	story.		
5	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	2	3D: Recreational / Scenic values	3A: Conservation Values incompatible with harvest at this time	Unspecified	Unspecified
	Comments: island in Pearl Lake						
6	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	24	3D: Recreational / Scenic values	Unspecified	Unspecified	Unspecified
	Comments: Garey Lake riparian	area, state forest campground	l and boa	at access.			
7	Unavailable	3A: Conservation Values incompatible with harvest at this time	0	3D: Recreational / Scenic values	3B: Threatened, endangered, and special concern species	3J: Water quality / BMPs (stream, river, or lake)	Unspecified
		n Area managed primarily for i kes. Timber harvest should be					s wetland pockets and

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8	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	27	Unspecified	Unspecified	Unspecified	Unspecified
(Comments:						
9	Unavailable	3A: Conservation Values incompatible with harvest at this time	0	3D: Recreational / Scenic values	3B: Threatened, endangered, and special concern species	3J: Water quality / BMPs (stream, river, or lake)	Unspecified
,	Comments: Special Conservat frontage on three l	ion Area managed primarily for r akes. Timber harvest should be	on-tim limited	ber values. Includes a str I to serious forest health o	retch of the Shore to Shore concerns or critical wildlife h	Trail. Very hilly with numerou abitat management.	us wetland pockets and
10	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	30	Unspecified	Unspecified	Unspecified	Unspecified
(Comments:						
11	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	25	Unspecified	Unspecified	Unspecified	Unspecified
(Comments:						
12	Unavailable	2F: Too steep	8	3D: Recreational / Scenic values	Unspecified	Unspecified	Unspecified
	Comments: along Shore-to-Sh	ore Trail					
13	Unavailable	2F: Too steep	11	3D: Recreational / Scenic values	Unspecified	Unspecified	Unspecified
	Comments: along Shore-to-Sh	ore Trail					

Compartment: 4

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14	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	8	Unspecified	Unspecified	Unspecified	Unspecified
C	comments:						
15	Unavailable	3D: Recreational / Scenic values	11	2F: Too steep	Unspecified	Unspecified	Unspecified
	comments: arrow, irregular pi	ece of stand, along Shore-to-Sh	ore Trai	I			
16	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	19	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
17	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	11	Unspecified	Unspecified	Unspecified	Unspecified
C	comments:						
18	Available	5B: Maintain for regeneration purposes	14	Unspecified	Unspecified	Unspecified	Unspecified
	comments: Illow aspen overst	ory to die off naturally and relea	se well-s	stocked hardwood under	story.		
20	Unavailable	3A: Conservation Values incompatible with harvest at this time	0	3D: Recreational / Scenic values	3B: Threatened, endangered, and special concern species	3J: Water quality / BMPs (stream, river, or lake)	Unspecified
S		on Area managed primarily for r akes. Timber harvest should be					s wetland pockets ar

Traverse City Mgt. Unit Compartment: 4 Year of Entry: 2024 Tim Webb: Examiner 21 3D: Recreational / 3B: Threatened, 3J: Water quality / BMPs Unspecified Unavailable 3A: Conservation Values 0 Scenic values endangered, and special (stream, river, or lake) incompatible with harvest concern species at this time Comments: Special Conservation Area managed primarily for non-timber values. Includes a stretch of the Shore to Shore Trail. Very hilly with numerous wetland pockets and frontage on three lakes. Timber harvest should be limited to serious forest health concerns or critical wildlife habitat management. 22 Unavailable 3A: Conservation Values 0 3D: Recreational / 3B: Threatened. 3J: Water quality / BMPs Unspecified endangered, and special (stream, river, or lake) incompatible with harvest Scenic values concern species at this time Comments: Special Conservation Area managed primarily for non-timber values. Includes a stretch of the Shore to Shore Trail. Very hilly with numerous wetland pockets and frontage on three lakes. Timber harvest should be limited to serious forest health concerns or critical wildlife habitat management. 23 0 3D: Recreational / 3B: Threatened. 3J: Water quality / BMPs Unspecified Unavailable 3A: Conservation Values incompatible with harvest Scenic values endangered, and special (stream, river, or lake) concern species at this time Comments: Special Conservation Area managed primarily for non-timber values. Includes a stretch of the Shore to Shore Trail. Very hilly with numerous wetland pockets and frontage on three lakes. Timber harvest should be limited to serious forest health concerns or critical wildlife habitat management. 24 0 3D: Recreational / 3J: Water quality / BMPs Unspecified Unavailable 3A: Conservation Values 3B: Threatened. Scenic values endangered, and special (stream, river, or lake) incompatible with harvest concern species at this time Comments: Special Conservation Area managed primarily for non-timber values. Includes a stretch of the Shore to Shore Trail. Very hilly with numerous wetland pockets and

frontage on three lakes. Timber harvest should be limited to serious forest health concerns or critical wildlife habitat management.

25	Unavailable	3A: Conservation Values incompatible with harvest	0	3D: Recreational / Scenic values	3B: Threatened, endangered, and special	3J: Water quality / BMPs (stream, river, or lake)	Unspecified
		at this time			concern species		

Comments:

Special Conservation Area managed primarily for non-timber values. Includes a stretch of the Shore to Shore Trail. Very hilly with numerous wetland pockets and frontage on three lakes. Timber harvest should be limited to serious forest health concerns or critical wildlife habitat management.

Compartment: 4

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26	Unavailable	2F: Too steep	5	2B: Unknown if access through adjacent landowner(s) is possible	Unspecified	Unspecified	Unspecified
	Comments: Small tract on a hills	side with poor access, so is fac	tor limite	ed. Stand will self-thin as be	ech dies off from BBD.		
27	Unavailable	3G: Other Influence zones - See comments	5	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Stand is isolated fro	om other state land, is a small tr	act, and	l is split by a paved road whi	ch leads to a nearby sul	odivision. Stand will self-thi	n as beech dies off.
28	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						

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Compartment: 004 Year of Entry: 2024



Report 5 - PROPOSED SPECIAL CONSERVATION AREA* (SCA) DETAILS

* This is a partial list of SCAs for this compartment. Not included are those areas identified under other Department initiatives (Natural Rivers, Deer Wintering Areas, etc.). Those will be identified in separate, future map and report products.

SCA Name	SCA Category	Detail Type	Recommendation	Acres
61004041 Comments	Habitat Area	Other Habitat Area	SCA	762
61004041 Comments	Habitat Area	Other Habitat Area	SCA Removal	199
61004115 Comments	Habitat Area	Other Habitat Area	SCA Removal	96
Unspecified Comments	Habitat Area	Other Habitat Area	SCA	799

This proposal is for a multi-compartment SCA, to be managed as core habitat for species requiring mature, interior hardwood forest. Stands will continue to be managed using timber harvest, but with emphasis on habitat rather than timber production.

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Report 6 - EXISTING SPECIAL CONSERVATION AREA DETAILS

* This is a list of SCA's for this compartment along with a 1/4 mile buffer surrounding the compartment. Refer to the Special Conservation Area Map for locations of the below listed Conservation Areas.

Conservation Type Description Area

ERA = Ecological Reference Area

HCVA = High Conservation Value Area

SCA = Special Conservation Area



Stan	d Level 4 Co	over Type	s	ize De	ensity	Acres	Stand Age B	A Range	Managed S	Site	General Comments	
1	42220 - Nat	ural Jack P	ine Pole	etimbe	r Medium	5.3	40		N/A		Stand consists primarily of pines which seeded into an old field/orchard from adjacent plantations.	
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	nom adjacent plantations.	
	Red Pine	12	Pole	7		E	Beech	Medium	Variable	Sapling		
	Jack Pine	75	Pole	7	40	Re	ed Pine	Low	10 - 20 feet	Sapling		
	Black Cherry	5	Pole/Log	8		App	ole (spp.)	Trace	10 - 20 feet	Tall Shrub		
	Sugar Maple	6	Pole/Log	8		Ja	ck Pine	Low	Variable	Sapling		
	Beech	2	Pole	8								
2	42110 - Plai	nted Red P	ine Sa	awtimb	er Well	66.7	76	141-170	N/A		Stand was thinned (except eroded slope area) in 2007, removing multi-	
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	stemmed red pine, and all of the jack pine. There are several open areas and younger re-planted patches within the stand where there were	
	Red Pine	95	Log/Pole	11	76	Pin	es (spp.)	Low	Variable	Sapling	failures of the original planting. There are some old eroded gullies within	
	Jack Pine	5	Pole	7		E	Beech	Medium	Variable	Sapling	the stand. 2012 SI trees: 10.6" 64', 9.3" 61', 11.5" 67', 14.4" 78'. Stand varies considerably in density, depending on original spacing of jack pine	
3	42141 - Planted Deci	Mixed Pine	, Mixed Po	oletimb	er Well	6.4	43	51-80	N/A		rows which were removed. If thinned, marking intensity will likewise have to vary. 2022 BAs: 200, 100, 120, 160, 150, 190, 130, 130, 150; mean 148. A couple small mortality patches observed, probably PBB. Appears to be a replant of a failed plantation, plus volunteer pines and encroaching hardwoods. 2022 BAs: 150, 150, 60, 150, 70; mean 116.	
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size		
	Beech	10	Pole/Sapling	6			jar Maple	Medium	Variable	Sapling		
	Red Maple	10	Pole/Sapling	6		E	Beech	High	5 - 10 feet	Sapling		
	Red Pine	50	Pole/Log	8	43							
	Sugar Maple	5	Pole/Sapling	6								
	Jack Pine	25	Pole	8	58							
4	4130	- Aspen	Sa	apling I	Medium	10.0	5 l	mmature	N/A		Stand was clearcut in summer 2017, with scattered residual oak, yellow	
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	birch, maples. Consists of one larger strip and three smaller patch cuts, all along the snowmobile trail. 2022: Larger strip and west patch are	
	Red Oak	2	Log	12		Blackbe	rry/Raspberry	High	< 5 feet	Tall Shrub		
	White Pine	2	Pole	8		E	Beech	Low	< 5 feet	Seeding		
	Sugar Maple	3	Log/Pole	12							•	
	Beech	3	Sapling	1	5							
	Black Cherry	2	Sapling	1	5							
	Bigtooth Aspen	88	Sapling	1	5							
5	42220 - Nat	ural Jack P	ine Pole	etimbe	r Medium		53		N/A		Stand consists primarily of pines which seeded into an old field/orchard from adjacent plantations. Small patch of black locust poles in NW	
	Canopy Species	% Cover	Size Class	DBH	l Age		nopy Species	Density	Avg. Height	Size	corner.	
	Sugar Maple	6	Pole/Sapling	7		Re	ed Pine	Low	Variable	Sapling		
	Red Maple	4	Pole	7		Ja	ck Pine	Low	10 - 20 feet	Sapling		
	Black Cherry	5	Pole/Log	8		J	uniper	Low	< 5 feet	Tall Shrub		
	Beech	4	Pole/Sapling	7		E	Beech	Medium	Variable	Sapling		
	Red Pine	5	Pole/Sapling	7								
	Jack Pine	76	Pole/Sapling	7	53							



Stand	Level 4 Co	over Type	S	ize De	ensity	Acres Stand Age BA	A Range	Managed S	Site	General Comments
6	4112 - Maple, Beec	ch, Cherry	Association Saw	timbe	r Mediur	m 9.9 107	81-110	N/A		Stand includes some patches of planted white pine and a few red pine.
	Canopy Species	% Cove	Size Class	DBH	l Age	Sub-Canopy Species	Density	Avg. Height	Size	Thinned June 2017. 2022 BAs: 110, 80, 120, 120; mean 108.
	Black Cherry	5	Log/Pole	12		Sugar Maple	Low	>20 feet	Sapling	
	Sugar Maple	45	Log/Pole	11	107	Beech	High	5 - 10 feet	Sapling	
	Red Maple	33	Log/Pole/XLog	14		White Pine	Trace	< 5 feet	Seeding	
	White Pine	5	Log/Pole	10	66					-
	Beech	10	XLog/Log	22						
	Red Pine	2	Pole/Log	9						
7	42101 - Planted Deci	White Pine	e, Mixed Po	letimb	er Well	12.5 66 1	141-170	N/A		Thinned fall 2006. 2022 BAs: 180, 240, 80, 110, 160; mean 154.
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Canopy Species	Density	Avg. Height	Size	
	Black Cherry	20	Log/Pole	12		White Pine	Low	Variable	Sapling	
	White Pine	65	Pole/Log	9	66	Beech	High	Variable	Sapling	
	Red Maple	15	Log/Pole	12						1
8	42110 - Plai	nted Red F	Pine Po	letimb	er Well	54.7 55	201+	N/A		2012 BA mean: 183; SI trees: 7.0" 46', 8.8" 52', 7.1" 42'. Evidence of
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Canopy Species	Density	Avg. Height	Size	past erosion. Some jack pine poles along west edge of stand. Dense, slow growing. 2022 BAs: 230, 180, 270, 240, 220, 210, 150; mean 214.
	Red Maple	1	Pole	7		Deciduous Saplings	Trace	Variable	Sapling	3 slow growing. 2022 BAS. 250, 100, 270, 240, 220, 210, 130, mean 214.
	Black Cherry	4	Pole/Log	8				ı		
	Red Pine	95	Pole	7	55					
9	4112 - Maple, Beec	ch, Cherry	Association Sa	wtimb	er Well	44.7 88 1	141-170	N/A		Stand was thinned in 2006. Good flush of beech and red maple seedlings as a result of thinning. Scattered understory hemlock. 2022
	Canopy Species	% Cove	Size Class	DBH	l Age	Sub-Canopy Species	Density	Avg. Height	Size	BAs: 150, 110, 140, 170; mean 143. RM regeneration is heavily browsed
	Black Cherry	10	Log	14		Beech	Full	Variable	Sapling	but some grown past deer.
	Beech	15	Log/Pole/XLog	16		Beech	Low	>20 feet	Pole	
	Red Maple	60	Log/Pole/XLog	14	88	Ironwood	Low	Variable	Sapling	
	Sugar Maple	15	Log/Pole	10		Red Maple	Low	Variable	Sapling	
						Beech	High	< 5 feet	Seeding	
10	3301 - Low Densi	ity Deciduo	ous Trees 1	Vonst	ocked	14.7 Ir	nmature	Managed Op	pening	Garey Lake Trail Camp
						Sub-Canopy Species	Density	Avg. Height	Size	
						Sugar Maple	Low	>20 feet	Log	
						Black Cherry	Low	>20 feet	Pole	
						Deciduous Saplings	Low	Variable	Sapling	
						Sugar Maple	Low	>20 feet	Pole	
					(Common Or Ground Junipe	er Low	< 5 feet	Tall Shrub	
						Black Cherry	Low	>20 feet	Log	
						2.0011 01.011			- 3	
						Red Maple	Trace	>20 feet	Pole	



	Level 4 C	over Type		Size De	ensity	Acres	Stand Age B	A Range	Managed S	Site	General Comments
11	4110 - Sugar N	Maple Assoc	ciation Po	oletimb	er Poor	17.7	57	1-50	N/A		Old field reverting to forest.
	Canopy Species	% Cover	Size Class	DBI	H Age	Sub-Cai	nopy Species	Density	Avg. Height	Size	
	Black Cherry	25	Pole/Sapling	6		Pine	es (spp.)	Low	Variable	Sapling	
	Red Maple	4	Pole	7		J	uniper	Medium	< 5 feet	Tall Shrub	
	Jack Pine	8	Pole/Sapling	6				'			
	Beech	1	Pole	7							
	Red Pine	2	Pole/Sapling	6							
	Sugar Maple	60	Pole/Sapling	6	57						
12	3102	- Grass		Nonst	ocked	1.2			No		
					Г	Sub-Cai	nopy Species	Density	Avg. Height	Size	
							rry/Raspberry	Trace	< 5 feet	Tall Shrub	
							d Grasses	High		Non-Wood	
							ck Cherry	Trace	Variable	Sapling	
							ck Cherry	Trace	>20 feet	Pole	
13	4112 - Maple, Beec	h, Cherry A	ssociation S	awtimb	er Poor	13.5	89	1-50	N/A		Was shelterwood cut in summer 2017, with some more open patches where formerly aspen dominated. Scattered white pine retained. 2022:
	Canopy Species	% Cover	Size Class	DBI	H Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	regeneration is poor, mostly just beech, ironwood and scattered cherry
	Red Maple	65	Log/Pole	11	89	Irc	nwood	Low	< 5 feet	Seeding	stump sprouts; no aspen regeneration to speak of.
	Beech	5	Log	16		E	Beech	Medium	Variable	Sapling	
	DII- OI	15	Log/Dolo	12		Wh	nite Pine	Trace	< 5 feet	Seeding	
	Black Cherry	15	Log/Pole	12		***		11400	10.001	Cooding	
	Sugar Maple	15	Log/Pole	10			ck Cherry	Trace	5 - 10 feet	Sapling	
						Blac					
14		15	Log/Pole		ocked	Blac	ck Cherry rry/Raspberry	Trace	5 - 10 feet	Sapling	Hilly stand. Scattered small blocks of planted red pine.
14	Sugar Maple	15	Log/Pole	10	ocked	Blackber 33.0	ck Cherry rry/Raspberry	Trace Medium	5 - 10 feet < 5 feet	Sapling	
14	Sugar Maple	15	Log/Pole	10	ocked	Blackber 33.0 Sub-Car	ck Cherry rry/Raspberry Ir	Trace Medium mmature	5 - 10 feet < 5 feet No	Sapling Tall Shrub	
14	Sugar Maple	15	Log/Pole	10	ocked	Blackber 33.0 Sub-Car	ck Cherry rry/Raspberry In	Trace Medium mmature Density	5 - 10 feet < 5 feet No Avg. Height	Sapling Tall Shrub	
14	Sugar Maple	15	Log/Pole	10	ocked	Blackber 33.0 Sub-Car Re	rry/Raspberry In nopy Species ed Pine	Medium mmature Density Low	5 - 10 feet < 5 feet No Avg. Height Variable	Sapling Tall Shrub Size Sapling	
14	Sugar Maple	15	Log/Pole	10	ocked	Blackber 33.0 Sub-Car Re Ja Autu	rry/Raspberry In nopy Species ed Pine ck Pine	Trace Medium mmature Density Low Trace	5 - 10 feet < 5 feet No Avg. Height Variable >20 feet	Sapling Tall Shrub Size Sapling Pole	
14	Sugar Maple	15	Log/Pole	10	ocked	Blackber 33.0 Sub-Car Re Ja Autu	rry/Raspberry In nopy Species ed Pine ck Pine umn Olive	Trace Medium mmature Density Low Trace Trace	5 - 10 feet < 5 feet No Avg. Height Variable >20 feet 5 - 10 feet	Sapling Tall Shrub Size Sapling Pole Tall Shrub	
114	Sugar Maple	15	Log/Pole	10	ocked	Blackber 33.0 Sub-Car Re Ja Autu Re Re	In nopy Species ed Pine ck Pine mn Olive d Maple	Trace Medium mmature Density Low Trace Trace Low	5 - 10 feet < 5 feet No Avg. Height Variable >20 feet 5 - 10 feet >20 feet	Sapling Tall Shrub Size Sapling Pole Tall Shrub Pole	
14	Sugar Maple	15	Log/Pole	10	ocked	Blackber 33.0 Sub-Car Re Ja Autu Re Re	In nopy Species ed Pine ck Pine imn Olive d Maple d Maple	Trace Medium mmature Density Low Trace Trace Low Trace Low Trace	5 - 10 feet < 5 feet No Avg. Height Variable >20 feet 5 - 10 feet >20 feet >20 feet	Sapling Tall Shrub Size Sapling Pole Tall Shrub Pole Log Pole	
14	Sugar Maple	15	Log/Pole	10	ocked	Blackber 33.0 Sub-Car Re Ja Autu Re Re Sug	rry/Raspberry In nopy Species ed Pine ck Pine Imm Olive d Maple d Maple ed Pine ed Pine	Trace Medium mmature Density Low Trace Trace Low Trace Low Trace	5 - 10 feet < 5 feet No Avg. Height Variable >20 feet 5 - 10 feet >20 feet >20 feet >20 feet	Sapling Tall Shrub Size Sapling Pole Tall Shrub Pole Log	
14	Sugar Maple	15	Log/Pole	10	ocked	Blackber 33.0 Sub-Car Re Ja Autu Re Re Sug Black	rry/Raspberry In nopy Species ed Pine ck Pine umn Olive d Maple d Maple ed Pine ar Maple	Trace Medium mmature Density Low Trace Trace Low Trace Low Low Low	5 - 10 feet < 5 feet No Avg. Height Variable >20 feet 5 - 10 feet >20 feet >20 feet >20 feet Variable	Sapling Tall Shrub Size Sapling Pole Tall Shrub Pole Log Pole Sapling	
14	Sugar Maple 3301 - Low Densi	15	Log/Pole us Trees	Nonst	-	Blackber 33.0 Sub-Car Re Ja Autu Re Re Sug Black	In nopy Species ed Pine ck Pine d Maple ed Pine er Maple ed Pine er Maple ek Cherry ck Pine	Trace Medium mmature Density Low Trace Low Trace Low Trace Low Low Low	5 - 10 feet < 5 feet No Avg. Height Variable >20 feet 5 - 10 feet >20 feet >20 feet Variable >20 feet >20 feet	Sapling Tall Shrub Size Sapling Pole Tall Shrub Pole Log Pole Sapling Pole	Hilly stand. Scattered small blocks of planted red pine. Regeneration is patchy, thick in places, but with open areas of failed
	Sugar Maple 3301 - Low Densi	ity Deciduor	Log/Pole us Trees	Nonst	r Mediur	Blackber 33.0 Sub-Car Re Ja Autu Re Re Sug Black Ja m 27.0	In nopy Species ed Pine ck Pine d Maple ed Pine er Maple ex Cherry ck Pine ex Maple ex Cherry ck Pine	Trace Medium mmature Density Low Trace Low Trace Low Trace Low Trace Low Trace Low Trace	5 - 10 feet < 5 feet No Avg. Height Variable >20 feet 5 - 10 feet >20 feet >20 feet >20 feet Variable >20 feet Variable N/A	Sapling Tall Shrub Size Sapling Pole Tall Shrub Pole Log Pole Sapling Pole	Hilly stand. Scattered small blocks of planted red pine.
	Sugar Maple 3301 - Low Densi	ity Deciduor	Log/Pole us Trees	Nonst	-	Blackber 33.0 Sub-Car Re Ja Autu Re Re Sug Blacc Ja Sub-Car Sub-Car	In nopy Species ed Pine ck Pine d Maple ed Pine ed Pine ed Pine ck Maple ed Pine ek Cherry ck Pine	Trace Medium mmature Density Low Trace Trace Low Trace Low Trace Low Low Low Trace	5 - 10 feet	Sapling Tall Shrub Size Sapling Pole Tall Shrub Pole Log Pole Sapling Pole Sapling	Hilly stand. Scattered small blocks of planted red pine. Regeneration is patchy, thick in places, but with open areas of failed
	Sugar Maple 3301 - Low Densi 4130 Canopy Species	ty Deciduot - Aspen % Cover	Log/Pole us Trees Pol-	Nonst	r Mediur	Blackber 33.0 Sub-Car Re Re Re Re Sug Blacc Ja The sug Blacc Sug Blacc Sug Blacc Sug Blacc Sug Blacc	rry/Raspberry In nopy Species ed Pine ck Pine Imn Olive d Maple d Maple ed Pine ar Maple ck Cherry ck Pine 25 In	Trace Medium mmature Density Low Trace Low Trace Low Low Low Low Trace Low Density Trace	5 - 10 feet	Sapling Tall Shrub Size Sapling Pole Tall Shrub Pole Log Pole Sapling Pole Sapling Size Sapling	Hilly stand. Scattered small blocks of planted red pine. Regeneration is patchy, thick in places, but with open areas of failed
15	Sugar Maple 3301 - Low Densi 4130 Canopy Species Black Cherry	ty Deciduor - Aspen % Cover	Log/Pole us Trees Pole Size Class Sapling/Pole	Nonst	r Mediur 1 Age	Blackber 33.0 Sub-Car Re Autu Re Re Sug Blacc Ja Autu Re Re Sug Blacc B	Innopy Species ed Pine ck Pine imn Olive d Maple d Maple ed Pine iar Maple ck Cherry ck Pine 25 Innopy Species	Trace Medium mmature Density Low Trace Low Trace Low Low Trace Low Low Density Low Trace	5 - 10 feet	Sapling Tall Shrub Size Sapling Pole Tall Shrub Pole Log Pole Sapling Pole Sapling Sapling	Hilly stand. Scattered small blocks of planted red pine. Regeneration is patchy, thick in places, but with open areas of failed



Stand	i Level 4 C	over Type	s	ize De	nsity	Acres	Stand Age B	A Range	Managed S	Site	General Comments
16	3103 - R	Rubus-Fern	1	Nonsto	cked	1.6	I	mmature	No		frost hole
						Sub-Can	opy Species	Density	Avg. Height	Size	
					•	Black	Cherry	Low	>20 feet	Pole	
					•	Pine	s (spp.)	Trace	Variable	Sapling	
						Black	Cherry	Low	>20 feet	Log	
						Common Or	Ground Junip	er Trace	< 5 feet	Tall Shrub	
17	4130	- Aspen	Po	letimb	er Well	12.3	25 I	mmature	N/A		East end is sparse, low quality.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Can	opy Species	Density	Avg. Height	Size	
	Beech	3	Sapling	2		В	eech	Medium	5 - 10 feet	Sapling	
	Black Cherry	14	Pole/Sapling	5	25	Black	Cherry	Medium	Variable	Sapling	
	Quaking Aspen	3	Sapling	3		Whi	te Pine	Trace	Variable	Sapling	
	Bigtooth Aspen	80	Pole/Sapling	5	25			,			
18	3102	- Grass	1	Vonsto	cked	4.0	I	mmature	Managed O	pening	Garey Lake State Forest Campground
						Sub-Can	opy Species	Density	Avg. Height	Size	
						Appl	e (spp.)	Low	>20 feet	Pole	
						Re	d Oak	Trace	>20 feet	Log	
						Black	Cherry	Low	>20 feet	Pole	
						Whi	te Pine	Low	Variable	Sapling	
						Suga	ır Maple	Trace	Variable	Sapling	
						Whi	te Pine	Low	>20 feet	Log	
						Suga	ır Maple	Trace	>20 feet	Pole	
19	42101 - Planted Dec	White Pine	e, Mixed Po	letimb	er Well	9.4	65	141-170	N/A		Row thinned in 2006. 2022 BA about 150.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Can	opy Species	Density	Avg. Height	Size	
	White Pine	60	Pole/Log	9	65	Red	Maple	Low	Variable	Sapling	
	Black Cherry	20	Log	14		Whi	te Pine	Trace	< 5 feet	Seeding	
	Red Maple	20	Log/Pole	11		В	eech	Medium	5 - 10 feet	Sapling	
20	4199 - Other Mixe	<u> </u>			er Well			81-110	N/A		Heterogenous mix of trees on hills adjoining Garey Lake. Aspen is in scattered clones. Many of the large diameter white pine and sugar
	Canopy Species		Size Class		Age		opy Species	Density	Avg. Height	Size	maple, as well as the black locust, were likely planted around an old
	Quaking Aspen	3	Log/Pole	13			te Pine	Low	Variable	Sapling	farmstead. Scattered red oak, hemlock. Black locust is in a dense patch
	Bigtooth Aspen	8	Log/Pole	13	69	Suga	ır Maple	Medium	Variable	Sapling	at the northwest end. 2022 BAs: 140, 170, 170, 100, 30, 120; mean 122.
	White Pine	15	XLog/Log	20							
	Black Cherry	7	Pole/Log	9							
	Sugar Maple	45	Pole/Sap/Log	8	55						
	Red Maple	6	Log/Pole	10							
	Black Locust	15	Pole	8							
	Red Pine	1	Pole	8							



Stand	Level 4 C	over Type	s	ize De	ensity	Acres	Stand Age B	A Range	Managed \$	Site	General Comments	
21	3301 - Low Dens	ity Deciduc	ous Trees I	Nonst	ocked	1.5			No		Low, frost-prone area. Mostly black cherry, plus a red oak and a sugar	
						Sub-Canopy Species		Density	Avg. Height	Size	maple.	
						Bla	ck Cherry	Medium	>20 feet	Pole		
						Ire	onwood	Low	Variable	Seeding		
					C	Common Or Ground Junipe		er Trace	< 5 feet Tall S			
				App	ple (spp.)	Low	10 - 20 feet Pole					
22	6229 - Mixed lowland shrub Nonstocked			ocked	1.4			Managed Opening		Exposed shoreline area of Garey Lake. Standing dead trees.		
						Sub-Ca	nopy Species	Density	Avg. Height	Size		
						Ca	ittail spp.	Trace		Non-Wood		
						Wi	llow spp.	Trace	5 - 10 feet	Tall Shrub		
						Sw	eet Gale	Low	< 5 feet	Tall Shrub		
						Swa	amp Rose	Medium	< 5 feet	Tall Shrub		
23	42101 - Planted Dec	White Pine	e, Mixed Po	oletimb	er Well	18.1	65	81-110	N/A		Row thinned in 2006. 2022 BAs: 160, 100, 160, 140, 160, 170; mean 148. Old foundation holes along old trail.	
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size		
	Red Maple	10	Log/Pole	10			Beech	Medium	Variable	Sapling		
C	Quaking Aspen	2	Pole	8		Re	ed Maple	Medium	5 - 10 feet	Sapling		
	White Pine	80	Pole/Log	9	65	WI	hite Pine	Trace	Variable	Sapling		
	Black Cherry	8	Pole/Log	9		WI	hite Pine	Low	< 5 feet	Seeding		
24	500	- Water	I	Nonst	ocked	22.8			No		Garey Lake	
25 4	4112 - Maple, Beed	ch, Cherry	Association Sa	awtimb	er Well	83.6	115	111-140	N/A		Thinned in 2006. 2022 BAs: 140, 90, 150, 110, 150, 110, 70, 170; mean	
(Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	124. Any existing gaps are choked with beech saplings. Scattered vellow birch.	
	Sugar Maple	18	Log/Pole	11	115		Beech	High	Variable	Sapling	yonon anon.	
	Beech	20	Log/Pole/XLog	16		Sug	gar Maple	Low	Variable	Sapling		
	Red Maple	50	Log/Pole/XLog	14	115	I	Beech	Low	>20 feet	Pole		
Е	Bigtooth Aspen	2	Log/Pole/XLog	15	84	Sug	gar Maple	Low	>20 feet	Pole		
	Black Cherry	10	Log/Pole	13		Ire	onwood	Low	Variable	Sapling		
26	4110 - Sugar N	/laple Asso	ociation Sa	awtimb	er Well	23.1	121	141-170	N/A		2012 comments: Regen holes created in a previous thinning are full of	
(Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	beech saplings. Many 18"+ trees are of low quality. Steep slopes. Small numbers of white ash, yellow birch, black cherry. 2022 BAs: 170, 120,	
	Basswood	15	Log	14		Ire	onwood	Medium	Variable	Sapling	140; mean 143.	
	Beech	15	XLog/Log	18		Н	lemlock	Trace	>20 feet	Pole		
	North and have a second	-	Log/XLog	17		Suc	gar Maple	Low	>20 feet	Sapling		
Е	Bigtooth Aspen	5	LUG/ALUG	17	11	Out	jai iviapie	LOW	720 1001	Capinig		



Stand	Level 4 C	over Type	s	ize De	nsity	Acres Stand Age	BA Range	Managed	Site	General Comments
27	6117 - Lowland Deciduous, Mixed S Coniferous		, Mixed Sa	Sawtimber Poor		9.2 87	51-80	N/A		Small numbers of tamarack, black spruce, elm and cedar.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Specie	es Density	Avg. Height	Size	
	Red Maple	55	Pole/Log/Sap	9	87	Leatherleaf	Low	< 5 feet	Tall Shrub	
	Yellow Birch	10	Pole/Sap/Log	7		Deciduous Saplings	Low	Variable	Sapling	
	White Pine	5	Log/Pole	12		Elderberry	Low	5 - 10 feet	Tall Shrub	
	Hemlock	30	Log/Pole	12		Hemlock	Low	Variable	Sapling	
						Deciduous Shrubs	Low	Variable	Tall Shrub	
28	42101 - Planted Dec	White Pine	e, Mixed Pole	timbe	Medium	n 7.3 65	111-140	N/A		Thinned in summer 2017, except for the area surrounding a wetland inclusion in the south patch. 2022 BAs: 150, 70, 100, 140; mean 115.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Specie	es Density	Avg. Height	Size	Some small mortality pockets.
	Red Maple	15	Log/Pole	11		White Pine	Low	Variable	Sapling	
	Black Cherry	10	Log/Pole/XLog	12		Beech	High	Variable	Sapling	
	Sugar Maple	5	Log/Pole/XLog	11					'	
	White Pine	70	Pole/Log	9	65					
29	4130	- Aspen	Sa	wtimb	er Well	5.5 96		N/A		2012 comments: Some mortality/blowdown in aspen, but relatively sound
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Specie	es Density	Avg. Height	Size	for its age. Small number of hemlock, white pine, beech and yellow birch canopy trees.
	Red Oak	1	Log	12		Hemlock	Low	Variable	Sapling	surrepy troop.
	Bigtooth Aspen	83	Log/XLog	16	96	Paper Birch	Low	>20 feet	Pole	
	Paper Birch	1	Pole	8		Northern White Ceda	ar Trace	>20 feet	Pole	
	Red Maple	15	Log/Pole	12		Red Maple	Medium	>20 feet	Pole	
				•		Beech	Medium	Variable	Sapling	
						Red Maple	Medium	Variable	Sapling	
						Hemlock	Low	>20 feet	Pole	
30	6239 - Mixed E	mergent W	/etland	Nonst	cked	1.0		No		Stand is the ends of two drainages flowing into Garey Lake.
						Sub-Canopy Specie	es Density	Avg. Height	Size	
						Mixes Sedges/Grass			Non-Wood	
						Cattail spp.	Low		Non-Wood	
						Leatherleaf	Medium	< 5 feet	Tall Shrub	
						Elderberry	Medium	5 - 10 feet	Tall Shrub	
31	4111 - S.Maple, H	ard Mast A	ssociation Saw	timbe	Medium	n 50.2 106	81-110	N/A		Rolling terrain. Stand has several small openings (regen. gaps from previous harvest) and wetland inclusions. Some paper birch, hemlock,
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Specie	es Density	Avg. Height	Size	and white pine. 2018 comments: much of the stand was selection
	Bigtooth Aspen	3	Log	16		Beech	Full	Variable	Sapling	harvested in summer 2017, excluding the steep slopes adjacent to the
	Sugar Maple	67	Log/Pole	13	106	Sugar Maple	Low	>20 feet	Sapling	wetland in the northeast part of the stand, as well as a large area in the
	Red Maple	5	Log	14		Ironwood	Medium	Variable	Sapling	northwest buffering an eagle nest on Garey Lake. 2022 BAs: 90, 100, 80, 130, 90, 130; mean 103.
	Basswood	8	Log/Pole/XLog	15						,,,,
	Beech	12	XLog/Log	20						
	Red Oak	5	XLog	28						



Stand	Level 4 C	Level 4 Cover Type Size Density Acres Stand Age BA F		A Range	Managed S	Site	General Comments				
32	4116 - Mixed N.	Hardwood	- Aspen Po	Poletimber Wel		79.4	72	81-110	N/A		Low quality timber, numerous multi-stemmed trees, but there are some
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Car	nopy Species	Density	Avg. Height	Size	decent maple poles in places. Some mortality/blowdown in aspen. There is a small patch of planted white spruce at the NW end of the
E	Bigtooth Aspen	10	Log	14		Red	d Maple	Medium	Variable	Sapling	stand. The stand generally follows a shallow valley which is probably a
	Black Cherry	17	Log/Pole	12		Iro	nwood	Low	>20 feet	Pole	cold air sink that inhibits tree growth; trees are denser, better quality on
	White Spruce	2	Pole	6		Suga	ar Maple	Medium	Variable	Sapling	hills and ridges. 2022 BAs: 110, 80, 120, 100, 100. 80, 110; mean 100.
	Red Oak	1	Log/Pole	11		В	Beech	Low	Variable	Sapling	
	Sugar Maple	15	Pole/Log	9		Iro	nwood	Medium	Variable	Sapling	
	Red Maple	45	Pole/Log/Sap	9	72						•
(Quaking Aspen	10	Log/Pole	12	72						
33	4130	- Aspen	Pole	timbe	r Mediu	m 13.2	28 I	mmature	N/A		Cherry has lots of black knot.
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Car	nopy Species	Density	Avg. Height	Size	
(Quaking Aspen	10	Pole/Sapling	6	28	Blac	k Cherry	High	Variable	Sapling	
	Sugar Maple	1	Pole	7		В	Beech	Medium	5 - 10 feet	Sapling	
	Red Maple	4	Pole/Sapling	6							•
	Black Cherry	35	Pole/Sapling	6	28						
E	Black Cherry Bigtooth Aspen	35 50	Pole/Sapling Pole/Sapling	6	28						
34		50	Pole/Sapling	-	28	2.0			No		
	Bigtooth Aspen 6239 - Mixed E	50	Pole/Sapling /etland	6 Nonsto	28		48		No N/A		Scattered older beech. Runs heavier to QA on lower slopes/valleys.
34 35	Bigtooth Aspen 6239 - Mixed E	50 mergent W	Pole/Sapling /etland	6 Nonsto	28 ocked	57.4	48 nopy Species	Density		Size	Scattered older beech. Runs heavier to QA on lower slopes/valleys.
34	Bigtooth Aspen 6239 - Mixed E 4130	50 mergent W	Pole/Sapling /etland	6 Nonsto	28 ocked oer Well	57.4 Sub-Car		Density Low	N/A	Size Sapling	Scattered older beech. Runs heavier to QA on lower slopes/valleys.
34	Bigtooth Aspen 6239 - Mixed E 4130 Canopy Species	50 mergent W - Aspen % Cover	Pole/Sapling /etland Polester Class	6 Nonsto	28 ocked oer Well	57.4 Sub-Car	nopy Species		N/A Avg. Height		Scattered older beech. Runs heavier to QA on lower slopes/valleys.
34	Bigtooth Aspen 6239 - Mixed E 4130 Canopy Species Bigtooth Aspen	- Aspen **Cover** 45	Pole/Sapling /etland Pole Size Class Pole	6 Nonsto	28 ocked oer Well 48	Sub-Car Rec	nopy Species d Maple	Low High	N/A Avg. Height Variable	Sapling	Scattered older beech. Runs heavier to QA on lower slopes/valleys.
34	Bigtooth Aspen 6239 - Mixed E 4130 Canopy Species Bigtooth Aspen Black Cherry	- Aspen **Cover** 45 15	Pole/Sapling /etland Pole Size Class Pole Pole	Nonsto	28 ocked oer Well 48	Sub-Car Rec Suga Serviceber	nopy Species d Maple ar Maple	Low High	N/A Avg. Height Variable Variable	Sapling Sapling	Scattered older beech. Runs heavier to QA on lower slopes/valleys.
34 35	Bigtooth Aspen 6239 - Mixed E 4130 Canopy Species Bigtooth Aspen Black Cherry Red Maple	- Aspen **Cover** 45 15 15	Pole/Sapling /etland Pole Size Class Pole Pole Pole Pole/Sapling	oletimb BBH 8 8 7	28 ocked oer Well 48	Sub-Car Rec Suga Serviceber	nopy Species d Maple ar Maple rry (Juneberry)	Low High Trace	N/A Avg. Height Variable Variable >20 feet	Sapling Sapling Sapling	Scattered older beech. Runs heavier to QA on lower slopes/valleys.
34 35	Bigtooth Aspen 6239 - Mixed E 4130 Canopy Species Bigtooth Aspen Black Cherry Red Maple Sugar Maple Quaking Aspen	- Aspen **Cover** 45 15 15 5	Pole/Sapling /etland Pole Size Class Pole Pole Pole Pole Pole/Sapling Pole/Sapling Pole	DBH 8 8 7 6	28 Docked Der Well 48 48 48	Sub-Car Rec Suga Serviceber	nopy Species d Maple ar Maple rry (Juneberry)	Low High Trace	N/A Avg. Height Variable Variable >20 feet	Sapling Sapling Sapling	Scattered older beech. Runs heavier to QA on lower slopes/valleys.
34 35	Bigtooth Aspen 6239 - Mixed E 4130 Canopy Species Bigtooth Aspen Black Cherry Red Maple Sugar Maple Quaking Aspen	- Aspen **Cover* 45 15 15 20 Treed Bog	Pole/Sapling /etland Pole Size Class Pole Pole Pole Pole/Sapling Pole/Sapling Pole Pole	oletimb BBH 8 8 7 6 7	28 Docked Der Well H Age 48 48 48 Docked	Sub-Car Rec Suga Serviceber B	nopy Species d Maple ar Maple rry (Juneberry)	Low High Trace	N/A Avg. Height Variable Variable >20 feet Variable	Sapling Sapling Sapling	Scattered older beech. Runs heavier to QA on lower slopes/valleys. Small pond surrounded by open, grassy shore.
34 35 (36	Bigtooth Aspen 6239 - Mixed E 4130 Canopy Species Bigtooth Aspen Black Cherry Red Maple Sugar Maple Quaking Aspen	- Aspen **Cover* 45 15 15 20 Treed Bog	Pole/Sapling /etland Pole Size Class Pole Pole Pole Pole/Sapling Pole/Sapling Pole Pole	Bletimb DBH 8 8 7 6 7	28 Docked Der Well H Age 48 48 48 Docked	Sub-Car Rec Suga Serviceber B 3.1	nopy Species d Maple ar Maple rry (Juneberry)	Low High Trace	N/A Avg. Height Variable Variable >20 feet Variable	Sapling Sapling Sapling	



Stand	Level 4 C	over Type	pe Size Density Acres Stand Age BA Range Managed Site		Site	General Comments					
38	3301 - Low Dens	sity Decidud	ous Trees	Nonsto	ocked	5.0		Immature	No		old orchard
						Sub-Ca	nopy Species	Density	Avg. Height	Size	
						Suç	gar Maple	Low	>20 feet	Pole	
							nite Pine	Low	>20 feet	Log	
						Auti	ımn Olive	Trace	5 - 10 feet	Tall Shrub	
						Apı	ole (spp.)	Medium	10 - 20 feet	Pole	
						W	nite Pine	Trace	Variable	Sapling	
						Suç	gar Maple	Low	Variable	Sapling	
						Common C	r Ground Juni	per Trace	< 5 feet	Tall Shrub	
						Bla	ck Cherry	Low	>20 feet	Pole	
39	4116 - Mixed N.	Hardwood	I - Aspen Po	oletimb	er Wel	l 33.2	65	111-140	N/A		Stand has scattered older hardwoods including some big beech. 2022
	Canopy Species	% Cove	r Size Class	DBH	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	BAs: 70, 120, 120, 150, 130; mean 118.
	Sugar Maple	40	Pole/Log	9	65		Beech	Medium	Variable	Sapling	
	Red Maple	10	Log/Pole	12		Ire	onwood	Medium	Variable	Sapling	
	Beech	5	Log/Pole/XLog	16		Sug	gar Maple	Medium	Variable	Sapling	
	Red Oak	3	Log/Pole	10							
E	Bigtooth Aspen	35	Pole	8	48						
	Black Cherry	5	Log/Pole	12							
	Ironwood	2	Pole/Sapling	7							
40	4112 - Maple, Beed	ch, Cherry	Association Saw	rtimbe:	r Mediu	m 31.2	80	51-80	N/A		Scattered big, older hardwoods. Selection harvested in Dec. 2016 - Jan.
	Canopy Species	% Cove	r Size Class	DBH	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	2017. 2022 BAs: 90, 70, 80, 50; mean about 70.
	Sugar Maple	60	Log/Pole	10	80		Beech	Medium	Variable	Sapling	
	Beech	2	XLog/Log	22		Bla	ck Cherry	Low	Variable	Sapling	
	Black Cherry	8	Log	11		Sug	gar Maple	Low	>20 feet	Sapling	
	Red Maple	30	Log/Pole	12	84		Beech	High	< 5 feet	Seeding	
41	4112 - Maple, Beed	ch, Cherry	Association Sa	awtimb	er Wel	l 286.2	98	111-140	N/A		Paper birch is dying out. Aspen is in scattered clones, some mortality.
	Canopy Species	% Cove	r Size Class	DBH	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	Also some beech mortality. Scattered white pine and hemlock. Rolling terrain, numeroua depressions, steep slopes in places. 2012 average BA
	Red Oak	4	XLog/Log	18		Suç	gar Maple	Medium	Variable	Sapling	from 20 plots = 143. 2022 BAs: 100, 90, 140, 80, 150, 80, 140, 130, 140,
	Beech	12	Log/Pole/XLog	16		Ire	onwood	Medium	Variable	Sapling	140, 100, 120, 140, 120, 130; mean 120. Scattered pothole wetlands
	Paper Birch	1	Log/Pole	12			Beech	High	Variable	Sapling	within stand. Any natural canopy gaps are full of beech saplings.
	Sugar Maple	50	Log/Pole	10	98						-
E	Bigtooth Aspen	6	Log/XLog	14	90						
	Red Maple	20	Log/Pole	13	90						
	Basswood	5	Log	14							
	Black Cherry	2	Log/Pole	12							



Stand	Level 4 C	over Type	s S	ize De	nsity	Acres	Stand Age B	A Range	Managed	Site	General Comments	MICHIGAN
42	3103 - R	Rubus-Feri	n I	Vonsto	cked	3.3	I	mmature	No			
						Sub-Car	opy Species	Density	Avg. Height	Size		
						Quak	ng Aspen	Low	>20 feet	Pole		
						Common Or	Ground Junip	er Low	< 5 feet	Tall Shrub		
						Brac	ken Fern	High		Non-Wood		
						Blac	k Cherry	Low	>20 feet	Pole		
						Sco	ch Pine	Low	10 - 20 feet	Pole		
						Mixed	Grasses	Medium		Non-Wood		
						Wh	te Pine	Low	Variable	Sapling		
13	6239 - Mixed E	mergent V	Vetland I	Vonsto	cked	11.8	I	mmature	No		numerous snags	
						Sub-Car	opy Species	Density	Avg. Height	Size		
						Will	ow spp.	Low	5 - 10 feet	Tall Shrub		
14	3301 - Low Densi	ity Decidu	ous Trees I	Vonsto	cked	2.0			No			
						Sub-Car	opy Species	Density	Avg. Height	Size		
						Quak	ng Aspen	Trace	>20 feet	Pole		
						Suga	ar Maple	Low	>20 feet	Pole		
						Re	d Pine	Trace	10 - 20 feet	Sapling		
						Red	d Maple	Low	>20 feet	Pole		
						Blac	k Cherry	Low	>20 feet	Log		
						Common Or	Ground Junip	er Low	< 5 feet	Tall Shrub		
						Deciduo	us Saplings	Low	Variable	Sapling		
45	4130	- Aspen	Po	letimbe	er Wel	ll 12.7	36		N/A		Scattered beech, cherry, and paper birch. Small area of	wetland in SV
С	anopy Species	% Cove	r Size Class	DBH	Age	Sub-Car	opy Species	Density	Avg. Height	Size	corner.	
5	Sugar Maple	3	Pole/Sap/Log	7		В	eech	Low	Variable	Sapling		
	Red Maple	8	Pole/Sapling	7		Мар	le (spp.)	Low	Variable	Sapling		
	Red Oak	10	XLog/Log/Pole	22		Iro	nwood	High	Variable	Sapling		
Bi	igtooth Aspen	76	Pole	7	36							
	White Pine	3	Log	16								
16	4139 - Aspen,	Mixed Dec	ciduous Po	letimbe	er Wel	15.7	48 Uı	nspecified	N/A			
	anopy Species	% Cove	r Size Class	DBH			opy Species	Density	Avg. Height	Size		
	Red Maple	25	Pole/Log	8	48	Suga	ar Maple	High	Variable	Sapling		
	igtooth Aspen	50	Pole	8	48	В	eech	Low	Variable	Sapling		
E	Black Cherry	20	Pole/Log	9	48							
	uaking Aspen	5	Pole	8	48							



Stand	Level 4 C	over Type	Si	ize De	ensity	Acres	Stand Age B	A Range	Managed	Site	General Comments
47	4112 - Maple, Beed	ch, Cherry	Association Saw	/timbe	r Mediur	n 73.1	81	81-110	N/A		Stand was heavily thinned in 2006. A heavy flush of hardwood
	Canopy Species	% Cove	r Size Class	DBI	H Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	regeneration resulted from the thinning in open gaps: mostly beech, some cherry and ironwood, and aspen in patches. There are also some
	Beech	5	Log/Pole/XLog	16		Su	gar Maple	Low	>20 feet	Pole	patches of fairly well developed sugar maple saplings. 2022 BAs: 110,
	Black Cherry	20	Log/Pole	12		Bigto	ooth Aspen	Trace	>20 feet	Sapling	40, 120, 130, 140, 50, 90, 130; mean 101. Scattered mature aspen.
	Red Maple	50	Log/Pole	13	81		Beech	High	Variable	Sapling	
	Sugar Maple	25	Pole/Log/Sap	9		Bla	ck Cherry	Trace	Variable	Sapling	
						Ir	onwood	Low	Variable	Sapling	
						Su	gar Maple	Medium	Variable	Sapling	
48	6239 - Mixed E	mergent V	√etland N	Nonst	ocked	4.7			No		
						Sub-Ca	nopy Species	Density	Avg. Height	Size	
						Wi	illow spp.	Trace	5 - 10 feet	Tall Shrub	
						Mixes Se	edges/Grasses	Low		Non-Wood	
49	3301 - Low Densi	ity Deciduo	ous Trees 1	Nonst	ocked	2.4	1	mmature	No		
						Sub-Ca	nopy Species	Density	Avg. Height	Size	
						Sug	gar Maple	Trace	>20 feet	Pole	
						Re	ed Maple	Trace	>20 feet	Pole	
					(Common C	or Ground Junip	er Low	< 5 feet	Tall Shrub	
						Bla	ck Cherry	Medium	>20 feet	Pole	
						R	led Pine	Trace	10 - 20 feet	Sapling	
						Decidu	ious Saplings	Low	Variable	Sapling	
						Bla	ck Cherry	Low	>20 feet	Log	
						W	hite Pine	Trace	>20 feet	Log	
50	42200 - Natu	ural White	Pine Saw	rtimbe	r Mediur	n 16.9	49	81-110	N/A		Trees slowly reclaiming an old clearing. Pines are limby, open-grown, multi-stemmed. Hilly. 2022. BAs: 180, 80, 60; mean 107.
	Canopy Species	% Cove	r Size Class	DBI	H Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	multi-stemmed. Hilly. 2022. BAS. 160, 60, 60, mean 107.
	Quaking Aspen	3	Pole/Log	9		W	hite Pine	Medium	Variable	Sapling	
	White Pine	80	Log/Pole/XLog	12	49	Decidu	ious Saplings	Low	Variable	Sapling	
	Sugar Maple	2	Pole/Sapling	6			Juniper	Low	< 5 feet	Tall Shrub	
	Black Cherry	15	Pole/Log	9							
51	4112 - Maple, Beed	h, Cherry	Association Sa	awtimt	oer Well	13.8	95	111-140	N/A		Stand was thinned in 2006, resulting in a heavy flush of beech seedling
	Canopy Species	% Cover	r Size Class	DBI	H Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	and raspberry/blackberry. Good quality red maple. 2022 BAs: 130, 150 190, 100, 130; mean 140.
	Bigtooth Aspen	3	Log/XLog	16			Beech	Full	5 - 10 feet	Sapling	
	Black Cherry	5	Log	15		Sug	gar Maple	Low	>20 feet	Sapling	
	Red Maple	50	Log/XLog	15	95						
	Sugar Maple	30	Log/Pole	11							



Stand	Level 4 Co	over Type		Size De	ensity	Acres Stand Age	BA Range	Managed	Site	General Comments
52	4119 - Mixed No	rthern Har	dwoods	Sawtimb	er Well	4.6 113	111-140	N/A		Many large, hollow beech, some BBD mortality. 2022 BA about 130. Ash died off since last inventory.
(Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Canopy Spec	ies Density	Avg. Height	Size	died on since last inventory.
	Sugar Maple	50	Log/Pole	12	113	Ironwood	Low	Variable	Sapling	
	Basswood	5	Log/Pole	13		Beech	Low	>20 feet	Pole	
	Beech	15	Log/XLog	16		Sugar Maple	Low	>20 feet	Sapling	
	Red Oak	20	XLog	24		Beech	Full	5 - 10 feet	Sapling	
	Red Maple	10	Log/XLog	16			1	1	1	•
53	4319 - Mixed	Upland Fo	orest	Sawtimb	er Poor	5.4 103	1-50	N/A		Wooded peninsula in Pearl Lake with open shoreline. Small patches of
(Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Canopy Spec	ies Density	Avg. Height	Size	phragmites noted in 2012. Now mainly flood-killed trees except on ridge.
C	Quaking Aspen	20	Log	14		Juniper	Low	< 5 feet	Tall Shrub	
Nort	hern White Cedar	45	Pole/Log	8	103	White Pine	Trace	Variable	Sapling	
	White Pine	10	Log/Pole	12		Willow spp.	Low	5 - 10 feet	Tall Shrub	
	Red Oak	1	Log	13		Beech	Trace	Variable	Sapling	
	Paper Birch	20	Pole/Log	9		Northern White Ced	lar Trace	< 5 feet	Sapling	
E	Balsam Poplar	4	Log	12	,			1		1
54	6233 - W	et Meadow	V	Nonst	ocked	3.9		No		
						Sub-Canopy Spec	ies Density	Avg. Height	Size	
						Willow spp.	Medium	10 - 20 feet	Tall Shrub	
						Elderberry	Low	5 - 10 feet	Tall Shrub	
						Buttonbush	Low	5 - 10 feet	Tall Shrub	
						Mixes Sedges/Grass	ses Full		Non-Wood	
						Red Osier Dogwoo	d Trace	Variable	Tall Shrub	
55	3102	- Grass		Nonst	ocked	16.1		No		Hilly opening. ORV abuse. Bittersweet?? Old foundation in the NE end of
						Sub-Canopy Spec	ies Density	Avg. Height	Size	the stand surrounded by walnut trees & lilacs. Two small ponds in SE part of stand.
						Common Or Ground Ju	uniper Low	< 5 feet	Tall Shrub	
						White Pine	Low	>20 feet	Pole	
						Black Cherry	Low	>20 feet	Pole	
						White Pine	Low	Variable	Sapling	
						Autumn Olive	Trace	5 - 10 feet	Tall Shrub	
						Common Lilac	Trace	5 - 10 feet	Tall Shrub	
						Black Walnut	Trace	>20 feet	Log	
56	4116 - Mixed N. I	Hardwood	- Aspen S	awtimbe	r Mediu	m 16.4 95	81-110	N/A		Stand consists of old, open-grown cherry with patches of quaking aspen.
(Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Canopy Spec	ies Density	Avg. Height	Size	Much of the stand has a good stocking of understory and emerging sugar maple saplings and poles. There are several small openings. Most of
	Red Maple	5	Log/Pole	12	_	Sugar Maple	High	Variable	Sapling	the stand is low-lying and frost-prone.
(<u>'</u>	30	Pole/Log	9	54	Ironwood	Low	Variable	Sapling	
	Quaking Aspen Black Cherry	30 50	Pole/Log Log/Pole/XLo	9	54 95	Ironwood Beech	Low Trace	Variable Variable	Sapling Sapling	



Stand	Level 4 C	over Type	s	ize De	ensity	Acres	Stand Age E	BA Range	Managed S	Site	General Comments
57	500	- Water	1	Nonst	ocked	42.3			No		Lime Lake. SE end is inundated shrub swamp.
						Sub-Ca	nopy Species	Density	Avg. Height	Size	
						Wi	llow spp.	Trace	5 - 10 feet	Sapling	
						Phrag	mities (spp.)	Trace	Unspecified	Non-Wood	
58	42311 - Plante Dec	ed Spruce, iduous	Mixed Po	letimb	er Wel	l 7.1	47	111-140	N/A		Thick, young sugar maples in small canopy gaps. Scattered juneberry. 2022 BA about 120.
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Red Maple	5	Pole/Log	8		Whi	ite Spruce	Low	Variable	Sapling	
	White Spruce	70	Pole/Sap/Log	8	47	Su	gar Maple	Medium	Variable	Sapling	
	Black Cherry	15	Log/Pole	12							
	Sugar Maple	10	Sapling/Pole	3							
59	42201 - Natural Dec	White Pine	e, Mixed Sa	wtimb	er Poo	r 19.4	57	1-50	N/A		Trees slowly reclaiming an old clearing. Pines are limby, open-grown. Hilly.
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Red Oak	10	Log/Pole	12		W	hite Pine	Low	Variable	Sapling	
	White Pine	70	Log/Pole	12	57	Decidu	ous Saplings	Low	Variable	Sapling	
	Black Cherry	20	Log/Pole	12			Juniper	Medium	< 5 feet	Tall Shrub	
60	4130	- Aspen	Po	letimb	er Wel	l 13.9	36		N/A		Scattered red maple, basswood, ash.
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Ironwood	3	Pole/Sapling	5		Ir	onwood	High	Variable	Sapling	
	Red Oak	15	XLog/Log/Pole	20		Suç	gar Maple	Medium	Variable	Sapling	
	Sugar Maple	10	Pole/Log/Sap	8							
	Bigtooth Aspen	62	Pole	7	36						
	Quaking Aspen	5	Pole	7	36						
	Black Cherry	2	Pole	6							
	White Pine	3	XLog/Log	20							
61	3301 - Low Dens	ity Deciduc	ous Trees	Nonst	ocked	6.2		Immature	No		Trees are mostly black cherry and sugar maple with some red maple,
						Sub-Ca	nopy Species	Density	Avg. Height	Size	aspen, and beech.
						Aut	umn Olive	Trace	5 - 10 feet	Tall Shrub	
						Decidu	ous Saplings	Low	Variable	Sapling	
						W	hite Pine	Trace	>20 feet	Pole	
						Common C	r Ground Junip	oer Trace	< 5 feet	Tall Shrub	

Sub-Canopy Species	Density	Avg. Height	Size
Autumn Olive	Trace	5 - 10 feet	Tall Shrub
Deciduous Saplings	Low	Variable	Sapling
White Pine	Trace	>20 feet	Pole
Common Or Ground Juniper	Trace	< 5 feet	Tall Shrub
Quaking Aspen	Low	>20 feet	Pole
Red Pine	Trace	Variable	Sapling
Sugar Maple	Low	Variable	Sapling
Blackberry/Raspberry	Low	< 5 feet	Tall Shrub
Sugar Maple	Trace	>20 feet	Log
Black Cherry	Medium	>20 feet	Pole
Ironwood	Low	Variable	Sapling



Stand	Level 4 C	over Type	S	ize De	ensity	Acres Stand Age	BA Range	Managed	Site	General Comments
62	4110 - Sugar N	/laple Assoc	ciation Saw	/timbe	Medium	28.1 99	51-80	N/A		Selection harvest in Jan. 2017. 2022 BAs: 80, 90, 90, 60, 80; mean 80.
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Canopy Specie	es Density	Avg. Height	Size	Small area of planted red pine along property line. Good quality maple.
	Sugar Maple	90	Log/Pole	11	99	Sugar Maple	Low	>20 feet	Sapling	
	Black Cherry	4	Log	14		Beech	Medium	Variable	Sapling	
	Red Pine	1	Log	11		Ironwood	Low	Variable	Sapling	
	Beech	5	Log/Pole/XLog	17		Blackberry/Raspberr	y Medium	< 5 feet	Tall Shrub	
						Beech	High	< 5 feet	Seeding	
63	4130	- Aspen	Po	oletimb	er Well	8.0 48		N/A		Good quality aspen.
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Canopy Specie	es Density	Avg. Height	Size	
	Red Maple	5	Log/Pole	10		Beech	Medium	Variable	Sapling	
	Black Cherry	3	Pole/Log	8		Sugar Maple	Low	Variable	Sapling	
	Beech	2	Log/Pole	12			,		'	
	Sugar Maple	10	Log/Pole	10						
	Bigtooth Aspen	80	Pole/Log	9	48					
64	4130	- Aspen	Sa	apling	Medium	4.0 5	Immature	N/A		Stand is situated on slopes surrounding a wetland depression. Clearcut
	Canopy Species	% Cover	Size Class	DBI	l Age	Sub-Canopy Specie	es Density	Avg. Height	Size	in fall 2017. Retention = scattered residual red maple, white pine, oak and cherry, plus a narrow belt left along the wetland edge.
	White Pine	10	Log/Pole	12		Autumn Olive	Trace	5 - 10 feet	Tall Shrub	
	Black Cherry	5	Pole/Log	8		White Pine	Trace	Variable	Sapling	
	Bigtooth Aspen	75	Sapling	1	5	Beech	Trace	Variable	Sapling	
	Red Oak	5	Pole	8						
	Red Maple	5	Pole/Sapling	7						
65	6233 - W	et Meadow	<i>ı</i>	Nonst	ocked	7.5		No		flood killed timber along inundated Pearl Lake shoreline
						Sub-Canopy Specie	es Density	Avg. Height	Size	
						Red Maple	Low	>20 feet	Pole	
66	4139 - Aspen,	Mixed Deci	duous Sa	apling	Medium	10.1 6	Immature	N/A		Clearcut with residual mixed hardwoods Jan. 2016.
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Canopy Specie	s Density	Avg. Height	Size	
	Bigtooth Aspen	15	Sapling	1	6	Ironwood	Low	< 5 feet	Seeding	
	Black Cherry	35	Sapling	2	6	Beech	Low	5 - 10 feet	Sapling	
	Ironwood	5	Sapling	1						
	Red Oak	3	Pole	8						
	Black Cherry	2	Log	10						
	Quaking Aspen	35	Sapling	1	6					
	0		1							



	Level 4 C	over Type	Siz	ze De	nsity	Acres Sta	and Age B	A Range	Managed S	ite	General Comments
88	3301 - Low Densi	ity Deciduo	us Trees N	lonsto	cked	2.0	Ir	mmature	No		
						Sub-Canop	y Species	Density	Avg. Height	Size	
						Bee	ch	Low	5 - 10 feet	Sapling	
						Common Or Gr	round Junipe	er Low	< 5 feet	Tall Shrub	
						Red (Oak	Low	>20 feet	Pole	
						Red (Oak	Low	>20 feet	Log	
						Red M	1aple	Trace	>20 feet	Log	
						Black C	Cherry	Low	>20 feet	Pole	
						Black C	Cherry	Low	5 - 10 feet	Sapling	
						White	Pine	Trace	Variable	Sapling	
9	4111 - S.Maple, H	ard Mast A	ssociation Sav	wtimbe	er Wel	J 5.1	117	81-110	N/A		
(Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canop	y Species	Density	Avg. Height	Size	
	Beech	5	XLog	18		Ironw	rood	High	Variable	Sapling	
	Red Oak	15	XLog/Log	22		Sugar N	Maple	Medium	Variable	Sapling	
В	Bigtooth Aspen	3	Log	17		`					
	Sugar Maple	57	Log/Pole	10	117						
	Basswood	20	Log/Pole	12							
70	4211 Pip										
U	4311-7111	e, Aspen M	lix Sav	wtimbe	er Wel	l 113.4	102	81-110	N/A		Stand is on steep slopes adjacent to Pearl Lake, Hartman Lake, Lime
	Canopy Species	% Cover	Size Class	DBH	er Wel	Sub-Canop	y Species	Density	Avg. Height	Size	Lake and several wetlands. Part of this stand north of Hartman Lake showed 1901 year of origin for white pine in Ol. 2022 BAs: 150, 30, 1
(Canopy Species Red Maple	% Cover	Size Class Log	DBH	Age	Sub-Canop Bee	oy Species ech	Density Medium	Avg. Height Variable	Sapling	Lake and several wetlands. Part of this stand north of Hartman Lake
В	Canopy Species Red Maple Bigtooth Aspen	% Cover 4 30	Size Class Log Log/Pole/XLog	DBH 14		Sub-Canop Bee Sugar N	oy Species ech Maple	Density Medium Medium	Avg. Height Variable Variable	Sapling Sapling	Lake and several wetlands. Part of this stand north of Hartman Lake showed 1901 year of origin for white pine in Ol. 2022 BAs: 150, 30, 1
В	Canopy Species Red Maple Bigtooth Aspen Sugar Maple	% Cover 4 30 10	Size Class Log Log/Pole/XLog Log/Pole	DBH 14 14 12	Age	Sub-Canop Bee Sugar M White	oy Species ech Maple Pine	Density Medium Medium Low	Avg. Height Variable Variable Variable	Sapling Sapling Sapling	Lake and several wetlands. Part of this stand north of Hartman Lake showed 1901 year of origin for white pine in Ol. 2022 BAs: 150, 30, 1
В	Canopy Species Red Maple Bigtooth Aspen Sugar Maple Paper Birch	% Cover 4 30 10 3	Size Class Log Log/Pole/XLog Log/Pole Log/Pole	14 14 12 11	Age	Sub-Canop Bee Sugar N	oy Species ech Maple Pine	Density Medium Medium	Avg. Height Variable Variable	Sapling Sapling	Lake and several wetlands. Part of this stand north of Hartman Lake showed 1901 year of origin for white pine in Ol. 2022 BAs: 150, 30, 1
В	Red Maple Bigtooth Aspen Sugar Maple Paper Birch Red Pine	% Cover 4 30 10 3 2	Log/Pole Log/Pole Log/Pole Log/Pole Log/Pole Log/Pole/XLog	14 14 12 11 14	Age	Sub-Canop Bee Sugar M White	oy Species ech Maple Pine	Density Medium Medium Low	Avg. Height Variable Variable Variable	Sapling Sapling Sapling	Lake and several wetlands. Part of this stand north of Hartman Lake showed 1901 year of origin for white pine in Ol. 2022 BAs: 150, 30, 1
В	Red Maple Bigtooth Aspen Sugar Maple Paper Birch Red Pine Black Cherry	% Cover 4 30 10 3 2 2	Log/Pole/XLog Log/Pole Log/Pole Log/Pole Log/Pole/XLog Log/Pole/XLog	DBH 14 14 12 11 14 10	Age 88	Sub-Canop Bee Sugar M White	oy Species ech Maple Pine	Density Medium Medium Low	Avg. Height Variable Variable Variable	Sapling Sapling Sapling	Lake and several wetlands. Part of this stand north of Hartman Lake showed 1901 year of origin for white pine in Ol. 2022 BAs: 150, 30, 1
В	Red Maple Bigtooth Aspen Sugar Maple Paper Birch Red Pine Black Cherry White Pine	% Cover 4 30 10 3 2 2 45	Log/Pole/XLog Log/Pole Log/Pole Log/Pole Log/Pole Log/Pole Log/Pole Log/Pole/XLog	14 14 12 11 14 10 16	Age	Sub-Canop Bee Sugar M White	oy Species ech Maple Pine	Density Medium Medium Low	Avg. Height Variable Variable Variable	Sapling Sapling Sapling	Lake and several wetlands. Part of this stand north of Hartman Lake showed 1901 year of origin for white pine in Ol. 2022 BAs: 150, 30, 1
В	Red Maple Bigtooth Aspen Sugar Maple Paper Birch Red Pine Black Cherry	% Cover 4 30 10 3 2 2	Log/Pole/XLog Log/Pole Log/Pole Log/Pole Log/Pole/XLog Log/Pole/XLog	DBH 14 14 12 11 14 10	Age 88	Sub-Canop Bee Sugar M White	oy Species ech Maple Pine	Density Medium Medium Low	Avg. Height Variable Variable Variable	Sapling Sapling Sapling	Lake and several wetlands. Part of this stand north of Hartman Lake showed 1901 year of origin for white pine in Ol. 2022 BAs: 150, 30, 1
'1	Red Maple Bigtooth Aspen Sugar Maple Paper Birch Red Pine Black Cherry White Pine Red Oak 4110 - Sugar M	% Cover 4 30 10 3 2 2 45 4	Log/Pole/XLog Log/Pole Log/Pole Log/Pole/XLog Log/Pole/XLog Log/Pole/XLog Log/Pole/XLog XLog/Log XLog/Log Ciation Sawt	DBH	88 102 Mediu	Sub-Canop Bee Sugar N White Ironw	py Species ech Maple Pine rood	Density Medium Medium Low	Avg. Height Variable Variable Variable Variable Nariable	Sapling Sapling Sapling Sapling	Lake and several wetlands. Part of this stand north of Hartman Lake showed 1901 year of origin for white pine in Ol. 2022 BAs: 150, 30, 1200, 110; mean 132. Mortality in birch.
'11	Red Maple Bigtooth Aspen Sugar Maple Paper Birch Red Pine Black Cherry White Pine Red Oak 4110 - Sugar M Canopy Species	% Cover 4 30 10 3 2 2 45 4 Maple Asso	Log/Pole/XLog Log/Pole Log/Pole Log/Pole Log/Pole/XLog Log/Pole Log/Pole XLog/Log XLog/Log XLog/Log Size Class	DBH 14 14 12 11 14 10 16 22 imber DBH	88 102 Mediu	Sub-Canop Bee Sugar N White Ironw m 51.5 Sub-Canop	py Species ech Maple Pine rood 109 py Species	Density Medium Medium Low Low 81-110 Density	Avg. Height Variable Variable Variable Variable Variable Avg. Height	Sapling Sapling Sapling Sapling	Lake and several wetlands. Part of this stand north of Hartman Lake showed 1901 year of origin for white pine in Ol. 2022 BAs: 150, 30, 1200, 110; mean 132. Mortality in birch.
'1 (Red Maple Bigtooth Aspen Sugar Maple Paper Birch Red Pine Black Cherry White Pine Red Oak 4110 - Sugar M Canopy Species Sugar Maple	% Cover	Log/Pole/XLog Log/Pole Log/Pole Log/Pole/XLog Log/Pole Log/Pole/XLog Log/Pole Log/Pole/XLog XLog/Log XLog/Log Ciation Sawt Size Class Log/Pole	DBH 14 14 12 11 14 10 16 22 imber DBH	88 102 Mediu	Sub-Canop Bee Sugar N White Ironw m 51.5 Sub-Canop	py Species ech Maple Pine rood 109 by Species rood	Density Medium Low Low Low B1-110 Density High	Avg. Height Variable Variable Variable Variable Variable Avg. Height < 5 feet	Sapling Sapling Sapling Sapling Sapling	Lake and several wetlands. Part of this stand north of Hartman Lake showed 1901 year of origin for white pine in OI. 2022 BAs: 150, 30, 200, 110; mean 132. Mortality in birch. Good quality timber. A 30 acre block within the stand was harvested group selection, with cut patch circles ranging from .25 to 1 acre in si Trees were whole-tree harvested and chipped. To be followed by herbicide application and mechanical scarification. Currently no
'1 (Red Maple Bigtooth Aspen Sugar Maple Paper Birch Red Pine Black Cherry White Pine Red Oak 4110 - Sugar M Canopy Species Sugar Maple Black Cherry	% Cover 4 30 10 3 2 2 45 4 Maple Asso	Log/Pole/XLog Log/Pole/XLog Log/Pole/XLog Log/Pole/XLog Log/Pole/XLog XLog/Log XLog/Log Size Class Log/Pole Log/Pole Log/Pole	DBH 14 14 12 11 14 10 16 22 imber DBH 11 16	88 102 Mediu	Sub-Canop Bee Sugar N White Ironw 51.5 Sub-Canop Ironw Sugar N	py Species ch Maple Pine rood 109 py Species rood Maple	Density Medium Low Low B1-110 Density High Low	Avg. Height Variable Variable Variable Variable Variable Variable N/A Avg. Height < 5 feet >20 feet	Sapling Sapling Sapling Sapling Sapling Sapling Size Seeding Sapling	Lake and several wetlands. Part of this stand north of Hartman Lake showed 1901 year of origin for white pine in OI. 2022 BAs: 150, 30, 200, 110; mean 132. Mortality in birch. Good quality timber. A 30 acre block within the stand was harvested group selection, with cut patch circles ranging from .25 to 1 acre in si Trees were whole-tree harvested and chipped. To be followed by
BB B	Red Maple Bigtooth Aspen Sugar Maple Paper Birch Red Pine Black Cherry White Pine Red Oak 4110 - Sugar M Canopy Species Sugar Maple Black Cherry Beech	% Cover	Log/Pole/XLog Log/Pole Log/Pole Log/Pole/XLog Log/Pole Log/Pole/XLog Log/Pole Log/Pole/XLog XLog/Log XLog/Log Ciation Sawt Size Class Log/Pole	DBH 14 14 12 11 14 10 16 22 DBH 11 14 10 16 17	88 102 Mediu	Sub-Canop Bee Sugar N White Ironw m 51.5 Sub-Canop	py Species ch Maple Pine rood 109 py Species rood Maple	Density Medium Low Low Low B1-110 Density High	Avg. Height Variable Variable Variable Variable Variable Avg. Height < 5 feet	Sapling Sapling Sapling Sapling Sapling Sapling Size Seeding Sapling Sapling	Lake and several wetlands. Part of this stand north of Hartman Lake showed 1901 year of origin for white pine in OI. 2022 BAs: 150, 30, 200, 110; mean 132. Mortality in birch. Good quality timber. A 30 acre block within the stand was harvested group selection, with cut patch circles ranging from .25 to 1 acre in si Trees were whole-tree harvested and chipped. To be followed by herbicide application and mechanical scarification. Currently no
BB B	Red Maple Bigtooth Aspen Sugar Maple Paper Birch Red Pine Black Cherry White Pine Red Oak 4110 - Sugar M Canopy Species Sugar Maple Black Cherry Beech Bigtooth Aspen	% Cover 4 30 10 3 2 2 45 4 Maple Assor % Cover 87 2 3 4	Log/Pole/XLog Log/Pole/XLog Log/Pole/XLog Log/Pole/XLog Log/Pole/XLog XLog/Log XLog/Log Size Class Log/Pole Log/Pole Log/Pole	DBH 14 14 12 11 14 10 16 22 imber DBH 11 16 17 14	88 102 Mediu	Sub-Canop Bee Sugar N White Ironw 51.5 Sub-Canop Ironw Sugar N	py Species pich Maple Pine prood 109 py Species prood Maple pich	Density Medium Low Low B1-110 Density High Low	Avg. Height Variable Variable Variable Variable Variable Variable N/A Avg. Height < 5 feet >20 feet	Sapling Sapling Sapling Sapling Sapling Sapling Size Seeding Sapling	Lake and several wetlands. Part of this stand north of Hartman Lake showed 1901 year of origin for white pine in Ol. 2022 BAs: 150, 30, 1200, 110; mean 132. Mortality in birch. Good quality timber. A 30 acre block within the stand was harvested group selection, with cut patch circles ranging from .25 to 1 acre in six Trees were whole-tree harvested and chipped. To be followed by herbicide application and mechanical scarification. Currently no
771 (Red Maple Bigtooth Aspen Sugar Maple Paper Birch Red Pine Black Cherry White Pine Red Oak 4110 - Sugar M Canopy Species Sugar Maple Black Cherry Beech	% Cover 4 30 10 3 2 2 45 4 Maple Asso % Cover 87 2 3	Log/Pole/XLog Log/Pole Log/Pole Log/Pole Log/Pole Log/Pole Log/Pole Log/Pole Log/Pole XLog/Log Ciation Sawt Size Class Log/Pole Log Log/XLog	DBH 14 14 12 11 14 10 16 22 DBH 11 14 10 16 17	88 102 Mediu	Sub-Canop Bee Sugar N White Ironw 51.5 Sub-Canop Ironw Sugar N Bee	py Species pich Maple Pine prood 109 py Species prood Maple pich	Density Medium Low Low 81-110 Density High Low High	Avg. Height Variable Variable Variable Variable Variable N/A Avg. Height < 5 feet >20 feet Variable	Sapling Sapling Sapling Sapling Sapling Sapling Size Seeding Sapling Sapling	Lake and several wetlands. Part of this stand north of Hartman Lake showed 1901 year of origin for white pine in Ol. 2022 BAs: 150, 30, 1200, 110; mean 132. Mortality in birch. Good quality timber. A 30 acre block within the stand was harvested a group selection, with cut patch circles ranging from .25 to 1 acre in six Trees were whole-tree harvested and chipped. To be followed by herbicide application and mechanical scarification. Currently no



Stand	Level 4 Co	over Type		Size De	ensity	Acres Stand Age B	A Range	Managed S	Site	General Comments
73	4130	- Aspen	F	Poletimb	er Wel	l 18.5 48		N/A		Scattered red maple and red oak.
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Canopy Species	Density	Avg. Height	Size	
	Sugar Maple	5	Log/Pole	10		Ironwood	Medium	>20 feet	Sapling	
	Beech	7	Log/Pole	12		Beech	Low	Variable	Sapling	
	Bigtooth Aspen	84	Pole/Log	9	48	Sugar Maple	High	Variable	Sapling	
	Black Cherry	4	Pole	8	48					
74	3301 - Low Densi	ity Deciduo	ous Trees	Nonst	ocked	16.1	mmature	No		Sugar maple saplings are in patches surrounding many of the open-
						Sub-Canopy Species	Density	Avg. Height	Size	grown black cherry trees.
						Autumn Olive	Trace	5 - 10 feet	Tall Shruk	
						White Spruce	Trace	Variable	Sapling	
						Sugar Maple	Medium	Variable	Sapling	
						Black Cherry	Low	>20 feet	Pole	
						Apple (spp.)	Trace	10 - 20 feet	Pole	
						Red Pine	Trace	Variable	Sapling	
						Scotch Pine	Trace	>20 feet	Pole	
						Common Or Ground Junip	er Low	< 5 feet	Tall Shruk	
						Red Pine	Trace	>20 feet	Pole	
						Common Lilac	Trace	5 - 10 feet	Tall Shrub	
75	3301 - Low Densi	ity Deciduo	ous Trees	Nonst	ocked	1.4	mmature	No		Southeast end is wide open - past timber landing. Northwest end has
						Sub-Canopy Species	Density	Avg. Height	Size	more tree cover.
						Red Pine	Trace	>20 feet	Pole	
						Sugar Maple	Trace	>20 feet	Pole	
						Sugar Maple	Low	Variable	Sapling	
						Black Cherry	Medium	>20 feet	Pole	
						Red Pine	Trace	10 - 20 feet	Sapling	
						Beech	Trace	Variable	Sapling	
						Blackberry/Raspberry	Low	< 5 feet	Tall Shrub	
76	6239 - Mixed E	mergent W	/etland	Nonsto	ocked	1.2		No		Surrounded by flood-killled white pine.
78	4110 - Sugar M	laple Asso	ciation F	Poletimb	er Wel	8.4 60	51-80	N/A		One aspen clone in SW part of stand.
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Canopy Species	Density	Avg. Height	Size	
	Bigtooth Aspen	2	Pole	7		Sugar Maple	Full	Variable	Sapling	
	Sugar Maple	80	Pole/Sap/Log	9 6	60	Red Pine	Low	Variable	Sapling	
	Red Pine	3	Pole	6		Beech	Low	5 - 10 feet	Sapling	
	Black Cherry	15	Pole/Log	8						



Stan	d Level 4 Co	over Type	S	ize De	nsity	Acres Stand Age B	A Range	Managed S	Site	General Comments
79	4130 -	- Aspen	Sa	awtimb	er Well	2.1 70		N/A		Wooded island in Pearl Lake with some open shoreline. Grasses, sedges, reeds, and some cedar seedlings cover the open shore areas.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	There is one big, old cottonwood on the island. Note: not visited/updated
No	orthern White Cedar	5	Pole/Log	8		Beech	Low	Variable	Sapling	in 2022.
	White Pine	10	Log/Pole	12		Northern White Cedar	Medium	>20 feet	Pole	
	Bigtooth Aspen	80	Log	14	70	Deciduous Saplings	Low	Variable	Sapling	
	Paper Birch	5	Log/Pole	10		Serviceberry (Juneberry)	Low	>20 feet	Tall Shrub	
						White Pine	Low	Variable	Sapling	
80	4139 - Aspen, I	Mixed Decid	duous Po	oletimb	er Well	17.6 48	81-110	N/A		2012 notes: There are scattered individuals\clumps of older aspen and
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	hardwoods along with the pole-sized age class which resulted from a 1974 cut. Stand is succeeding to hardwoods.
	Quaking Aspen	40	Pole/Log	9	48	Sugar Maple	High	Variable	Sapling	1074 cut. Otahu is succeeding to hardwoods.
	Black Cherry	5	Pole	7	48	Ironwood	High	Variable	Sapling	
	Sugar Maple	35	Pole/Sap/Log	7		Sugar Maple	Low	>20 feet	Pole	
	Ironwood	10	Pole/Sapling	5						
	Bigtooth Aspen	10	Pole/Log	9	48					
81	4110 - Sugar M	laple Assoc	iation Saw	/timber	· Mediur	m 54.1 99	81-110	N/A		Stand was thinned in 2006, resulting in a heavy flush of rubus and beech
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	in canopy gaps. Aspen is in scattered clones. 2022 BAs: 80, 100, 130, 90, 100, 140; mean 107. High quality sugar maple. Scattered red maple
	Black Cherry	3	Log	14		Sugar Maple	Low	>20 feet	Sapling	and red oak.
	Bigtooth Aspen	5	Log	13		Beech	Full	5 - 10 feet	Sapling	
	Beech	10	XLog/Log	20		Ironwood	Medium	Variable	Sapling	
	Basswood	2	Log	15						
	0 14 1									
	Sugar Maple	80	Log/Pole	12	99					
82	3301 - Low Densi			12 Nonsto		1.0 li	mmature	No		
82							mmature Density		Size	
82						1.0 In Sub-Canopy Species Basswood		No Avg. Height >20 feet		
82						Sub-Canopy Species Basswood	Density Trace	Avg. Height >20 feet	Log	
82						Sub-Canopy Species Basswood Black Cherry	Density	Avg. Height >20 feet >20 feet	Log Log	
82						Sub-Canopy Species Basswood Black Cherry Apple (spp.)	Density Trace Trace Low	Avg. Height >20 feet >20 feet 10 - 20 feet	Log Log Tall Shrub	
82						Sub-Canopy Species Basswood Black Cherry Apple (spp.) Sugar Maple	Trace Trace Low Low	Avg. Height >20 feet >20 feet 10 - 20 feet >20 feet	Log Log Tall Shrub Log	
82						Sub-Canopy Species Basswood Black Cherry Apple (spp.) Sugar Maple Deciduous Saplings	Trace Trace Low Low Trace	Avg. Height >20 feet >20 feet 10 - 20 feet >20 feet Variable	Log Log Tall Shrub Log Sapling	
82						Sub-Canopy Species Basswood Black Cherry Apple (spp.) Sugar Maple Deciduous Saplings Scotch Pine	Density Trace Trace Low Low Trace Trace Trace	>20 feet >20 feet 10 - 20 feet >20 feet Variable 10 - 20 feet	Log Log Tall Shrub Log Sapling Sapling	
	3301 - Low Densi	ty Deciduou	us Trees 1	Nonsto	ocked	Sub-Canopy Species Basswood Black Cherry Apple (spp.) Sugar Maple Deciduous Saplings Scotch Pine Red Pine	Density Trace Trace Low Low Trace Trace Trace Trace Trace	Avg. Height >20 feet >20 feet 10 - 20 feet >20 feet Variable 10 - 20 feet 5 - 10 feet	Log Log Tall Shrub Log Sapling	
82	3301 - Low Densi	ty Deciduou	us Trees 1	Nonsto	er Well	Sub-Canopy Species Basswood Black Cherry Apple (spp.) Sugar Maple Deciduous Saplings Scotch Pine Red Pine 7.4 90	Density Trace Trace Low Low Trace Trace Trace Trace Trace	Avg. Height >20 feet >20 feet 10 - 20 feet >20 feet Variable 10 - 20 feet 5 - 10 feet	Log Log Tall Shrub Log Sapling Sapling Sapling	Stand is situated on slopes surrounding a depression. Fair amount of mortality in the aspen. Stand is succeeding to hardwoods. Scattered
	3301 - Low Densi	ty Deciduou Mixed Decid	duous Sa	Nonsto nawtimb	ocked	Sub-Canopy Species Basswood Black Cherry Apple (spp.) Sugar Maple Deciduous Saplings Scotch Pine Red Pine 7.4 90 Sub-Canopy Species	Density Trace Trace Low Low Trace Trace Trace Trace Trace Density	Avg. Height >20 feet >20 feet 10 - 20 feet >20 feet Variable 10 - 20 feet 5 - 10 feet N/A Avg. Height	Log Log Tall Shrub Log Sapling Sapling Sapling	Stand is situated on slopes surrounding a depression. Fair amount of
	3301 - Low Densi 4139 - Aspen, I Canopy Species Red Maple	Mixed Decid Cover 20	duous Sa Size Class Log/Pole	Nonsto	er Well	Sub-Canopy Species Basswood Black Cherry Apple (spp.) Sugar Maple Deciduous Saplings Scotch Pine Red Pine 7.4 90 Sub-Canopy Species Sugar Maple	Density Trace Trace Low Low Trace Trace Trace Trace Trace Trace Trace High	Avg. Height >20 feet >20 feet 10 - 20 feet >20 feet Variable 10 - 20 feet 5 - 10 feet N/A Avg. Height Variable	Log Log Tall Shrub Log Sapling Sapling Sapling Sapling Sapling	Stand is situated on slopes surrounding a depression. Fair amount of mortality in the aspen. Stand is succeeding to hardwoods. Scattered
	3301 - Low Densi 4139 - Aspen, I Canopy Species Red Maple Quaking Aspen	Mixed Deciduous Mixed Deciduous Cover 20 5	duous Sa Size Class Log/Pole Log/Pole	Nonsto	er Well	Sub-Canopy Species Basswood Black Cherry Apple (spp.) Sugar Maple Deciduous Saplings Scotch Pine Red Pine 7.4 90 Sub-Canopy Species Sugar Maple Beech	Density Trace Trace Low Low Trace Trace Trace Trace Trace Density	Avg. Height >20 feet >20 feet 10 - 20 feet >20 feet Variable 10 - 20 feet 5 - 10 feet N/A Avg. Height Variable Variable	Log Log Tall Shrub Log Sapling Sapling Sapling Size Sapling Sapling	Stand is situated on slopes surrounding a depression. Fair amount of mortality in the aspen. Stand is succeeding to hardwoods. Scattered
	3301 - Low Densi 4139 - Aspen, I Canopy Species Red Maple	Mixed Decid Cover 20	duous Sa Size Class Log/Pole	Nonsto	er Well	Sub-Canopy Species Basswood Black Cherry Apple (spp.) Sugar Maple Deciduous Saplings Scotch Pine Red Pine 7.4 90 Sub-Canopy Species Sugar Maple	Density Trace Trace Low Low Trace Trace Trace Trace Trace Trace Trace High	Avg. Height >20 feet >20 feet 10 - 20 feet >20 feet Variable 10 - 20 feet 5 - 10 feet N/A Avg. Height Variable	Log Log Tall Shrub Log Sapling Sapling Sapling Sapling Sapling	Stand is situated on slopes surrounding a depression. Fair amount of mortality in the aspen. Stand is succeeding to hardwoods. Scattered



Stand	Level 4 C	over Type	5	Size D	ensity	Acres	Stand Age E	BA Range	Managed 9	Site	General Comments
85	6239 - Mixed E	mergent W	etland/	Nonst	ocked	3.0			No		(2012 notes: Forbs, grasses, raspberries. and tree seedlings on exposed edges of wetland.)
86	6239 - Mixed E	mergent W	/etland	Nonst	ocked	3.2			No		pond with open upland fringe
						Sub-Ca	nopy Species	Density	Avg. Height	Size	
						Common O	r Ground Juni	per Trace	< 5 feet	Tall Shrub	
						Autu	ımn Olive	Trace	5 - 10 feet	Tall Shrub	
87	4130	- Aspen	P	oletiml	er Well	37.6	27	Immature	N/A		Stand has several small openings and scattered patches of remnant oak.
(Canopy Species	% Cover	Size Class	DBI	H Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Sigtooth Aspen	80	Pole/Sapling	5	27		ck Cherry	Medium	Variable	Sapling	
	Red Maple	5	Pole/Sapling	5	27	Iro	onwood	Medium	Variable	Sapling	
	Red Oak	3	Log/Pole	12		E	Beech	Medium	5 - 10 feet	Sapling	
	Black Cherry	10	Pole/Sapling	5	27				1	1	ı
Q	Quaking Aspen	2	Sapling/Pole	4	27						
89	3301 - Low Dens	ity Deciduo	us Trees	Nonst	ocked	1.9		Immature	No		
						Sub-Ca	nopy Species	Density	Avg. Height	Size	
						Blac	ck Cherry	Low	Variable	Sapling	
						Blackbe	rry/Raspberry	Trace	< 5 feet	Tall Shrub	
						Pin	es (spp.)	Trace	Variable	Sapling	
						Common O	r Ground Juni	per Low	< 5 feet	Tall Shrub	
						Sug	ar Maple	Low	Variable	Sapling	
							ck Cherry	Medium	>20 feet	Pole	
						R	ed Oak	Trace	>20 feet	Log	
91	42110 - Pla				er Well		65	111-140	N/A		(2012 comments: Hardwood regen. is thick in places; mostly beech with some sugar maple, cherry, ironwood, and ash. Narrow strip of deciduous
	Canopy Species		Size Class		H Age		nopy Species		Avg. Height	Size	trees along Fowler Rd. SI trees: 10.3" 74', 10.0" 68', 10.0" 78') Thinned
	Red Pine	95	Log/Pole	11	65	E	Beech	High	Variable	Sapling	in fall 2016; understory hardwood saplings greatly reduced. 2022 BAs: 140, 130, 130, 140, 110; mean 130. Beech regen has rebounded. Good
	Sugar Maple	2	Pole/Sap/Log	7							quality red pine.
	Black Cherry	3	Pole/Log	9							
93	3301 - Low Dens	ity Deciduo	us Trees	Nonst	ocked	2.7		Immature	No		Opening is succeeding to forest cover, mostly sugar maple, red pine and black cherry.
						Sub-Ca	nopy Species	Density	Avg. Height	Size	black charry.
							ar Maple	Medium	Variable	Sapling	
							ed Pine	Low	Variable	Sapling	
							ar Maple	Low	>20 feet	Pole	
							ed Pine	Trace	>20 feet	Pole	
						Blac	ck Cherry	Low	>20 feet	Log	



Stand	d Level 4 Co	over Type	;	Size De	ensity	Acres Stand A	ge BA Range	Managed 9	Site	General Comments
94	4111 - S.Maple, Ha				er Well	12.5 90	141-170	N/A		There are old beech monitoring plots in the stand. Aspen is dying out, some BBD mortality. Scattered black cherry. 2022 BAs: 110, 160, 160,
	Canopy Species		Size Class		l Age	Sub-Canopy Spe		Avg. Height	Size	180; mean 152.
	Basswood	10	Log/Pole/XLog	-		Sugar Maple	Low	Variable	Sapling	
	Bigtooth Aspen	3	Log	14		Ironwood	Medium	Variable	Sapling	
	Beech	25	Log/Pole/XLog	-		Beech	Full	Variable	Sapling	
	Sugar Maple	62	Log/Pole	12	90					
95	4110 - Sugar M	/laple Asso	ciation P	oletimb	er Well	6.6 54	81-110	N/A		2-storied stand: sparse, older hardwoods, mostly cherry, with advanced sugar maple regeneration. Scattered aspen and juneberry. 2022 BAs:
	Canopy Species	% Cover	Size Class	DBH	H Age	Sub-Canopy Spe	cies Density	Avg. Height	Size	60, 110, 90; mean 87.
	Ironwood	10	Pole/Sapling	5		Sugar Maple	High	Variable	Sapling	
	Black Cherry	15	Log	16		Autumn Olive	Trace	5 - 10 feet	Tall Shrub	
	White Pine	2	Log/XLog	16		Ironwood	Medium	Variable	Sapling	
	Basswood	5	Log/XLog	16						
	Red Maple	5	Pole/Log	8						
	Sugar Maple	63	Pole/Sap/Log	6	54					
96	3102	- Grass		Nonst	ocked	2.5	Immature	No		low, frost-prone
						Sub-Canopy Spe	cies Density	Avg. Height	Size	
						Deciduous Saplir	ngs Trace	Variable	Sapling	
						Scotch Pine	Trace	10 - 20 feet	Sapling	
						Blackberry/Raspb	erry Low	< 5 feet	Tall Shrub	
						Red Pine	Low	10 - 20 feet	Pole	
97	4130	- Aspen	S	awtimb	er Well	6.8 54		N/A		Excellent growth in aspen. Patch of WP at northeast end of the stand.
31		•								
31	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Canopy Spe	cies Density	Avg. Height	Size	
<i>J</i> 1		% Cover	Size Class Log/Pole	DB H	l Age	Sub-Canopy Spe Ironwood	cies Density Trace	Avg. Height >20 feet	Size Pole	
J1	Canopy Species				Age 54					
J1	Canopy Species Sugar Maple	6	Log/Pole	12		Ironwood	Trace	>20 feet	Pole	
31	Canopy Species Sugar Maple Bigtooth Aspen	6 85	Log/Pole Log/Pole	12 13		Ironwood Ironwood	Trace Medium	>20 feet Variable	Pole Sapling	
98	Canopy Species Sugar Maple Bigtooth Aspen Quaking Aspen	6 85 6 3	Log/Pole Log/Pole Log Log	12 13 12	54	Ironwood Ironwood	Trace Medium	>20 feet Variable	Pole Sapling Sapling	Filling in with sugar maple and ironwood.
	Canopy Species Sugar Maple Bigtooth Aspen Quaking Aspen Black Cherry	6 85 6 3	Log/Pole Log/Pole Log Log	12 13 12 12	54	Ironwood Ironwood Sugar Maple	Trace Medium High	>20 feet Variable Variable	Pole Sapling Sapling	Filling in with sugar maple and ironwood.
	Canopy Species Sugar Maple Bigtooth Aspen Quaking Aspen Black Cherry	6 85 6 3	Log/Pole Log/Pole Log Log	12 13 12 12	54 ocked	Ironwood Ironwood Sugar Maple 2.5	Trace Medium High Immature cies Density	>20 feet Variable Variable Managed O	Pole Sapling Sapling	
	Canopy Species Sugar Maple Bigtooth Aspen Quaking Aspen Black Cherry	6 85 6 3	Log/Pole Log/Pole Log Log	12 13 12 12	54 ocked	Ironwood Ironwood Sugar Maple 2.5 Sub-Canopy Spe	Trace Medium High Immature Cies Density Juniper Low	>20 feet Variable Variable Managed O Avg. Height	Pole Sapling Sapling Ppening Size	
	Canopy Species Sugar Maple Bigtooth Aspen Quaking Aspen Black Cherry	6 85 6 3	Log/Pole Log/Pole Log Log	12 13 12 12	54 ocked	Ironwood Ironwood Sugar Maple 2.5 Sub-Canopy Spe Common Or Ground	Immature cies Density Juniper Low erry Low	>20 feet Variable Variable Managed O Avg. Height < 5 feet	Pole Sapling Sapling Ppening Size Tall Shrub	
	Canopy Species Sugar Maple Bigtooth Aspen Quaking Aspen Black Cherry	6 85 6 3	Log/Pole Log/Pole Log Log	12 13 12 12	54 ocked	Ironwood Ironwood Sugar Maple 2.5 Sub-Canopy Spe Common Or Ground Blackberry/Raspb	Immature cies Density Juniper Low erry Low	>20 feet Variable Variable Managed O Avg. Height < 5 feet < 5 feet	Pole Sapling Sapling Ppening Size Tall Shrub Tall Shrub	
	Canopy Species Sugar Maple Bigtooth Aspen Quaking Aspen Black Cherry	6 85 6 3	Log/Pole Log/Pole Log Log	12 13 12 12	54 ocked	Ironwood Ironwood Sugar Maple 2.5 Sub-Canopy Spe Common Or Ground Blackberry/Raspb Bigtooth Asper	Immature cicies Density Juniper Lowerry Low Trace	>20 feet Variable Variable Managed O Avg. Height < 5 feet < 5 feet >20 feet	Pole Sapling Sapling Spening Size Tall Shrub Log	
	Canopy Species Sugar Maple Bigtooth Aspen Quaking Aspen Black Cherry	6 85 6 3	Log/Pole Log/Pole Log Log	12 13 12 12	54 ocked	Ironwood Ironwood Sugar Maple 2.5 Sub-Canopy Spe Common Or Ground Blackberry/Raspb Bigtooth Asper Black Cherry	Immature cies Density Juniper Low erry Low Trace Low	>20 feet Variable Variable Managed O Avg. Height < 5 feet < 5 feet >20 feet >20 feet	Pole Sapling Sapling Ppening Size Tall Shrub Log Pole	
	Canopy Species Sugar Maple Bigtooth Aspen Quaking Aspen Black Cherry	6 85 6 3	Log/Pole Log/Pole Log Log	12 13 12 12	54 ocked	Ironwood Ironwood Sugar Maple 2.5 Sub-Canopy Spe Common Or Ground Blackberry/Raspb Bigtooth Asper Black Cherry Sugar Maple	Immature cies Density Juniper Low erry Low Trace Low Medium Low	>20 feet Variable Variable Managed O Avg. Height < 5 feet < 5 feet >20 feet >20 feet Variable	Pole Sapling Sapling Pening Size Tall Shrub Tall Shrub Log Pole Sapling	
	Canopy Species Sugar Maple Bigtooth Aspen Quaking Aspen Black Cherry	6 85 6 3	Log/Pole Log/Pole Log Log	12 13 12 12	54 ocked	Ironwood Ironwood Sugar Maple 2.5 Sub-Canopy Spe Common Or Ground Blackberry/Raspb Bigtooth Asper Black Cherry Sugar Maple Ironwood	Immature cies Density Juniper Low erry Low Trace Low Medium Low	>20 feet Variable Variable Managed O Avg. Height < 5 feet < 5 feet >20 feet >20 feet Variable Variable	Pole Sapling Sapling Pening Size Tall Shrub Tall Shrub Log Pole Sapling Sapling	



Stand	Level 4 C	over Type	:	Size D	ensity	Acres	Stand Age B	A Range	Managed S	Site	General Comments
99	4130	- Aspen	P	Poletimb	er Well	10.2	27 l	mmature	N/A		Scattered white pine saplings and poles.
	Canopy Species	% Cover	Size Class	DBI	l Age	Sub-Can	nopy Species	Density	Avg. Height	Size	
	Red Oak	3	Pole/Log	8		Blac	k Cherry	High	Variable	Sapling	
	Bigtooth Aspen	94	Pole/Sapling	5	27	Iro	nwood	Low	Variable	Sapling	
	Black Cherry	3	Pole/Sapling	5	27	В	Beech	Low	Variable	Sapling	
100	3301 - Low Dens	ity Deciduo	us Trees	Nonst	ocked	3.0			No		
						Sub-Can	nopy Species	Density	Avg. Height	Size	
						Wh	ite Pine	Low	Variable	Sapling	
						Blac	k Cherry	Low	>20 feet	Pole	
					С	ommon Or	r Ground Junip	er Low	< 5 feet	Tall Shrub	
						Quaki	ing Aspen	Low	>20 feet	Pole	
						Re	ed Oak	Low	>20 feet	Pole	
						Wh	ite Pine	Low	>20 feet	Log	
101	4319 - Mixed	d Upland Fo	orest P	oletimb	er Poor	34.2	88	1-50	N/A		Stand was dense blocks of plantation white pine in low areas with
	Canopy Species	% Cover	Size Class	DBI	l Age	Sub-Can	nopy Species	Density	Avg. Height	Size	intervening patches of aspen & hardwoods. Shelterwood cut in 2017 retaining some WP, hardwood poles, and selected mature hardwood
	Quaking Aspen	1	Pole	8		Blackber	ry/Raspberry	Full	< 5 feet	Tall Shrub	Expected to fill in with mixed pine, hardwoods, and aspen. 2022: good
	White Pine	45	Pole/Log	9	60	Iro	nwood	Low	Variable	Sapling	aspen regeneration in patches, otherwise mixed beech, ironwood, su
	Basswood	1	Log	14		Deciduo	ous Saplings	Trace	5 - 10 feet	Sapling	maple,, cherry, and a few ash.
	Black Cherry	2	Log/Pole	12		Bigtoo	oth Aspen	Medium	5 - 10 feet	Sapling	
	Sugar Maple	50	Pole/Log	9	88	Suga	ar Maple	Low	>20 feet	Sapling	
	American Elm	1	Pole	8		В	Beech	Low	Variable	Sapling	
						Wh	ite Pine	Trace	< 5 feet	Seeding	
102	4130	- Aspen	S	Sapling	Medium	3.7	5 I	mmature	N/A		Clearcut in summer 2017. Scattered leave trees: mixed deciduous and the control of the control o
	Canopy Species	% Cover	Size Class	DBI	l Age	Sub-Car	nopy Species	Density	Avg. Height	Size	white pine, plus some advanced maple and white pine regeneration retained during harvest. Good initial flush of aspen regeneration, but
	White Pine	5	Log	12		Wh	ite Pine	Trace	< 5 feet	Seeding	
	Sugar Maple	2	Sapling	1							
	Bigtooth Aspen	60	Sapling	1	5						
	Ironwood	3	Sapling	1							
	White Pine	5	Sapling	2							
	Black Cherry	15	Sapling	1	5						
	Red Maple	3	Pole	8							
	Beech	5	Sapling	1							
	Black Cherry	2	Log	12							
103	122 - Roa	d/Parking L	ot	Nonst	ocked	9.6			No		Fowler & Rayle Rds.



Stand	Level 4 Cover Type	Si	ze Density	ty Acres Stand Age BA Range Managed Site				General Comments		
104	3301 - Low Density Deciduou	s Trees N	lonstocked	24.3 lı	mmature	No		Old field filling in with hardwoods and pine. West end has some planted		
				Sub-Canopy Species	Density	Avg. Height	Size	autumn olive, hawthorn and spruce. Deciduous trees are mainly black cherry and sugar maple with scattered oak, beech and guaking aspen.		
				Common Or Ground Junipe	er Low	< 5 feet	Tall Shrub	Denser hardwood patch on small hill in the middle of the stand was		
				Sugar Maple	Low	Variable	Sapling	thinned heavily in late summer 2017.		
				Deciduous Saplings	Low	Variable	Sapling			
				Aspen (spp.)	Low	>20 feet	Sapling			
				Bracken Fern	High		Non-Wood			
				White Spruce	Trace	>20 feet	Pole			
				Red Oak	Low	>20 feet	Log			
				White Pine	Low	>20 feet	Log			
				Beech	Low	>20 feet	Log			
				Blackberry/Raspberry	Low	< 5 feet	Tall Shrub			
				Sugar Maple	Low	>20 feet	Log			
				Autumn Olive	Low	5 - 10 feet	Tall Shrub			
				Black Cherry	Low	>20 feet	Pole			
				White Pine	Low	Variable	Sapling			
105	6239 - Mixed Emergent We	etland N	lonstocked	2.3		No				
				Sub-Canopy Species	Density	Avg. Height	Size			
				Phragmities (spp.)	Trace		Non-Wood			
				Mixes Sedges/Grasses	Low		Non-Wood			
106	6239 - Mixed Emergent We	etland N	lonstocked	3.2 Immature		No				
107	6239 - Mixed Emergent We	etland N	lonstocked	3.0		No				
		0239 - Mixed Efficigent Wetland Nonstocked								
				Sub-Canopy Species	Density	Avg. Height	Size			
				Sub-Canopy Species Deciduous Saplings	Density Trace	Avg. Height Variable	Size Sapling			
108	42201 - Natural White Pine, Deciduous	Mixed Sawt	imber Mediu	Deciduous Saplings				Thinned Dec. 2015. 2022 BAs: 60, 110, 150, 90, 90, 70, 60; mean 90. There are a few big, old veteran white pines in the stand.		
	Deciduous	Mixed Sawt	imber Mediu	Deciduous Saplings	Trace	Variable				
	Deciduous Canopy Species % Cover			Deciduous Saplings m 17.2 57	Trace 81-110	Variable N/A	Sapling			
	Deciduous Canopy Species % Cover	Size Class	DBH Age	Deciduous Saplings m 17.2 57 Sub-Canopy Species	Trace 81-110 Density	Variable N/A Avg. Height	Sapling			
	Deciduous Canopy Species % Cover Red Maple 10 I	Size Class _og/Pole/XLog	DBH Age	Deciduous Saplings m 17.2 57 Sub-Canopy Species Ironwood	81-110 Density Low	Variable N/A Avg. Height Variable	Sapling Size Sapling			
(Deciduous Canopy Species % Cover Red Maple 10 I Sugar Maple 6 6	Size Class Log/Pole/XLog Pole/Log	DBH Age 12 8	Deciduous Saplings m 17.2 57 Sub-Canopy Species Ironwood White Pine	81-110 Density Low Medium	Variable N/A Avg. Height Variable Variable	Size Sapling Sapling			
(Deciduous Canopy Species % Cover Red Maple 10 I Sugar Maple 6 I Quaking Aspen 3 I	Size Class Log/Pole/XLog Pole/Log Log/Pole	DBH Age 12 8 11 52	Deciduous Saplings m 17.2 57 Sub-Canopy Species Ironwood White Pine Beech	Trace 81-110 Density Low Medium Medium	Variable N/A Avg. Height Variable Variable Variable	Size Sapling Sapling Sapling Sapling			
(Deciduous Canopy Species % Cover Red Maple 10 I Sugar Maple 6 I Quaking Aspen 3 I Bigtooth Aspen 3 I Red Oak 3 I	Size Class Log/Pole/XLog Pole/Log Log/Pole Log/Pole	DBH Age 12 8 11 52 12 70	Deciduous Saplings m 17.2 57 Sub-Canopy Species Ironwood White Pine Beech White Pine	Trace 81-110 Density Low Medium Medium Low	Variable N/A Avg. Height Variable Variable Variable >20 feet	Size Sapling Sapling Sapling Sapling Pole			



Stan	d Level 4 Co	evel 4 Cover Type Size Density Acres Stand Age BA Range Managed Site		Site	General Comments					
109	4130	- Aspen	Ро	letimber Wel		II 27.2 38		N/A		
	Canopy Species	% Cover	Size Class	ass DBH Age		Sub-Canopy Species	Density	Avg. Height	Size	
	Bigtooth Aspen	70	Pole	7	38	Ironwood	Medium	< 5 feet	Seeding	
	Black Cherry	15	Pole/Sapling	7	38	Beech	Low	Variable	Sapling	
	White Pine	2	Log	16		Ironwood	High	Variable	Sapling	
	Red Maple	4	Pole/Sapling	5	38	Sugar Maple	Medium	Variable	Sapling	
	Quaking Aspen	3	Pole	7	38		1			
	Sugar Maple	6	Pole/Sapling	6						
110	3102	- Grass	١	Nonst	ocked	2.6		No		
						Sub-Canopy Species	Density	Avg. Height	Size	
						Black Cherry	Low	>20 feet	Log	
						Blackberry/Raspberry	Trace	< 5 feet	Tall Shruk	
						Sugar Maple	Low	Variable	Sapling	
						Common Or Ground Junipe	r Low	< 5 feet	Tall Shruk	
						Sugar Maple	Medium	>20 feet	Pole	
111		 101 - Planted White Pine, Mixed Sawtimber Med Deciduous py Species % Cover Size Class DBH Age 			um 24.9 60 8 Sub-Canopy Species	N/A Avg. Height	Size	NE part of west part of stand has a 1-2 acre hardwood inclusion. Scattered elm. Row thinned 2017, most of the aspen removed at that time. 2022 BAs: 110, 100, 150, 80; mean 110.		
	Red Maple	10	Log/Pole	10		Sugar Maple	Low	5 - 10 feet	Sapling	
	White Pine	60	Log/Pole	10	60	Ironwood	High	< 5 feet	Seeding	
	Black Cherry	20	Log/Pole	13		Ironwood	Low	Variable	Sapling	
	Quaking Aspen	1	Log/Pole	10	72	Beech	Medium	Variable	Sapling	
	Sugar Maple	9	Pole	8						
112	42101 - Planted Deci	White Pine	, Mixed Pole	timbe	r Mediu	um 13.4 64 1	11-140	N/A		Occassional row of red pine; scattered red maple, elm, and ironwood. Some mortality in aspen. Thinned in Dec. 2018. 2022 BAs: 90, 150.
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Canopy Species	Density	Avg. Height	Size	110, 150, 180; mean 136.
	Red Pine	5	Log/Pole	10		Sugar Maple	Low	Variable	Sapling	
	Black Cherry	10	Log/Pole	12		Beech	Low	Variable	Sapling	
	Sugar Maple	7	Pole/Sapling	7						
		75	Pole/Log	9						
	White Pine				64					
	White Pine Quaking Aspen	3	Log/Pole	10	64					
113	Quaking Aspen	3		10		l 12.7 111 1	11-140	N/A		Similar to surrounding hardwood stand, but somewhat older and larger
113	Quaking Aspen	3 laple Assoc	ciation Sa	10 wtimb	61	I 12.7 111 1 Sub-Canopy Species	11-140 Density	N/A Avg. Height	Size	Similar to surrounding hardwood stand, but somewhat older and larger diameters. 2022 BAs: 130, 140, 90, 130; mean 122.
113	Quaking Aspen 4110 - Sugar M Canopy Species Black Cherry	3 laple Associ	Size Class Log/XLog	10 wtimb DBH	er Wel	Sub-Canopy Species Sugar Maple		Avg. Height >20 feet	Pole	Similar to surrounding hardwood stand, but somewhat older and larger diameters. 2022 BAs: 130, 140, 90, 130; mean 122.
113	Quaking Aspen 4110 - Sugar M Canopy Species	3 laple Associ	ciation Sa	10 wtimb	er Wel	Sub-Canopy Species	Density	Avg. Height		Similar to surrounding hardwood stand, but somewhat older and larger diameters. 2022 BAs: 130, 140, 90, 130; mean 122.
113	Quaking Aspen 4110 - Sugar M Canopy Species Black Cherry	3 laple Associ	Size Class Log/XLog	10 wtimb DBH	er Wel	Sub-Canopy Species Sugar Maple	Density Low	Avg. Height >20 feet	Pole	Similar to surrounding hardwood stand, but somewhat older and larger diameters. 2022 BAs: 130, 140, 90, 130; mean 122.



Stand	Level 4 Co	Level 4 Cover Type			nsity	Acres	Acres Stand Age BA Range		Managed Site		General Comments
114	4191 - Mixed Upland Deciduous with Polet Conifer		timbe	r Mediui	ım 16.4 60		51-80	N/A		Blocks of planted white pine mixed with hardwoods. Low quality cherry. Thinned in 2017. Good distribution of aspen regeneration pockets and	
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	anopy Species	Density	Avg. Height	Size	advanced maple saplings.
	White Pine	40	Pole/Log	9	60	W	hite Pine	Trace	< 5 feet	Seeding	
	Sugar Maple	33	Pole/Sap/Log	7		Ir	onwood	High	Variable	Seeding	
	Black Cherry	15	Log/Pole/XLog	14		Bigto	ooth Aspen	Medium	10 - 20 feet	Sapling	
	American Elm	1	Pole	8			Beech	Medium	Variable	Sapling	
	Red Maple	8	Log/Pole	12		Su	gar Maple	Medium	Variable	Sapling	
	Bigtooth Aspen	2	Log/Pole	10	70	Blackbe	erry/Raspberry	Medium	< 5 feet	Tall Shrub	
	Ironwood	1	Pole	6							
115	4110 - Sugar M	laple Asso	ciation Sa	wtimb	er Well	187.9	88	111-140	N/A		2012: 22 BAs taken, mean = 140. Scattered yellow birch, elm. Beech
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Ca	anopy Species	Density	Avg. Height	Size	and bigtooth aspen have a patchy distribution. 2022 BAs: 110, 110, 100, 180, 130, 150, 150, 110, 130, 120; mean 129. Fair amount of blowdown
	Black Cherry	2	Log	16		Ir	onwood	Medium	< 5 feet	Seeding	(mostly ash).
	Bigtooth Aspen	5	Log/Pole/XLog	14			Beech	Medium	Variable	Sapling	
	Beech	3	XLog/Log/Pole	18		Sug	gar Maple	Medium	>20 feet	Sapling	
										0 1'	
	Basswood	20	Log/Pole/XLog	14		Ir	onwood	Medium	Variable	Sapling	
	Basswood Red Maple	20	Log/Pole/XLog Log	14		Ir	onwood	Medium	Variable	Sapling	
					88	lr	onwood	Medium	Variable	Sapling	
116	Red Maple Sugar Maple 4112 - Maple, Beec	2 68 ch, Cherry	Log Log/Pole/XLog Association Pol	15 12 etimb	er Poor	17.2	88	51-80	N/A		Scattered large, old sugar maple and white pine. Shelterwood cut in 2017. 2022 BA about 70.
116	Red Maple Sugar Maple 4112 - Maple, Beec Canopy Species	2 68 ch, Cherry A	Log Log/Pole/XLog Association Pol Size Class	15 12 etimb		17.2 Sub-Ca	88 anopy Species	51-80 Density	N/A Avg. Height	Size	
	Red Maple Sugar Maple 4112 - Maple, Beec Canopy Species Black Cherry	2 68 sh, Cherry A Cover	Log Log/Pole/XLog Association Pol Size Class Log	15 12 etimb DBH	er Poor	17.2 Sub-C a	88 anopy Species ronwood	51-80 Density High	N/A Avg. Height < 5 feet	Size Seeding	
	Red Maple Sugar Maple 4112 - Maple, Beec Canopy Species Black Cherry Bigtooth Aspen	2 68 ch, Cherry A Cover 15 1	Log Log/Pole/XLog Association Pole Size Class Log Log/Pole	15 12 etimb DBH 14 12	er Poor Age 70	17.2 Sub-Ca	88 anopy Species conwood	51-80 Density High Low	N/A Avg. Height < 5 feet Variable	Size Seeding Sapling	
	Red Maple Sugar Maple 4112 - Maple, Beec Canopy Species Black Cherry Bigtooth Aspen Sugar Maple	2 68 ch, Cherry A 15 1 50	Log Log/Pole/XLog Association Pole Size Class Log Log/Pole Pole/Log/Sap	15 12 etimb DBH 14 12 7	er Poor	17.2 Sub-Ca Ir	88 anopy Species ronwood ronwood Beech	51-80 Density High Low Medium	N/A Avg. Height < 5 feet Variable Variable	Size Seeding Sapling Sapling	
	Red Maple Sugar Maple 4112 - Maple, Beec Canopy Species Black Cherry Bigtooth Aspen Sugar Maple Beech	2 68 ch, Cherry A Cover 15 1 50 1	Log Log/Pole/XLog Association Pole Size Class Log Log/Pole Pole/Log/Sap Log	15 12 etimb DBH 14 12 7 16	er Poor Age 70	17.2 Sub-Ca Ir	88 anopy Species conwood	51-80 Density High Low	N/A Avg. Height < 5 feet Variable	Size Seeding Sapling	
	Red Maple Sugar Maple 4112 - Maple, Beec Canopy Species Black Cherry Bigtooth Aspen Sugar Maple Beech Red Maple	2 68 8h, Cherry A 6 Cover 15 1 50 1 20	Log Log/Pole/XLog Association Pole Size Class Log Log/Pole Pole/Log/Sap Log Pole	15 12 etimb DBH 14 12 7 16 8	er Poor Age 70	17.2 Sub-Ca Ir	88 anopy Species ronwood ronwood Beech	51-80 Density High Low Medium	N/A Avg. Height < 5 feet Variable Variable	Size Seeding Sapling Sapling	
	Red Maple Sugar Maple 4112 - Maple, Beec Canopy Species Black Cherry Bigtooth Aspen Sugar Maple Beech	2 68 ch, Cherry A Cover 15 1 50 1	Log Log/Pole/XLog Association Pole Size Class Log Log/Pole Pole/Log/Sap Log	15 12 etimb DBH 14 12 7 16	er Poor Age 70	17.2 Sub-Ca Ir	88 anopy Species ronwood ronwood Beech	51-80 Density High Low Medium	N/A Avg. Height < 5 feet Variable Variable	Size Seeding Sapling Sapling	
	Red Maple Sugar Maple 4112 - Maple, Beec Canopy Species Black Cherry Bigtooth Aspen Sugar Maple Beech Red Maple White Pine	2 68 8h, Cherry A 6 Cover 15 1 50 1 20	Log Log/Pole/XLog Association Pole Size Class Log Log/Pole Pole/Log/Sap Log Pole Log/Pole/XLog	15 12 etimb DBH 14 12 7 16 8 12	er Poor Age 70 88	17.2 Sub-Ca Ir	88 anopy Species ronwood ronwood Beech	51-80 Density High Low Medium	N/A Avg. Height < 5 feet Variable Variable	Size Seeding Sapling Sapling	
	Red Maple Sugar Maple 4112 - Maple, Beec Canopy Species Black Cherry Bigtooth Aspen Sugar Maple Beech Red Maple White Pine	2 68 8h, Cherry A Cover 15 1 50 1 20 13 - Aspen	Log Log/Pole/XLog Association Pole Size Class Log Log/Pole Pole/Log/Sap Log Pole Log/Pole/XLog	15 12 etimb DBH 14 12 7 16 8 12	er Poor Age 70 88 er Well	17.2 Sub-Ca Ir Ir Sug	88 anopy Species conwood conwood Beech gar Maple	51-80 Density High Low Medium Medium Density	N/A Avg. Height < 5 feet Variable Variable Variable	Size Seeding Sapling Sapling Sapling	2017. 2022 BA about 70.
117	Red Maple Sugar Maple 4112 - Maple, Beec Canopy Species Black Cherry Bigtooth Aspen Sugar Maple Beech Red Maple White Pine 4130 Canopy Species Quaking Aspen	2 68 ch, Cherry A Cover 15 1 50 1 20 13 - Aspen Cover 10	Log Log/Pole/XLog Association Pole Size Class Log Log/Pole Pole/Log/Sap Log Pole Log/Pole/XLog Pole Size Class Pole	15 12 etimbb DBH 14 12 7 16 8 12 letimb DBH	er Poor 70 88 er Well Age 38	17.2 Sub-Ca Ir Suy 17.7 Sub-Ca	88 anopy Species ronwood ronwood Beech gar Maple 38 anopy Species ronwood	51-80 Density High Low Medium Medium Density High	N/A Avg. Height < 5 feet Variable Variable Variable N/A Avg. Height Variable	Size Seeding Sapling Sapling Sapling	2017. 2022 BA about 70.
117	Red Maple Sugar Maple 4112 - Maple, Beecc Canopy Species Black Cherry Bigtooth Aspen Sugar Maple Beech Red Maple White Pine 4130 Canopy Species Quaking Aspen Bigtooth Aspen	2 68 ch, Cherry A Cover 15 1 50 1 20 13 - Aspen Cover 10 57	Log Log/Pole/XLog Association Pole Size Class Log Log/Pole Pole/Log/Sap Log Pole Log/Pole/XLog Pole Log/Pole/XLog Pole Pole/Log/Sap Log Pole Log/Pole/XLog	15 12 etimb DBH 14 12 7 16 8 12 letimb	er Poor Age 70 88 er Well	17.2 Sub-Ca Ir Suy 17.7 Sub-Ca	88 anopy Species conwood conwood Beech gar Maple 38 anopy Species	51-80 Density High Low Medium Medium Density	N/A Avg. Height < 5 feet Variable Variable Variable Variable N/A Avg. Height	Size Seeding Sapling Sapling Sapling	2017. 2022 BA about 70.
117	Red Maple Sugar Maple 4112 - Maple, Beec Canopy Species Black Cherry Bigtooth Aspen Sugar Maple Beech Red Maple White Pine 4130 Canopy Species Quaking Aspen	2 68 ch, Cherry A Cover 15 1 50 1 20 13 - Aspen Cover 10	Log Log/Pole/XLog Association Pole Size Class Log Log/Pole Pole/Log/Sap Log Pole Log/Pole/XLog Pole Size Class Pole	15 12 etimbb DBH 14 12 7 16 8 12 letimb DBH	er Poor 70 88 er Well Age 38	17.2 Sub-Ca Ir Suy 17.7 Sub-Ca	88 anopy Species ronwood ronwood Beech gar Maple 38 anopy Species ronwood	51-80 Density High Low Medium Medium Density High	N/A Avg. Height < 5 feet Variable Variable Variable N/A Avg. Height Variable	Size Seeding Sapling Sapling Sapling Sapling Sapling	2017. 2022 BA about 70.
117	Red Maple Sugar Maple 4112 - Maple, Beecc Canopy Species Black Cherry Bigtooth Aspen Sugar Maple Beech Red Maple White Pine 4130 Canopy Species Quaking Aspen Bigtooth Aspen	2 68 ch, Cherry A Cover 15 1 50 1 20 13 - Aspen Cover 10 57	Log Log/Pole/XLog Association Pole Size Class Log Log/Pole Pole/Log/Sap Log Pole Log/Pole/XLog Pole Log/Pole/XLog Pole Pole/Log/Sap Log Pole Log/Pole/XLog	15 12 etimb DBH 14 12 7 16 8 12 letimb	er Poor 70 88 er Well Age 38	17.2 Sub-Ca Ir Suy 17.7 Sub-Ca	88 anopy Species ronwood ronwood Beech gar Maple 38 anopy Species ronwood	51-80 Density High Low Medium Medium Density High	N/A Avg. Height < 5 feet Variable Variable Variable N/A Avg. Height Variable	Size Seeding Sapling Sapling Sapling Sapling Sapling	2017. 2022 BA about 70.
117	Red Maple Sugar Maple 4112 - Maple, Beec Canopy Species Black Cherry Bigtooth Aspen Sugar Maple Beech Red Maple White Pine 4130 Canopy Species Quaking Aspen Bigtooth Aspen Red Maple	2 68 ch, Cherry A Cover 15 1 50 1 20 13 - Aspen Cover 10 57 5	Log Log/Pole/XLog Association Pole Size Class Log Log/Pole Pole/Log/Sap Log Pole Log/Pole/XLog Po Size Class Pole Pole/Log/Pole/XLog Pole Pole/Log	etimb DBH 14 12 7 16 8 12 DBH 8 8 8	er Poor 70 88 er Well Age 38	17.2 Sub-Ca Ir Suy 17.7 Sub-Ca	88 anopy Species ronwood ronwood Beech gar Maple 38 anopy Species ronwood	51-80 Density High Low Medium Medium Density High	N/A Avg. Height < 5 feet Variable Variable Variable N/A Avg. Height Variable	Size Seeding Sapling Sapling Sapling Sapling Sapling	2017. 2022 BA about 70.
117	Red Maple Sugar Maple 4112 - Maple, Beec Canopy Species Black Cherry Bigtooth Aspen Sugar Maple Beech Red Maple White Pine 4130 Canopy Species Quaking Aspen Bigtooth Aspen Red Maple Black Cherry	2 68 ch, Cherry A Cover 15 1 50 1 20 13 - Aspen Cover 10 57 5 10	Log Log/Pole/XLog Association Pole Size Class Log Log/Pole Pole/Log/Sap Log Pole Log/Pole/XLog Po Size Class Pole Pole/Log Pole Pole/Log Pole/Log Pole Pole/Log	etimb DBH 14 12 7 16 8 12 etimb DBH 8 7	er Poor 70 88 er Well Age 38	17.2 Sub-Ca Ir Suy 17.7 Sub-Ca	88 anopy Species ronwood ronwood Beech gar Maple 38 anopy Species ronwood	51-80 Density High Low Medium Medium Density High	N/A Avg. Height < 5 feet Variable Variable Variable N/A Avg. Height Variable	Size Seeding Sapling Sapling Sapling Sapling Sapling	2017. 2022 BA about 70.

Compartment: 4
Year of Entry: 2024



Stand Level 4	Cover Type	Size Density	Acres	Stand Age BA Range	Managed Site	General Comments
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118 4111 - S.Maple, Hard Mast Association Sawtimber Well 124.7 114 81-110 N/A

Canopy Species	% Cove	er Size Class	DBH	Age
Red Oak	3	Log/Pole/XLog	14	
Bigtooth Aspen	5	Log	14	
Black Cherry	3	Log/Pole/XLog	14	
Ironwood	2	Pole	7	
Sugar Maple	67	Log/Pole	10	114
Basswood	3	Log/XLog	16	
Beech	14	Log/Pole/XLog	15	
Red Maple	3	Log/Pole	12	

Density	Avg. Height	Size
High	Variable	Sapling
Medium	Variable	Sapling
Low	Variable	Sapling
Low	>20 feet	Pole
Trace	10 - 20 feet	Sapling
	High Medium Low Low	High Variable Medium Variable Low Variable Low >20 feet

Stand has a few scattered regeneration patches. 2012 BA about 115. Small numbers of paper birch, hemlock, elm. Good number of snags and cavity trees. 2022 BAs: 160, 160, 110, 130, 70, 70, 80, 90; mean 109. Some beech mortality.

119 4112 - Maple, Beech, Cherry Association Sawtimber Medium 77.9 92 81-110 N/A

Canopy Species %	% Cove	er Size Class	DBH	Age	S
Beech	9	Log/Pole/XLog	16		
Basswood	12	Log/Pole/XLog	14		
Quaking Aspen	2	Log/Pole	12		
White Pine	3	Pole/Log	9		
Sugar Maple	60	Log/Pole	11	92	
Bigtooth Aspen	2	Log	15	73	В
Black Cherry	7	Log/Pole	13		
Red Maple	5	Log	14		

% Cover Size Class

Log

Log/Pole

Log/Pole/XLog

Log

5

75

5

15

ge	Sub-Canopy Species	Density	Avg. Height	Size
	Sugar Maple	Medium	Variable	Sapling
	Beech	High	Variable	Sapling
	Ironwood	Medium	Variable	Sapling
	Ironwood	Medium	< 5 feet	Seeding
2	Bigtooth Aspen	Trace	5 - 10 feet	Sapling
'3	Blackberry/Raspberry	Medium	< 5 feet	Tall Shrub
	Ironwood	Low	>20 feet	Pole

(2011 comments: Variable stocking, age, and species mix. Scattered patches of planted white pine; some ash, elm, and hemlock. 12 BAs taken, mean = 123.) Southeast part of the stand was select harvested in fall 2016, including some patch clearcuts around aspen clones. Northwest part of the stand was excluded from that sale. 2022 BAs: NW: 160, 70, 160, 100, 60, 160; mean 118; SE: 110, 60, 100, 120, 130, 60; mean 97. Understory heavy to ironwood, beech and raspberry in harvested area.

120 3301 - Low Density Deciduous Trees

Nonstocked

1.5

No

N/A

Sapling

Variable

Stand is in a frost-prone depression.

Sub-Canopy Species	Density	Avg. Height	Size
Honeysuckle (spp.)	Trace	< 5 feet	Tall Shrub
Common Or Ground Juniper	Low	< 5 feet	Tall Shrub
Black Cherry	Low	>20 feet	Log
Black Cherry	Medium	>20 feet	Pole
Blackberry/Raspberry	Low	< 5 feet	Tall Shrub
Deciduous Saplings	Low	Variable	Sapling
Bracken Fern	High		Non-Wood

Full

4110 - Sugar Maple Association Sawtimber Medium 25.2 113 81-110

16

DBH Age Sub-Canopy Species Density Avg. Height Size 14 Beech Low >20 feet Pole 12 113 Ironwood Low Variable Sapling 16 5 - 10 feet Ironwood High Seeding

Beech

(2012 notes: Stand was thinned in 2004. Good cherry regeneration in gaps.) 2022 BA about 90. Initial flush of chery is gone, overcome by beech and ironwood.

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Canopy Species

Black Cherry

Sugar Maple

Beech

Red Maple



Stand	Level 4 C	over Type	s	Size De	nsity	Acres	Stand Age B	A Range	Managed Site		General Comments
122	3301 - Low Dens	ity Deciduo	ous Trees	Nonsto	cked	3.4	I	mmature	No		
						Sub-Ca	nopy Species	Density	Avg. Height	Size	
					-	Blackbe	rry/Raspberry	Trace	< 5 feet	Tall Shrub	
					•	Spotte	d Knapweed	Medium		Non-Wood	
						Blad	ck Cherry	Low	Variable	Sapling	
					•	WI	nite Pine	Low	Variable	Sapling	
						Common O	r Ground Junip	er Low	< 5 feet	Tall Shrub	
					•	Sug	gar Maple	Trace	>20 feet	Pole	
					•	Mixe	d Grasses	Full		Non-Wood	
						Blad	ck Cherry	Medium	>20 feet	Pole	
123	42110 - Pla			oletimbe				141-170	N/A		Stand was 3rd-row thinned in 2005. 2012 mean BA 132. Some damage from 3/2/2012 snowstorm, mostly just top 10 feet or so of some trees
	Canopy Species		Size Class	DBH	Age		nopy Species	Density	Avg. Height	Size	snapped off. Dense sugar maple regen in scattered patches, otherwise
	Black Cherry	5	Log	12			Beech	High	Variable	Sapling	mostly beech understory. 2022 BAs: 170, 130, 190, 150, 150, 200, 170,
	Red Maple	2	Log/Pole	10			gar Maple	Low	5 - 10 feet	Sapling	220, 100; mean 164.
	Quaking Aspen	2	Log/Pole	11		WI	nite Pine	Trace	< 5 feet	Seeding	
	Bigtooth Aspen	2	Pole/Log	9							
	Red Pine	86	Pole/Log	9	60						
	Sugar Maple	3	Log	14							
124	4110 - Sugar N	/laple Asso	ciation Sawtimber Med			ım 8.7 107		141-170	N/A		All ash and most of the beech were cut in March 2013 from south 6 acres
	Canopy Species	% Cover	Size Class	lass DBH Age		Sub-Ca	nopy Species	Density	Avg. Height	Size	of stand. Some large, old beech were retained for habitat. 2022 BAs: 150, 100, 190; mean 147. Beech regeneration is dense in cut area.
	Red Oak	2	XLog	18			Beech	Full	Variable	Sapling	
	Black Cherry	3	Log	14		Sug	gar Maple	Low	Variable	Sapling	
	Beech	10	XLog	24		Iro	onwood	Medium	Variable	Sapling	
	Basswood	10	Log	14							
	Bigtooth Aspen	5	Log	14							
	Sugar Maple	70	Pole/Log	9	107						
125	4199 - Other Mixe	d Upland D	Deciduous Po	oletimbe	er Well	42.1	35	1-50	N/A		Stand includes several small openings. Small amounts of red oak,
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	basswood, white ash, white pine.
	Sugar Maple	15	Pole/Sapling	5		Sug	gar Maple	Low	Variable	Sapling	
	Bigtooth Aspen	5	Pole	7	35	Blac	ck Cherry	Low	Variable	Sapling	
	Black Cherry	40	Pole/Sapling	5	35	Iro	onwood	Full	Variable	Sapling	
	Ironwood	30	Sapling/Pole	4							
	Quaking Aspen	10	Pole	7	35						

7 - Stands Compartment: 4
Year of Entry: 2024

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Stand	Level 4 C	Level 4 Cover Type Size Density Acres Stand Age BA Range Managed Site		Site	General Comments							
126	42100 - Planted White Pine		ed White Pine Saw		Sawtimber Medium		61	111-140	N/A		Stand was thinned in 2009. Heavily damaged by 3/2/2012 snowstorm	
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	especially the southeast part, which was salvage thinned in 2013. Ironwood, beech, and heavily browsed ash seedlings; thick white pine	
	Red Pine	25	Pole/Log	9	61	Bla	ck Cherry	Trace	5 - 10 feet	Sapling	seedlings in some open gaps. 2011 SI trees: 10.0" 64', 9.0" 62'. 2022:	
	White Pine	te Pine 65 Log/Pole 10 61 White Pine High 5 - 10 feet Sapling		understory now dense white pine saplings in SE part of stand, hardwoods								
	Black Cherry	8	Log/Pole	12		W	hite Ash	Trace	5 - 10 feet	Sapling	in NW part. BAs: 130, 140, 100; mean 123.	
	Sugar Maple	2	XLog	24		Sug	gar Maple	Low	5 - 10 feet	Sapling		
						Ire	onwood	High	Variable	Sapling		
							Beech	Medium	Variable	Sapling		
127	4110 - Sugar N	/laple Asso	ciation S	Sawtimb	er Well	1.1	105	171-200	171-200 N/A		A few beech, hemlock, red maple.	
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size		
	Sugar Maple	94	Log/Pole	10	105		Beech	High	Variable	Sapling		
	Black Cherry	3	Log	14		Н	lemlock	Medium	10 - 20 feet	Sapling		
	Red Maple	3	Log	14		Ir	onwood	Low	Variable	Sapling		
128	4130	- Aspen	Sa	wtimber	Medium	n 8.4	62		N/A		Stand is succeeding to hardwoods. Numerous dead/down aspen.	
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size		
	Bigtooth Aspen	15	Log	14		Ire	onwood	Low	Variable	Sapling		
	White Pine	2	Pole	8			Beech	Low	Variable	Sapling		
	Basswood	1	Pole/Log	9		Sug	gar Maple	Full	Variable	Sapling		
	Black Cherry	5	Log	15							-	
	Sugar Maple	20	Pole/Log	8								
	Beech	2	Log/Pole	13								
	Quaking Aspen	55	Log/Pole	12	62							
129	4319 - Mixed	d Upland Fo	rest P	oletimb	er Well	45.1	64	81-110	N/A		Stand is a mosaic of patches of planted white pine, mixed hardwoods,	
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	and regenerated aspen. OI records show planting date of 1958 for pine in the north end of the stand, 1962 in the southeast. Larger patches of	
	White Pine	40	Log/Pole	10	64		Beech	High	Variable	Sapling	WP were thinned in Dec. 2018. 2022 BAs: 130, 50, 100, 80, 60, 140;	
	Black Cherry	18	Pole/Sap/Log	6		W	hite Pine	Low	Variable	Sapling	mean 93.	
	Sugar Maple	12	Pole/Log/Sap	8		Pi	n Cherry	Low	>20 feet	Sapling		
	Red Pine	1	Pole	8		Ire	onwood	Low	Variable	Sapling		
	Red Maple	2	Pole/Log	8		Suç	gar Maple	Low	Variable	Sapling		
	Quaking Aspen	17	Pole/Sapling	5	28	Bla	ck Cherry	Low	Variable	Sapling		
	Bigtooth Aspen	8	Pole/Sapling	5	28							
				_								

Pin Cherry

2

Sapling/Pole

4



	Level 4 C	over Type	Si	ize De	nsity	Acres Stand Age	BA Range	Managed S	Site	General Comments
130	42110 - Pla				Medium	n 26.9 61	81-110	N/A		Stand was thinned in 2009, then salvage cut in 2014 after March, 2012 storm damage. Includes a small wetland at the south end of the stand,
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Canopy Specie	es Density	Avg. Height	Size	south of Fowler Rd. Old foundations near road. 2011 SI trees: 10.9" 69'
	White Spruce	2	Pole/Log	8		Deciduous Saplings	Medium	< 5 feet	Seeding	10.5" 72', 9.7" 70'. Average BA from 13 plots after the 3/2/12 snowstorm
	Red Pine	92	Log/Pole	10	61	Beech	High	Variable	Sapling	 = 125, though many of these stems were broken. BA of unbroken ste = 90. About 1/3 of red pine was damaged. 2022 BAs: 160, 170, 120, 50, 180, 90; mean 115. Regeneration is thick wherever canopy opene up. mostly beech.
	White Pine	2	Log	16		Red Pine	Low	< 5 feet	Seeding	
	Black Cherry	2	Pole/Log	9		Ironwood	Low	Variable	Sapling	
<u> </u>	Red Oak	2	Log/Pole	12		White Pine	Low	Variable	Sapling	
131	4130	- Aspen	Saw	rtimbei	r Medium	n 17.6 66	81-110	N/A		Good advanced regeneration of sugar maple throughout most of the
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Canopy Specie	es Density	Avg. Height	Size	stand. Some mortality in aspen, especially quaking aspen. Scattered elm, hemlock, and white pine. There appears to be some variation in
	Sugar Maple	18	Pole/Log/Sap	8		Sugar Maple	Full	Variable	Sapling	aspen ages; Y.O.O. for bigtooth aspen was listed as 1935 in last
	Quaking Aspen	30	Log/Pole	13	66	Ironwood	Medium	Variable	Sapling	inventory.
	Bigtooth Aspen	30	Log	14						'
	Basswood	3	Pole/Log	8						
	Black Cherry	15	Log	14						
	Ironwood	4	Pole/Sapling	5						
132	42110 - Pla	nted Red P	rine Saw	rtimbei	Medium	n 5.9 61	81-110	N/A		Mixed pine plantation; Scotch pine was removed in a 2009 harvest.
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Canopy Specie	es Density	Avg. Height	Size	Some white and Scotch pine seedlings in open gaps. 2022 BAs: 110, 130, 170, 30; mean 110.
	Red Pine	80	Log	12	61	Black Cherry	Low	5 - 10 feet	Sapling	130, 170, 30, 1116411 110.
	White Pine	20	Log	14	61	Beech	Full	Variable	Sapling	
133	White Pine 4139 - Aspen,				61 er Well	-	Full 111-140	Variable N/A		Scattered white pine, elm, juneberry. 2022 BAs 80, 180, 160, 120, 40;
133		Mixed Dec		letimb		Beech	111-140			Scattered white pine, elm, juneberry. 2022 BAs 80, 180, 160, 120, 40; mean 116.
133	4139 - Aspen,	Mixed Dec	iduous Po	letimb	er Well	30.8 48	111-140	N/A	Sapling	
133	4139 - Aspen, Canopy Species	Mixed Dec	iduous Po	DBH	er Well	Beech 30.8 48 Sub-Canopy Specie	111-140 es Density	N/A Avg. Height	Sapling	• • • • • • • • • • • • • • • • • • • •
133	4139 - Aspen, Canopy Species Bigtooth Aspen	Mixed Dec	iduous Po Size Class Pole/Log	DBH 9	er Well	Beech 30.8 48 Sub-Canopy Specie Ironwood	111-140 es Density High	N/A Avg. Height Variable	Sapling Size Sapling	• • • • • • • • • • • • • • • • • • • •
133	4139 - Aspen, Canopy Species Bigtooth Aspen Black Cherry	Mixed Deci	iduous Po Size Class Pole/Log Log/Pole	DBH 9	er Well	Beech 30.8 48 Sub-Canopy Specie Ironwood Sugar Maple	111-140 es Density High Medium	N/A Avg. Height Variable Variable	Sapling Size Sapling Sapling	• • • • • • • • • • • • • • • • • • • •
133	4139 - Aspen, Canopy Species Bigtooth Aspen Black Cherry Quaking Aspen	Mixed Deci	iduous Po Size Class Pole/Log Log/Pole Pole/Log	DBH 9 12 9	er Well	Beech 30.8 48 Sub-Canopy Specie Ironwood Sugar Maple	111-140 es Density High Medium	N/A Avg. Height Variable Variable	Sapling Size Sapling Sapling	• • • • • • • • • • • • • • • • • • • •
133	4139 - Aspen, Canopy Species Bigtooth Aspen Black Cherry Quaking Aspen Ironwood	Mixed Deci	iduous Po Size Class Pole/Log Log/Pole Pole/Log Pole	9 12 9 6	er Well Age 48	Beech 30.8 48 Sub-Canopy Specie Ironwood Sugar Maple	111-140 es Density High Medium	N/A Avg. Height Variable Variable	Sapling Size Sapling Sapling	• • • • • • • • • • • • • • • • • • • •
133	4139 - Aspen, Canopy Species Bigtooth Aspen Black Cherry Quaking Aspen Ironwood Red Maple	Mixed Deci % Cover 32 3 8 4 35	iduous Po Size Class Pole/Log Log/Pole Pole/Log Pole Pole/Log	9 12 9 6 9	er Well Age 48	Beech 30.8 48 Sub-Canopy Specie Ironwood Sugar Maple	111-140 es Density High Medium	N/A Avg. Height Variable Variable	Sapling Size Sapling Sapling	• • • • • • • • • • • • • • • • • • • •
133	4139 - Aspen, Canopy Species Bigtooth Aspen Black Cherry Quaking Aspen Ironwood Red Maple Beech	Mixed Deci % Cover 32 3 8 4 35 1	iduous Po Size Class Pole/Log Log/Pole Pole/Log Pole Pole/Log Log/Pole Log/Pole	9 12 9 6 9 13	er Well Age 48	Beech 30.8 48 Sub-Canopy Specie Ironwood Sugar Maple	111-140 es Density High Medium	N/A Avg. Height Variable Variable	Sapling Size Sapling Sapling	• • • • • • • • • • • • • • • • • • • •
133	4139 - Aspen, Canopy Species Bigtooth Aspen Black Cherry Quaking Aspen Ironwood Red Maple Beech Basswood	Mixed Deci % Cover 32 3 8 4 35 1 2 15	iduous Po Size Class Pole/Log Log/Pole Pole/Log Pole Pole/Log Log/Pole Pole/Log Log/Pole Log/Pole	9 12 9 6 9 13 8 10	er Well Age 48	Beech 30.8 48 Sub-Canopy Specie Ironwood Sugar Maple	111-140 es Density High Medium	N/A Avg. Height Variable Variable	Sapling Size Sapling Sapling	
	4139 - Aspen, Canopy Species Bigtooth Aspen Black Cherry Quaking Aspen Ironwood Red Maple Beech Basswood Sugar Maple	Mixed Deci % Cover 32 3 8 4 35 1 2 15	iduous Po Size Class Pole/Log Log/Pole Pole/Log Pole/Log Log/Pole Pole/Log Log/Pole Pole Aspen Sa	9	er Well Age 48 58	Beech 30.8 48 Sub-Canopy Specie Ironwood Sugar Maple Beech	111-140 es Density High Medium Low	N/A Avg. Height Variable Variable Variable	Sapling Size Sapling Sapling	mean 116.
	4139 - Aspen, Canopy Species Bigtooth Aspen Black Cherry Quaking Aspen Ironwood Red Maple Beech Basswood Sugar Maple 4116 - Mixed N.	Mixed Deci % Cover 32 3 8 4 35 1 2 15 Hardwood	iduous Po Size Class Pole/Log Log/Pole Pole/Log Pole/Log Log/Pole Pole/Log Log/Pole Pole Aspen Sa	9	er Well Age 48 58 er Well	Beech 30.8 48 Sub-Canopy Specie Ironwood Sugar Maple Beech	111-140 es Density High Medium Low	N/A Avg. Height Variable Variable Variable	Sapling Size Sapling Sapling Sapling	mean 116.
	4139 - Aspen, Canopy Species Bigtooth Aspen Black Cherry Quaking Aspen Ironwood Red Maple Beech Basswood Sugar Maple 4116 - Mixed N. Canopy Species	Mixed Deci % Cover 32 3 8 4 35 1 2 15 Hardwood % Cover	iduous Po Size Class Pole/Log Log/Pole Pole/Log Pole Pole/Log Log/Pole Pole/Log Log/Pole Size Class	DBH 9 12 9 6 9 13 8 10 DBH	er Well 48 58 er Well I Age	Beech 30.8 48 Sub-Canopy Specie Ironwood Sugar Maple Beech 14.2 79 Sub-Canopy Specie	111-140 es Density High Medium Low 111-140 es Density	N/A Avg. Height Variable Variable Variable N/A Avg. Height	Sapling Size Sapling Sapling Sapling Sapling	mean 116.
	4139 - Aspen, Canopy Species Bigtooth Aspen Black Cherry Quaking Aspen Ironwood Red Maple Beech Basswood Sugar Maple 4116 - Mixed N. Canopy Species Red Maple	Mixed Deci % Cover 32 3 8 4 35 1 2 15 Hardwood % Cover 60	iduous Po Size Class Pole/Log Log/Pole Pole/Log Pole Pole/Log Log/Pole Pole Log/Pole Size Class Log/Pole	9	er Well 48 58 er Well I Age	Beech 30.8 48 Sub-Canopy Specie Ironwood Sugar Maple Beech 14.2 79 Sub-Canopy Specie Sugar Maple	111-140 es Density High Medium Low 111-140 es Density Low	N/A Avg. Height Variable Variable Variable N/A Avg. Height Variable	Sapling Size Sapling Sapling Sapling Sapling Sapling	mean 116.
	4139 - Aspen, Canopy Species Bigtooth Aspen Black Cherry Quaking Aspen Ironwood Red Maple Beech Basswood Sugar Maple 4116 - Mixed N. Canopy Species Red Maple Beech	Mixed Deci % Cover 32 3 8 4 35 1 2 15 Hardwood % Cover 60 3	iduous Po Size Class Pole/Log Log/Pole Pole/Log Pole Pole/Log Log/Pole Pole/Log Log/Pole Size Class Log/Pole Log/Pole	9	er Well 48 58 er Well I Age	Beech 30.8 48 Sub-Canopy Specie Ironwood Sugar Maple Beech 14.2 79 Sub-Canopy Specie Sugar Maple Beech	111-140 es Density High Medium Low 111-140 es Density Low Low	N/A Avg. Height Variable Variable Variable N/A Avg. Height Variable Variable	Sapling Size Sapling Sapling Sapling Sapling Sapling Size Sapling Sapling	mean 116.



Stand	d Level 4 Co	over Type	Si	ze De	nsity	Acres S	tand Age B	A Range	Managed S	Site	General Comments
135	4130	- Aspen	Pol	letimb	er Wel	l 16.3	28 II	nmature	N/A		There was substantial bending and breaking from 3/2/2012 snowstorm
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Cano	py Species	Density	Avg. Height	Size	
	Beech	1	Pole	7		Black	Cherry	Low	Variable	Sapling	
	Quaking Aspen	5	Pole	5		Iron	wood	Medium	Variable	Sapling	
	Black Cherry	16	Pole/Sapling	5	28	Sugar	Maple	Low	Variable	Sapling	
	Bigtooth Aspen	60	Pole/Sapling	6	28	Ве	ech	Medium	Variable	Sapling	
	Red Maple	3	Pole/Sapling	6							
	White Pine	10	Log/Pole/XLog	14							
	Sugar Maple	5	Pole/Sapling	6							
136	6225	5 - Bog	Ņ	Nonsto	cked	0.6			No		Small open wetland spans property line.
						Sub-Cano	py Species	Density	Avg. Height	Size	
							w spp.	Trace	5 - 10 feet	Tall Shrub	
							erleaf	High	< 5 feet	Tall Shrub	
						Sec	dges	Medium		Non-Wood	
137	3103 - R	ubus-Fern	N	Nonsto	cked	1.0			No		
						Sub-Cano	py Species	Density	Avg. Height	Size	
							/Raspberry	Low	< 5 feet	Tall Shrub	
						Bracke	en Fern	High		Non-Wood	
							en Fern e Pine	High Trace	Variable		
						White			Variable	Non-Wood Sapling Non-Wood	
138	4111 - S.Maple, Ha	ard Mast A	ssociation Sa	wtimb	er Wel	White Mixed (e Pine Grasses	Trace	N/A	Sapling	
138	Canopy Species	% Cover	Size Class	DBH	er Wel	White Mixed (e Pine Grasses 97 py Species	Trace High 81-110 Density	N/A Avg. Height	Sapling Non-Wood	
138	Canopy Species Bigtooth Aspen	% Cover	Size Class	DBH		White Mixed (e Pine Grasses 97 ppy Species ech	Trace High 81-110	N/A Avg. Height >20 feet	Sapling Non-Wood Size Pole	
138	Canopy Species Bigtooth Aspen Red Maple	% Cover 2 2	Size Class Log Log	16 15		White Mixed (97 py Species ech Maple	Trace High 81-110 Density	N/A Avg. Height >20 feet >20 feet	Sapling Non-Wood Size Pole Sapling	
138	Canopy Species Bigtooth Aspen Red Maple Black Cherry	% Cover 2 2 15	Size Class Log Log Log/Pole	16 15 13		White Mixed (e Pine Grasses 97 ppy Species ech	Trace High 81-110 Density Low Low Low	N/A Avg. Height >20 feet >20 feet Variable	Sapling Non-Wood Size Pole Sapling Sapling	
138	Canopy Species Bigtooth Aspen Red Maple	% Cover 2 2 15 15	Size Class Log Log	16 15 13 14		White Mixed (I 3.5) Sub-Cano Be Sugar White Iron	97 py Species ech Maple e Pine wood	Trace High 81-110 Density Low Low	N/A Avg. Height >20 feet >20 feet	Sapling Non-Wood Size Pole Sapling Sapling Sapling	
138	Canopy Species Bigtooth Aspen Red Maple Black Cherry Beech Quaking Aspen	% Cover 2 2 15 15 6	Size Class Log Log Log/Pole Log/Pole/XLog Log	16 15 13 14 14	Age	White Mixed (I 3.5) Sub-Cano Be Sugar White Iron	97 ppy Species ech Maple e Pine	Trace High 81-110 Density Low Low Low	N/A Avg. Height >20 feet >20 feet Variable	Sapling Non-Wood Size Pole Sapling Sapling	
138	Canopy Species Bigtooth Aspen Red Maple Black Cherry Beech	% Cover 2 2 15 15	Size Class Log Log Log/Pole Log/Pole/XLog	16 15 13 14		White Mixed (I 3.5) Sub-Cano Be Sugar White Iron	97 py Species ech Maple e Pine wood	Trace High 81-110 Density Low Low Low Low	N/A Avg. Height >20 feet >20 feet Variable Variable	Sapling Non-Wood Size Pole Sapling Sapling Sapling	
138	Canopy Species Bigtooth Aspen Red Maple Black Cherry Beech Quaking Aspen Sugar Maple	% Cover 2 2 15 15 6 60	Log Log Log/Pole Log/Pole/XLog Log Log/Pole/XLog Log Log/Pole	DBH 16 15 13 14 14 10 timber	97 Mediu	White Mixed (97 py Species ech Maple e Pine wood ech	Trace High 81-110 Density Low Low Low Low	N/A Avg. Height >20 feet >20 feet Variable Variable	Sapling Non-Wood Size Pole Sapling Sapling Sapling	Scattered white pine. 2022 BAs: 100, 120, 90; mean 103. Small numbers of canopy hemlock, red maple. Selection harvest in
	Canopy Species Bigtooth Aspen Red Maple Black Cherry Beech Quaking Aspen Sugar Maple 4110 - Sugar M Canopy Species	% Cover 2 2 15 15 6 60 Apple Asso	Log Log Log/Pole Log/Pole/XLog Log Log/Pole/XLog Log Log/Pole	DBH 16 15 13 14 14 10 timber	Age 97	White Mixed (I 3.5) Sub-Cano Be Sugar White Iron Be Mark Sub-Cano	e Pine Grasses 97 ppy Species ech Maple e Pine wood ech 95 ppy Species	Trace High 81-110 Density Low Low Low Low High	N/A Avg. Height >20 feet >20 feet Variable Variable Variable	Sapling Non-Wood Size Pole Sapling Sapling Sapling Sapling Sapling	Scattered white pine. 2022 BAs: 100, 120, 90; mean 103.
	Canopy Species Bigtooth Aspen Red Maple Black Cherry Beech Quaking Aspen Sugar Maple 4110 - Sugar M	% Cover 2 2 15 15 6 60 Apple Asso	Log Log/Pole Log/Pole/XLog Log Log/Pole Size Class	DBH 16 15 13 14 14 10 timber	97 Mediu	White Mixed (I 3.5) Sub-Cano Be Sugar White Iron Be Mark Sub-Cano	97 Py Species ech Maple Pine wood ech	Trace High 81-110 Density Low Low Low High 81-110	N/A Avg. Height >20 feet >20 feet Variable Variable Variable N/A	Sapling Non-Wood Size Pole Sapling Sapling Sapling Sapling Sapling	Scattered white pine. 2022 BAs: 100, 120, 90; mean 103. Small numbers of canopy hemlock, red maple. Selection harvest in spring 2016; NE finger of stand was excluded from the sale (steep, more
	Canopy Species Bigtooth Aspen Red Maple Black Cherry Beech Quaking Aspen Sugar Maple 4110 - Sugar M Canopy Species	% Cover 2 2 15 15 6 60 Maple Asso % Cover 5 86	Log Log/Pole Log/Pole/XLog Log Log/Pole Ciation Sawler Size Class	DBH 16 15 13 14 14 10 timber	97 Mediu	White Mixed (I 3.5) Sub-Cano Be Sugar White Iron Be m 14.5 Sub-Cano White	e Pine Grasses 97 ppy Species ech Maple e Pine wood ech 95 ppy Species	Trace High 81-110 Density Low Low Low High 81-110 Density	N/A Avg. Height >20 feet >20 feet Variable Variable Variable N/A Avg. Height	Sapling Non-Wood Size Pole Sapling Sapling Sapling Sapling Sapling	Scattered white pine. 2022 BAs: 100, 120, 90; mean 103. Small numbers of canopy hemlock, red maple. Selection harvest in spring 2016; NE finger of stand was excluded from the sale (steep, more
	Canopy Species Bigtooth Aspen Red Maple Black Cherry Beech Quaking Aspen Sugar Maple 4110 - Sugar M Canopy Species Black Cherry	% Cover	Log Log/Pole Log/Pole/XLog Log/Pole Log/Pole Ciation Sawl	DBH 16 15 13 14 14 10 timber DBH	97 Mediu	White Mixed (I 3.5) Sub-Cano Be Sugar White Iron Be m 14.5 Sub-Cano White Sugar	97 py Species ech Maple e Pine wood ech 95 ppy Species ech	Trace High 81-110 Density Low Low Low High 81-110 Density Trace	N/A Avg. Height >20 feet >20 feet Variable Variable Variable N/A Avg. Height < 5 feet	Sapling Non-Wood Size Pole Sapling Sapling Sapling Sapling Sapling Sapling	Scattered white pine. 2022 BAs: 100, 120, 90; mean 103. Small numbers of canopy hemlock, red maple. Selection harvest in spring 2016; NE finger of stand was excluded from the sale (steep, more
	Canopy Species Bigtooth Aspen Red Maple Black Cherry Beech Quaking Aspen Sugar Maple 4110 - Sugar M Canopy Species Black Cherry Sugar Maple	% Cover 2 2 15 15 6 60 Maple Asso % Cover 5 86	Log Log/Pole Log/Pole/XLog Log Log/Pole Ciation Saw Size Class Log Log/Pole	DBH 16 15 13 14 14 10 timber DBH 16 11	97 Mediu	White Mixed (In Super Sugar White Iron Be Sugar White Iron Be Sugar White Iron Be Sub-Cano White Sugar Hen	97 py Species ech Maple e Pine wood ech 95 py Species ech Maple Maple ech 95 py Species e Ash Maple	Trace High 81-110 Density Low Low Low High 81-110 Density Trace Low	N/A Avg. Height >20 feet >20 feet Variable Variable Variable N/A Avg. Height < 5 feet Variable	Sapling Non-Wood Size Pole Sapling Sapling Sapling Sapling Sapling Sapling Sapling Sapling	Scattered white pine. 2022 BAs: 100, 120, 90; mean 103. Small numbers of canopy hemlock, red maple. Selection harvest in spring 2016; NE finger of stand was excluded from the sale (steep, more
	Canopy Species Bigtooth Aspen Red Maple Black Cherry Beech Quaking Aspen Sugar Maple 4110 - Sugar M Canopy Species Black Cherry Sugar Maple Beech	% Cover 2 2 15 15 6 60 daple Asso % Cover 5 86 2	Log Log/Pole Log/Pole/XLog Log Log/Pole ciation Saw Size Class Log Log/Pole XLog/Log	DBH 16 15 13 14 14 10 timber DBH 16 11	97 Mediu	White Mixed (I 3.5) Sub-Cano Be Sugar White Iron Be m 14.5 Sub-Cano White Sugar Hen	97 Py Species ech Maple e Pine wood ech 95 Py Species e Ash Maple hlock	Trace High 81-110 Density Low Low Low High 81-110 Density Trace Low Low Low	N/A Avg. Height >20 feet >20 feet Variable Variable Variable N/A Avg. Height < 5 feet Variable 10 - 20 feet	Sapling Non-Wood Size Pole Sapling	Scattered white pine. 2022 BAs: 100, 120, 90; mean 103. Small numbers of canopy hemlock, red maple. Selection harvest in spring 2016; NE finger of stand was excluded from the sale (steep, more



Stand	Level 4 Co	over Type	S	ize De	nsity	Acres Stand Age	BA Range	Managed S	Site	General Comments
140	42101 - Planted Deci	White Pine duous	, Mixed Pole	etimber	· Medium	8.1 60	111-140	N/A		3rd-row thinned in January 2019, plus all merchantable aspen cut. 2022 BAs: 200, 90, 150, 90; mean 132.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	s Density	Avg. Height	Size	
	Sugar Maple	15	Pole	7		Beech	Medium	Variable	Sapling	
	Red Maple	6	Pole/Log	8						•
	White Pine	70	Pole/Log	9	60					
	Black Cherry	8	Log/Pole	13						
	Ironwood	1	Pole/Sapling	6						
141	4319 - Mixed	Upland Fo	rest Pole	etimber	Medium	11.1 66	81-110	N/A		Thinned 2017. 2022 BAs: 70, 170, 140, 90, 50; mean 104.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	
	Beech	4	XLog/Log	22		Sugar Maple	Low	Variable	Sapling	
	Red Maple	4	Pole	7		Beech	Medium	Variable	Sapling	
	Quaking Aspen	2	Log/Pole	10		Ironwood	Low	Variable	Sapling	
	Black Cherry	20	Log	15						-
	White Pine	50	Pole/Log	9	66					
	Sugar Maple	20	Pole/Sap/Log	7						
142	4133 - Aspe	n, Mixed P	ine Sa	awtimb	er Well	11.0 48		N/A		
	Canopy Species		Size Class		Age	Sub-Canopy Species	s Density	Avg. Height	Size	
	Red Maple	7	Log/Pole	10		Ironwood	Low	Variable	Sapling	
	Quaking Aspen	3	Log/Pole	10	48	Sugar Maple	Low	>20 feet	Pole	
	Black Cherry	8	Log/Pole	12		Beech	Low	Variable	Sapling	
	White Pine	20	Log/Pole	12		Sugar Maple	High	Variable	Sapling	
	Bigtooth Aspen	60	Log/Pole	11	48					
	Sugar Maple	2	Log	16						
143	500 -	Water	I	Nonsto	cked	1.2		No		
144	4140 - Other U	pland Deci	duous Po	oletimb	er Well	1.2 79	81-110	N/A		Isolated hardwood patch between red pine plantation and adjacent
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	private land. Steep hillside. Birch and Douglas-fir dying off.
	Ironwood	2	Pole	8		Ironwood	High	Variable	Sapling	
	Sugar Maple	10	Log	14		Red Maple	Medium	Variable	Sapling	
	Red Maple	15	Log/Pole/XLog	14						1
	·									
	Douglas Fir	2	Pole	7						
	Douglas Fir Paper Birch	68	Pole Pole/Log	8	79					

Compartment: 4 Year of Entry: 2024

Stand	d Level 4 C	over Type	Si	ize De	ensity	Acres	Stand Age	BA Range	Managed	Site	General Comments
145	42110 - Pla	inted Red F	Pine Pole	timbe	r Mediu	m 41.1	60	111-140	N/A	\	3rd-row thinned winter 2015-16, plus all merchantable aspen harvested.
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	anopy Specie	es Densit	y Avg. Height	Size	2022 BAs: 90, 160, 130, 140, 120, 170; mean 135. Some pine volunteers in open lanes.
	Sugar Maple	1	Pole	8		Pir	nes (spp.)	Trace	e Variable	Sapling	an open lanes.
	Black Cherry	5	Pole/Log	9			Beech	Mediu	m Variable	Sapling	
	Red Pine	92	Pole	8	60	Bla	ack Cherry	Trace	5 - 10 feet	Sapling	
	Red Maple	2	Pole	8							_
146	3303 - Mixed L	ow Density	Trees N	Nonst	ocked	1.0			No		
						Sub-Ca	anopy Specie	es Densit	y Avg. Height	Size	
						F	Red Pine	Mediu	m Variable	Sapling	
						Common C	Or Ground Ju	niper Low	< 5 feet	Tall Shrul	
						Bla	ack Cherry	Mediu	m >20 feet	Pole	
47	4111 - S.Maple, H	lard Mast A	ssociation Sa	wtimb	er Wel	36.9	114	81-110	N/A	١	Scattered hemlock, white pine, elm and basswood. Numerous old, hollow
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	anopy Specie	es Densit	y Avg. Height	Size	beech and old veteran maple. 2022 BAs: 140, 90, 100, 100, 110, 90; mean 105. Some BBD mortality.
	Ironwood	2	Pole	8			Beech	Full	Variable	Sapling	Thousand Some Source and the second s
	Black Cherry	5	Log/XLog/Pole	14		li .	ronwood	Mediu	m Variable	Sapling	
	Red Maple	10	Log/Pole	12		Su	gar Maple	Low	Variable	Sapling	
	Beech	15	XLog/Log/Pole	18				'	1		_
	Quaking Aspen	2	Log/Pole	11							
	Bigtooth Aspen	6	Log/Pole	11							
	Sugar Maple	60	Log/Pole/XLog	12	114						
48	4112 - Maple, Beed	ch, Cherry A	Association Saw	timbe	r Mediu	m 19.8	115	51-80	N/A	\	(2011 comment: Average BA from 6 plots = 122.) Selection harvest in
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	anopy Specie	es Densit	y Avg. Height	Size	fall 2016; BA reduced by almost half. Sale was a chip harvest.
	Sugar Maple	50	Log/Pole	12	115	Bla	ack Cherry	Low	Variable	Seeding	
	Beech	8	Log/Pole/XLog	15			Beech	Mediu	m Variable	Sapling	
	Red Maple	37	Log	14			Beech	Mediu	m < 5 feet	Seeding	
	White Pine	2	Log/Pole	12		lı	ronwood	Low	Variable	Sapling	
	Black Cherry	3	Log	16		W	hite Pine	Trace	e < 5 feet	Seeding	
49	3301 - Low Dens	ity Deciduo	us Trees N	Vonst	ocked	2.0		Immature	No		
						Sub-Ca	anopy Specie	es Densit	y Avg. Height	Size]
						Su	gar Maple	Low	>20 feet	Pole	
						Mixe	ed Grasses	Full		Non-Wood	<u> </u>
						Pir	nes (spp.)	Trace	e Variable	Sapling	
						В	asswood	Trace	>20 feet	Pole	
						Decidu	uous Saplings	Low	Variable	Sapling	
							cken Fern	Low		Non-Wood	3
							ack Cherry	Low	>20 feet	Pole	
											+

Common Or Ground Juniper Low

Tall Shrub

< 5 feet



150				ze De	nsity	Acres Stand Age B	A Range	Managed S	Site	General Comments
	4111 - S.Maple, Ha	ard Mast A	ssociation Sa	wtimb	er Well	5.3 103	111-140	N/A		Aspen is concentrated along the north edge of the stand. 2022 BAs: 150 90, 110, 100; mean 112. Some mortality in aspen and beech.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	90, 110, 100, mean 112. Some mortality in aspen and beech.
	Sugar Maple	60	Log/Pole	10	103	Beech	Low	>20 feet	Pole	
	Beech	25	Log/Pole/XLog	17		Beech	Full	Variable	Sapling	
	Bigtooth Aspen	5	Log/Pole	11		Sugar Maple	Trace	>20 feet	Sapling	
	Black Cherry	5	Log	16		Ironwood	Low	Variable	Sapling	
	Red Maple	5	Log	16						
151	4130	- Aspen	Ро	letimb	er Well	18.8 51		N/A		There is a concentration of hardwoods in the SE part of the stand.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	
	Bigtooth Aspen	85	Pole/Log	9	51	Beech	Medium	Variable	Sapling	
	Red Maple	8	Log/Pole	12		Red Maple	High	Variable	Sapling	
	Beech	2	Log	16		Ironwood	Low	Variable	Sapling	
	Sugar Maple	5	Log/Pole	12		Sugar Maple	Low	Variable	Sapling	
152	4112 - Maple, Beec	h, Cherry A	Association Sa	wtimb	er Poor	3.6 107	1-50	N/A		Shelterwood prep cut in fall 2016, retaining about 35-40 BA of mixed
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	hardwoods for seed & shade. 2022: regen is almost totally beech.
	Red Maple	40	Log/Pole	12	107	Blackberry/Raspberry	High	< 5 feet	Tall Shrub	
	Beech	20	XLog/Log	18		Black Cherry	Trace	5 - 10 feet	Sapling	
	Black Cherry	20	Log/Pole	13		Beech	High	< 5 feet	Seeding	
	Sugar Maple	20	Log/Pole	10			-			
153	4199 - Other Mixe	d Upland D	eciduous Pole	timbe	Medium	n 9.9 18	1-50	N/A		Clearcut with residuals in 2004: numerous residual white pines
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	(especially at the south end of the stand) and hardwoods. 2-storied. Patchy distribution of aspen saplings and advanced sugar maple
	Beech	5	Pole/Sap/Log	6		Beech	Medium	Variable	Sapling	regeneration. Good diversity.
	White Pine	10	Log/Pole/XLog	12		White Pine	Low	Variable	Sapling	
	Red Maple	5	Log/Pole	10		Black Cherry	Low	5 - 10 feet	Sapling	
	Black Cherry	10	Sapling	2	18				-	
	Black Cherry	5	Log/XLog	15						
	Sugar Maple	30	Pole/Sap/Log	6						
	Bigtooth Aspen	35	Sapling	3	18					
	4130	- Aspen	S	Sapling	g Well	13.5 18 Ir	nmature	N/A		Clearcut in 2004, sugar maple and white pine were left as residuals, plu
154							Danaitu	Avg. Height	Size	some aspen poles on the periphery, resulting in a 2-storied stand.
154	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. neight	Size	
154	Canopy Species Red Maple	% Cover	Size Class Pole	DB F	Age	Sub-Canopy Species Beech	Low	5 - 10 feet	Sapling	
154				_	75					
154	Red Maple	3	Pole	7		Beech	Low	5 - 10 feet	Sapling	



Stand	Level 4 C	over Type	S	ize De	ensity	Acres	Stand Age B	A Range	Managed \$	Site	General Comments
155	3303 - Mixed L	ow Density	Trees	Nonst	ocked	1.6			No		Stand is in a drepression. Lowest spot is a small pond; water level
						Sub-Ca	nopy Species	Density	Avg. Height	Size	fluctuates over the years. Upland area is filling in with white pine.
						Blac	k Cherry	Low	>20 feet	Pole	
						Bigto	oth Aspen	Low	>20 feet	Pole	
						Wh	ite Pine	Medium	Variable	Sapling	
						Mixes Se	dges/Grasses	High		Non-Wood	
						Brac	ken Fern	High		Non-Wood	
156	4319 - Mixed	d Upland Fo	orest Sav	vtimbe	r Medium	6.8	64	81-110	N/A		Hardwoods are mostly low quality, multi-stemmed. Gaps filling in with
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	white pine.
	Red Maple	10	Log/XLog	17		Wh	ite Pine	Medium	Variable	Sapling	
	White Pine	50	Log/Pole	12	64	Е	Beech	Low	Variable	Sapling	
	Sugar Maple	10	Pole/Log/Sap	9		Sug	ar Maple	Low	Variable	Sapling	
	Black Cherry	30	XLog/Log	18						<u>'</u>	
157	4117 - Mixed N.	. Haluwood									
	Canopy Species	% Cover	Size Class		Medium		115 nopy Species	111-140 Density	Avg. Height	Size	Numerous multi-stemmed maples.
	Canopy Species Red Maple	% Cover				Sub-Ca				Size Sapling	Numerous multi-stemmed maples.
			Size Class	DBH		Sub-Car	nopy Species	Density	Avg. Height		Numerous muiti-stemmed mapies.
	Red Maple	25	Size Class	DB I		Sub-Car Wh	nopy Species nite Pine	Density Low	Avg. Height Variable	Sapling	Numerous multi-stemmed maples.
	Red Maple Bigtooth Aspen	25	Size Class Log Log	DBH 14 12		Sub-Car Wh	nopy Species nite Pine Beech	Density Low Low	Avg. Height Variable Variable	Sapling Sapling	Numerous multi-stemmed maples.
	Red Maple Bigtooth Aspen White Pine	25 3 20	Size Class Log Log Log/Pole	14 12 10		Sub-Car Wh	nopy Species nite Pine Beech	Density Low Low	Avg. Height Variable Variable	Sapling Sapling	Numerous multi-stemmed maples.
	Red Maple Bigtooth Aspen White Pine Black Cherry	25 3 20 5	Size Class Log Log Log/Pole Log	14 12 10 14 8		Sub-Car Wh	nopy Species nite Pine Beech	Density Low Low	Avg. Height Variable Variable	Sapling Sapling	Numerous multi-stemmed maples.
	Red Maple Bigtooth Aspen White Pine Black Cherry Ironwood	25 3 20 5 2 45	Log Log/Pole Log Pole Log/XLog	14 12 10 14 8	1 Age	Sub-Car Wh	nopy Species hite Pine Beech ar Maple	Density Low Low	Avg. Height Variable Variable	Sapling Sapling	This stand was part of larger RP plantation, thinned in 2009, heavily
158	Red Maple Bigtooth Aspen White Pine Black Cherry Ironwood Sugar Maple	25 3 20 5 2 45 ech, Hemlo	Log Log Log/Pole Log Pole Log/XLog ck Size Class	DBH	1 Age	Sub-Car Wh E Sug	nopy Species hite Pine Beech ar Maple	Density Low Low Low	Avg. Height Variable Variable Variable	Sapling Sapling	
158	Red Maple Bigtooth Aspen White Pine Black Cherry Ironwood Sugar Maple	25 3 20 5 2 45 ech, Hemlo	Log Log Log/Pole Log Pole Log/XLog	DBH	1 Age	Sub-Cai Wh E Sug	nopy Species hite Pine Beech ar Maple	Density Low Low Low	Avg. Height Variable Variable Variable	Sapling Sapling	This stand was part of larger RP plantation, thinned in 2009, heavily damaged by a 3/2/12 snowstorm, then clearcut in March 2013. Some
158	Red Maple Bigtooth Aspen White Pine Black Cherry Ironwood Sugar Maple 4114 - Bee	25 3 20 5 2 45 ech, Hemlo	Log Log Log/Pole Log Pole Log/XLog ck Size Class	DBH 14 12 10 14 8 16 Sapline	1 Age	Sub-Cai Wh E Sug	nopy Species hite Pine Beech ar Maple	Density Low Low Low	Avg. Height Variable Variable Variable	Sapling Sapling	This stand was part of larger RP plantation, thinned in 2009, heavily damaged by a 3/2/12 snowstorm, then clearcut in March 2013. Some scattered remnant mature trees. Regeneration is mostly beech, but
158	Red Maple Bigtooth Aspen White Pine Black Cherry Ironwood Sugar Maple 4114 - Bee Canopy Species White Pine Red Pine White Ash	25 3 20 5 2 45 ech, Hemlo **Cover	Log Log/Pole Log Pole Log/XLog ck Size Class Sapling	DBH 14 12 10 14 8 16 Sapling DBH 1	1 Age	Sub-Cai Wh E Sug	nopy Species hite Pine Beech ar Maple	Density Low Low Low	Avg. Height Variable Variable Variable	Sapling Sapling	This stand was part of larger RP plantation, thinned in 2009, heavily damaged by a 3/2/12 snowstorm, then clearcut in March 2013. Some scattered remnant mature trees. Regeneration is mostly beech, but
158	Red Maple Bigtooth Aspen White Pine Black Cherry Ironwood Sugar Maple 4114 - Bee Canopy Species White Pine Red Pine	25 3 20 5 2 45 ech, Hemlo % Cover 4 8	Log Log Log/Pole Log Pole Log/XLog ck Size Class Sapling Sapling	DBH 14 12 10 14 8 16 Sapling DBH 1 1	1 Age	Sub-Cai Wh E Sug	nopy Species hite Pine Beech ar Maple	Density Low Low Low	Avg. Height Variable Variable Variable	Sapling Sapling	This stand was part of larger RP plantation, thinned in 2009, heavily damaged by a 3/2/12 snowstorm, then clearcut in March 2013. Some scattered remnant mature trees. Regeneration is mostly beech, but
158	Red Maple Bigtooth Aspen White Pine Black Cherry Ironwood Sugar Maple 4114 - Bee Canopy Species White Pine Red Pine White Ash	25 3 20 5 2 45 ech, Hemlo **Cover 4 8 10	Log Log Log/Pole Log Pole Log/XLog ck Size Class Sapling Sapling Sapling	DBH 14 12 10 14 8 16 Sapling DBH 1 1 1	1 Age	Sub-Cai Wh E Sug	nopy Species hite Pine Beech ar Maple	Density Low Low Low	Avg. Height Variable Variable Variable	Sapling Sapling	This stand was part of larger RP plantation, thinned in 2009, heavily damaged by a 3/2/12 snowstorm, then clearcut in March 2013. Some scattered remnant mature trees. Regeneration is mostly beech, but
158	Red Maple Bigtooth Aspen White Pine Black Cherry Ironwood Sugar Maple 4114 - Bee Canopy Species White Pine Red Pine White Ash Sugar Maple	25 3 20 5 2 45 ech, Hemlo **Cover 4 8 10 3	Log Log Log/Pole Log Pole Log/XLog ck Size Class Sapling Sapling Sapling Sapling	DBH 14 12 10 14 8 16 Sapling DBH 1 1 1 1 1 1 1 1 1	1 Age	Sub-Cai Wh E Sug	nopy Species hite Pine Beech ar Maple	Density Low Low Low	Avg. Height Variable Variable Variable	Sapling Sapling	This stand was part of larger RP plantation, thinned in 2009, heavily damaged by a 3/2/12 snowstorm, then clearcut in March 2013. Some scattered remnant mature trees. Regeneration is mostly beech, but
158	Red Maple Bigtooth Aspen White Pine Black Cherry Ironwood Sugar Maple 4114 - Bee Canopy Species White Pine Red Pine White Ash Sugar Maple Ironwood	25 3 20 5 2 45 ech, Hemlo % Cover 4 8 10 3 10	Log Log Log/Pole Log Pole Log/XLog ck Size Class Sapling Sapling Sapling Sapling Sapling Sapling	DBH 14 12 10 14 8 16 Sapling DBH 1 1 1 1 1 1	115 Well Age	Sub-Cai Wh E Sug	nopy Species hite Pine Beech ar Maple	Density Low Low Low	Avg. Height Variable Variable Variable	Sapling Sapling	This stand was part of larger RP plantation, thinned in 2009, heavily damaged by a 3/2/12 snowstorm, then clearcut in March 2013. Some scattered remnant mature trees. Regeneration is mostly beech, but



Stand	Level 4 Co									
159	4319 - Mixed				Medium	1.6 9	Immature	N/A		Heavily damaged parts of plantation from 3/2/2012 snowstorm; subsequently clearcut in March 2013. Lots of rotting, downed pine trees.
	Canopy Species		Size Class	_	l Age					2022: now well stocked with mixed pine/hardwoods. West patch mostly
	White Pine	33	Sapling	1	9					ironwood and other hardwoods, but thick white pine along east edge. East patch has a good stocking of white and red pine.
	Ironwood	20	Sapling	1						East pater has a good stocking of write and red pine.
	Red Pine	20	Sapling	1						
	Beech	20	Sapling	1						
	Sugar Maple	3	Sapling	1						
	Black Cherry	2	Sapling	1						
	White Ash	2	Sapling	1						
160	4116 - Mixed N.	Hardwood ·	- Aspen Po	letimb	er Poor	7.3 25	1-50	N/A		Failed area of an aspen regeneration cut; filled in with hand-planted white prince spring 2014.
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Canopy Specie	es Density	Avg. Height	Size	spruce spring 2014.
	Black Cherry	65	Pole/Sapling	5	25	Ironwood	Medium	Variable	Sapling	
	Ironwood	15	Sapling	2	25	White Spruce	Medium	< 5 feet	Seeding	
	Quaking Aspen	20	Pole/Sapling	5						_
					ocked	25.2 0 Sub-Canopy Specie Red Pine		Avg. Height	Size	Seed tree harvested summer 2015. Some scattered patches of beech saplings remain for diversity. Field checked for regen Oct. 2018: a few seed trees have fallen, but most remain standing. Low numbers of pine seedlings are coming in (maybe 100-200/acre), mostly RP with JP
100	42440 Blo	ntod Pod P	ing Sa	nu di ang k		Red Pine White Pine Bracken Fern Beech Red Pine Jack Pine	Low Trace Medium Medium Medium Low	Avg. Height < 5 feet Variable Unspecified 5 - 10 feet >20 feet 5 - 10 feet		saplings remain for diversity. Field checked for regen Oct. 2018: a few seed trees have fallen, but most remain standing. Low numbers of pine seedlings are coming in (maybe 100-200/acre), mostly RP with JP (especially south part of stand where JP were harvested), and occasiona WP; some pines are advanced regen retained when the preceding stand was harvested. Beech saplings scattered throughout, thicker in SW corner of stand. 2022: additional RP are slowly seeding in. Regen plots showed the following number of trees per acre: RP 332 (410/ac if south strip excluded), JP 172, WP 4, beech 568 (mostly clumpy; 321/acre if south strip excluded), cherry 52, RM 4; total 1132; total RP + JP = 508/acre. Additional RP expected to keep filling in from seed trees.
162					per Well	Red Pine White Pine Bracken Fern Beech Red Pine Jack Pine 4.6 65	Low Trace Medium Medium Low T71-200	Avg. Height < 5 feet Variable Unspecified 5 - 10 feet >20 feet 5 - 10 feet	Size Seeding Sapling Non-Wood Sapling Log Sapling	saplings remain for diversity. Field checked for regen Oct. 2018: a few seed trees have fallen, but most remain standing. Low numbers of pine seedlings are coming in (maybe 100-200/acre), mostly RP with JP (especially south part of stand where JP were harvested), and occasiona WP; some pines are advanced regen retained when the preceding stand was harvested. Beech saplings scattered throughout, thicker in SW corner of stand. 2022: additional RP are slowly seeding in. Regen plots showed the following number of trees per acre: RP 332 (410/ac if south strip excluded), JP 172, WP 4, beech 568 (mostly clumpy; 321/acre if south strip excluded), cherry 52, RM 4; total 1132; total RP + JP = 508/acre. Additional RP expected to keep filling in from seed trees.
162	Canopy Species	% Cover	Size Class	DBH	per Well	Red Pine White Pine Bracken Fern Beech Red Pine Jack Pine 4.6 65 Sub-Canopy Species	Density Low Trace Medium Medium Medium Low 171-200 Density	Avg. Height < 5 feet Variable Unspecified 5 - 10 feet >20 feet 5 - 10 feet N/A Avg. Height	Size Seeding Sapling Non-Wood Sapling Log Sapling	saplings remain for diversity. Field checked for regen Oct. 2018: a few seed trees have fallen, but most remain standing. Low numbers of pine seedlings are coming in (maybe 100-200/acre), mostly RP with JP (especially south part of stand where JP were harvested), and occasiona WP; some pines are advanced regen retained when the preceding stand was harvested. Beech saplings scattered throughout, thicker in SW corner of stand. 2022: additional RP are slowly seeding in. Regen plots showed the following number of trees per acre: RP 332 (410/ac if south strip excluded), JP 172, WP 4, beech 568 (mostly clumpy; 321/acre if south strip excluded), cherry 52, RM 4; total 1132; total RP + JP = 508/acre. Additional RP expected to keep filling in from seed trees.
162					per Well	Red Pine White Pine Bracken Fern Beech Red Pine Jack Pine 4.6 65 Sub-Canopy Species	Density Low Trace Medium Medium Low 171-200 Density Full	Avg. Height < 5 feet Variable Unspecified 5 - 10 feet >20 feet 5 - 10 feet N/A Avg. Height Variable	Size Seeding Sapling Non-Wood Sapling Log Sapling Sapling	saplings remain for diversity. Field checked for regen Oct. 2018: a few seed trees have fallen, but most remain standing. Low numbers of pine seedlings are coming in (maybe 100-200/acre), mostly RP with JP (especially south part of stand where JP were harvested), and occasiona WP; some pines are advanced regen retained when the preceding stand was harvested. Beech saplings scattered throughout, thicker in SW corner of stand. 2022: additional RP are slowly seeding in. Regen plots showed the following number of trees per acre: RP 332 (410/ac if south strip excluded), JP 172, WP 4, beech 568 (mostly clumpy; 321/acre if south strip excluded), cherry 52, RM 4; total 1132; total RP + JP = 508/acre. Additional RP expected to keep filling in from seed trees.
162	Canopy Species	% Cover	Size Class	DBH	per Well	Red Pine White Pine Bracken Fern Beech Red Pine Jack Pine 4.6 65 Sub-Canopy Specie Beech Sugar Maple	Low Trace Medium Medium Low 171-200 Density Full Trace	Avg. Height < 5 feet Variable Unspecified 5 - 10 feet >20 feet 5 - 10 feet N/A Avg. Height Variable Variable	Size Seeding Sapling Non-Wood Sapling Log Sapling Sapling Size Sapling	saplings remain for diversity. Field checked for regen Oct. 2018: a few seed trees have fallen, but most remain standing. Low numbers of pine seedlings are coming in (maybe 100-200/acre), mostly RP with JP (especially south part of stand where JP were harvested), and occasiona WP; some pines are advanced regen retained when the preceding stand was harvested. Beech saplings scattered throughout, thicker in SW corner of stand. 2022: additional RP are slowly seeding in. Regen plots showed the following number of trees per acre: RP 332 (410/ac if south strip excluded), JP 172, WP 4, beech 568 (mostly clumpy; 321/acre if south strip excluded), cherry 52, RM 4; total 1132; total RP + JP = 508/acre. Additional RP expected to keep filling in from seed trees.
162	Canopy Species	% Cover	Size Class	DBH	per Well	Red Pine White Pine Bracken Fern Beech Red Pine Jack Pine 4.6 65 Sub-Canopy Species	Density Low Trace Medium Medium Low 171-200 Density Full	Avg. Height < 5 feet Variable Unspecified 5 - 10 feet >20 feet 5 - 10 feet N/A Avg. Height Variable	Size Seeding Sapling Non-Wood Sapling Log Sapling Sapling	saplings remain for diversity. Field checked for regen Oct. 2018: a few seed trees have fallen, but most remain standing. Low numbers of pine seedlings are coming in (maybe 100-200/acre), mostly RP with JP (especially south part of stand where JP were harvested), and occasiona WP; some pines are advanced regen retained when the preceding stand was harvested. Beech saplings scattered throughout, thicker in SW corner of stand. 2022: additional RP are slowly seeding in. Regen plots showed the following number of trees per acre: RP 332 (410/ac if south strip excluded), JP 172, WP 4, beech 568 (mostly clumpy; 321/acre if south strip excluded), cherry 52, RM 4; total 1132; total RP + JP = 508/acre. Additional RP expected to keep filling in from seed trees.
	Canopy Species	% Cover	Size Class Log/Pole	DBI	per Well 1 Age 65	Red Pine White Pine Bracken Fern Beech Red Pine Jack Pine 4.6 65 Sub-Canopy Specie Beech Sugar Maple White Pine	Low Trace Medium Medium Low 171-200 Density Full Trace	Avg. Height < 5 feet Variable Unspecified 5 - 10 feet >20 feet 5 - 10 feet N/A Avg. Height Variable Variable	Size Seeding Sapling Non-Wood Sapling Log Sapling Sapling Size Sapling	saplings remain for diversity. Field checked for regen Oct. 2018: a few seed trees have fallen, but most remain standing. Low numbers of pine seedlings are coming in (maybe 100-200/acre), mostly RP with JP (especially south part of stand where JP were harvested), and occasiona WP; some pines are advanced regen retained when the preceding stand was harvested. Beech saplings scattered throughout, thicker in SW corner of stand. 2022: additional RP are slowly seeding in. Regen plots showed the following number of trees per acre: RP 332 (410/ac if south strip excluded), JP 172, WP 4, beech 568 (mostly clumpy; 321/acre if south strip excluded), cherry 52, RM 4; total 1132; total RP + JP = 508/acre. Additional RP expected to keep filling in from seed trees. Stand was 3rd-row thinned in 2007. 2022 BAs: 150, 200, 180; mean 177
	Canopy Species Red Pine	% Cover	Size Class Log/Pole	DBH 10	per Well 1 Age 65	Red Pine White Pine Bracken Fern Beech Red Pine Jack Pine 4.6 65 Sub-Canopy Specie Beech Sugar Maple White Pine	Low Trace Medium Medium Low 171-200 So Density Full Trace Trace 81-110	Avg. Height < 5 feet Variable Unspecified 5 - 10 feet >20 feet 5 - 10 feet N/A Avg. Height Variable Variable < 5 feet	Size Seeding Sapling Non-Wood Sapling Log Sapling Sapling Size Sapling	saplings remain for diversity. Field checked for regen Oct. 2018: a few seed trees have fallen, but most remain standing. Low numbers of pine seedlings are coming in (maybe 100-200/acre), mostly RP with JP (especially south part of stand where JP were harvested), and occasiona WP; some pines are advanced regen retained when the preceding stand was harvested. Beech saplings scattered throughout, thicker in SW corner of stand. 2022: additional RP are slowly seeding in. Regen plots showed the following number of trees per acre: RP 332 (410/ac if south strip excluded), JP 172, WP 4, beech 568 (mostly clumpy; 321/acre if south strip excluded), cherry 52, RM 4; total 1132; total RP + JP = 508/acre. Additional RP expected to keep filling in from seed trees. Stand was 3rd-row thinned in 2007. 2022 BAs: 150, 200, 180; mean 177
	Canopy Species Red Pine 4112 - Maple, Beec	% Cover	Size Class Log/Pole	DBH 10	per Well 1 Age 65	Red Pine White Pine Bracken Fern Beech Red Pine Jack Pine 4.6 65 Sub-Canopy Specie Beech Sugar Maple White Pine	Low Trace Medium Medium Low 171-200 So Density Full Trace Trace 81-110	Avg. Height < 5 feet Variable Unspecified 5 - 10 feet >20 feet 5 - 10 feet N/A Avg. Height Variable Variable < 5 feet N/A	Size Seeding Sapling Non-Wood Sapling Log Sapling Sapling Size Sapling Sapling Sapling	saplings remain for diversity. Field checked for regen Oct. 2018: a few seed trees have fallen, but most remain standing. Low numbers of pine seedlings are coming in (maybe 100-200/acre), mostly RP with JP (especially south part of stand where JP were harvested), and occasional WP; some pines are advanced regen retained when the preceding stand was harvested. Beech saplings scattered throughout, thicker in SW corner of stand. 2022: additional RP are slowly seeding in. Regen plots showed the following number of trees per acre: RP 332 (410/ac if south strip excluded), JP 172, WP 4, beech 568 (mostly clumpy; 321/acre if south strip excluded), cherry 52, RM 4; total 1132; total RP + JP = 508/acre. Additional RP expected to keep filling in from seed trees. Stand was 3rd-row thinned in 2007. 2022 BAs: 150, 200, 180; mean 177
	Canopy Species Red Pine 4112 - Maple, Beec Canopy Species	% Cover	Size Class Log/Pole Association Saw Size Class	DBH 10	per Well 1 Age 65	Red Pine White Pine Bracken Fern Beech Red Pine Jack Pine 4.6 65 Sub-Canopy Specie Beech Sugar Maple White Pine m 35.1 98 Sub-Canopy Specie	Density Low Trace Medium Medium Low 171-200 Des Density Full Trace Trace 81-110 Density Density Tess Bensity Trace Bes Density	Avg. Height < 5 feet Variable Unspecified 5 - 10 feet > 20 feet 5 - 10 feet Variable Variable Variable < 5 feet N/A Avg. Height Avg. Height	Size Seeding Sapling Non-Wood Sapling Log Sapling Size Sapling Sapling Sapling Sapling	saplings remain for diversity. Field checked for regen Oct. 2018: a few seed trees have fallen, but most remain standing. Low numbers of pine seedlings are coming in (maybe 100-200/acre), mostly RP with JP (especially south part of stand where JP were harvested), and occasional WP; some pines are advanced regen retained when the preceding stand was harvested. Beech saplings scattered throughout, thicker in SW corner of stand. 2022: additional RP are slowly seeding in. Regen plots showed the following number of trees per acre: RP 332 (410/ac if south strip excluded), JP 172, WP 4, beech 568 (mostly clumpy; 321/acre if south strip excluded), cherry 52, RM 4; total 1132; total RP + JP = 508/acre. Additional RP expected to keep filling in from seed trees. Stand was 3rd-row thinned in 2007. 2022 BAs: 150, 200, 180; mean 177
	Canopy Species Red Pine 4112 - Maple, Beecc Canopy Species Red Maple	% Cover 100 ch, Cherry A % Cover 33	Size Class Log/Pole Association Saw Size Class Log/Pole	DBH 10 vtimbe DBH	per Well 1 Age 65	Red Pine White Pine Bracken Fern Beech Red Pine Jack Pine 4.6 65 Sub-Canopy Specie Beech Sugar Maple White Pine m 35.1 98 Sub-Canopy Specie Ironwood	Density Low Trace Medium Medium Low 171-200 Density Full Trace Trace 81-110 Density Medium Medium Medium Low	Avg. Height < 5 feet Variable Unspecified 5 - 10 feet >20 feet 5 - 10 feet N/A Avg. Height Variable Variable < 5 feet N/A Avg. Height < 5 feet	Size Seeding Sapling Non-Wood Sapling Log Sapling Size Sapling Sapling Sapling Sapling Sapling Sapling	saplings remain for diversity. Field checked for regen Oct. 2018: a few seed trees have fallen, but most remain standing. Low numbers of pine seedlings are coming in (maybe 100-200/acre), mostly RP with JP (especially south part of stand where JP were harvested), and occasiona WP; some pines are advanced regen retained when the preceding stand was harvested. Beech saplings scattered throughout, thicker in SW corner of stand. 2022: additional RP are slowly seeding in. Regen plots showed the following number of trees per acre: RP 332 (410/ac if south strip excluded), JP 172, WP 4, beech 568 (mostly clumpy; 321/acre if south strip excluded), cherry 52, RM 4; total 1132; total RP + JP = 508/acre. Additional RP expected to keep filling in from seed trees. Stand was 3rd-row thinned in 2007. 2022 BAs: 150, 200, 180; mean 177
	Canopy Species Red Pine 4112 - Maple, Beecc Canopy Species Red Maple Basswood	% Cover 100 th, Cherry A Cover 33 3	Size Class Log/Pole Association Saw Size Class Log/Pole Log	10	per Well 1 Age 65	Red Pine White Pine Bracken Fern Beech Red Pine Jack Pine 4.6 65 Sub-Canopy Specie Beech Sugar Maple White Pine m 35.1 98 Sub-Canopy Specie Ironwood Sugar Maple	Low Trace Medium Medium Medium Low 171-200 Des Density Full Trace Trace 81-110 Des Density Medium	Avg. Height < 5 feet Variable Unspecified 5 - 10 feet >20 feet 5 - 10 feet N/A Avg. Height Variable Variable < 5 feet N/A Avg. Height < 5 feet >20 feet	Size Seeding Sapling Non-Wood Sapling Log Sapling Size Sapling Sapling Sapling Sapling Sapling Sapling Sapling	saplings remain for diversity. Field checked for regen Oct. 2018: a few seed trees have fallen, but most remain standing. Low numbers of pine seedlings are coming in (maybe 100-200/acre), mostly RP with JP (especially south part of stand where JP were harvested), and occasiona WP; some pines are advanced regen retained when the preceding stand was harvested. Beech saplings scattered throughout, thicker in SW corner of stand. 2022: additional RP are slowly seeding in. Regen plots showed the following number of trees per acre: RP 332 (410/ac if south strip excluded), JP 172, WP 4, beech 568 (mostly clumpy; 321/acre if south strip excluded), cherry 52, RM 4; total 1132; total RP + JP = 508/acre. Additional RP expected to keep filling in from seed trees. Stand was 3rd-row thinned in 2007. 2022 BAs: 150, 200, 180; mean 177
163	Canopy Species Red Pine 4112 - Maple, Beec Canopy Species Red Maple Basswood Beech	% Cover 100 100	Association Saw Size Class Log/Pole Log XLog/Log	10	per Well 1 Age 65 r Medium 1 Age 90	Red Pine White Pine Bracken Fern Beech Red Pine Jack Pine 4.6 65 Sub-Canopy Specie Beech Sugar Maple White Pine m 35.1 98 Sub-Canopy Specie Ironwood	Low Trace Medium Medium Medium Low 171-200 So Density Full Trace Trace 81-110 So Density Medium Medium Medium Low	Avg. Height < 5 feet Variable Unspecified 5 - 10 feet >20 feet 5 - 10 feet N/A Avg. Height Variable Variable < 5 feet N/A Avg. Height < 5 feet Variable Variable Variable Variable Variable Variable	Size Seeding Sapling Non-Wood Sapling Log Sapling Size Sapling	saplings remain for diversity. Field checked for regen Oct. 2018: a few seed trees have fallen, but most remain standing. Low numbers of pine seedlings are coming in (maybe 100-200/acre), mostly RP with JP (especially south part of stand where JP were harvested), and occasiona WP; some pines are advanced regen retained when the preceding stand was harvested. Beech saplings scattered throughout, thicker in SW corner of stand. 2022: additional RP are slowly seeding in. Regen plots showed the following number of trees per acre: RP 332 (410/ac if south strip excluded), JP 172, WP 4, beech 568 (mostly clumpy; 321/acre if south strip excluded), cherry 52, RM 4; total 1132; total RP + JP = 508/acre. Additional RP expected to keep filling in from seed trees. Stand was 3rd-row thinned in 2007. 2022 BAs: 150, 200, 180; mean 177
163	Canopy Species Red Pine 4112 - Maple, Beec Canopy Species Red Maple Basswood Beech Red Oak	% Cover 100 100	Association Saw Size Class Log/Pole Log XLog/Log XLog/Log	10 10 10 10 10 10 10 10	per Well 1 Age 65 r Medium 1 Age 90	Red Pine White Pine Bracken Fern Beech Red Pine Jack Pine 4.6 65 Sub-Canopy Specie Beech Sugar Maple White Pine m 35.1 98 Sub-Canopy Specie Ironwood	Low Trace Medium Medium Medium Low 171-200 So Density Full Trace Trace 81-110 So Density Medium Medium Medium Low	Avg. Height < 5 feet Variable Unspecified 5 - 10 feet >20 feet 5 - 10 feet N/A Avg. Height Variable Variable < 5 feet N/A Avg. Height < 5 feet Variable Variable Variable Variable Variable Variable	Size Seeding Sapling Non-Wood Sapling Log Sapling Size Sapling	saplings remain for diversity. Field checked for regen Oct. 2018: a few seed trees have fallen, but most remain standing. Low numbers of pine seedlings are coming in (maybe 100-200/acre), mostly RP with JP (especially south part of stand where JP were harvested), and occasiona WP; some pines are advanced regen retained when the preceding stand was harvested. Beech saplings scattered throughout, thicker in SW corner of stand. 2022: additional RP are slowly seeding in. Regen plots showed the following number of trees per acre: RP 332 (410/ac if south strip excluded), JP 172, WP 4, beech 568 (mostly clumpy; 321/acre if south strip excluded), cherry 52, RM 4; total 1132; total RP + JP = 508/acre. Additional RP expected to keep filling in from seed trees. Stand was 3rd-row thinned in 2007. 2022 BAs: 150, 200, 180; mean 177



tand	Level 4 Co	over Type	Si	ize De	nsity	Acres Stand Age BA	\ Range	Managed S	ite	General Comments
164	4116 - Mixed N.	Hardwood ·	- Aspen Sa	pling I	Medium	11.2 6 In	nmature	N/A		Clearcut with residuals in Jan. 2016. Scattered retention: mixed hardwoods, a few aspen.
(Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	naidwoods, a few aspen.
Е	Bigtooth Aspen	23	Sapling	1	6	Black Cherry	Medium	< 5 feet	Seeding	
	Red Maple	3	Log	14		Beech	Medium	< 5 feet	Seeding	
	Black Cherry	50	Sapling	1	6	Blackberry/Raspberry	High	< 5 feet	Tall Shrub	
	Beech	2	XLog	24						
	Quaking Aspen	15	Sapling	1	6					
	Black Cherry	3	Log	16						
	Sugar Maple	4	Log/Pole/XLog	16						
66	4112 - Maple, Beec	h, Cherry A	Association Saw	timbei	Mediun	n 24.8 98	81-110	N/A		Rolling terrain. Selection cut in late summer 2017. 2022 BAs: 100, 9
(Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	60, 70, 70; mean 78. Post-sale regen just beech and ironwood.
	Black Cherry	5	Log/Pole	13		Ironwood	Low	Variable	Sapling	
	Red Maple	35	Log/Pole	13	90	Sugar Maple	Low	Variable	Sapling	
	Sugar Maple	40	Log/Pole	11	98	Beech	Medium	Variable	Sapling	
	Beech	5	Log/XLog	16						
	Basswood	5	Log	14						
	Red Oak	5	XLog/Log	18						
Е	Bigtooth Aspen	5	Log	14	90					
167	4130	- Aspen	5	Sapling	y Well	7.4 7 In	nmature	N/A		Clearcut in fall 2015. Scattered retained white pine, maple, aspen ar
(Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	oak trees. Good aspen regeneration except for the south end.
	Red Maple	5	Pole/Sapling	7		White Pine	Low	< 5 feet	Seeding	
	White Pine	5								
	VVIIIC I IIIC	5	Log/Pole	10		Beech	Low	< 5 feet	Sapling	
	Black Cherry	5	Log/Pole Sapling	10	7	Beech	Low	< 5 feet	Sapling	
					7	Beech	Low	< 5 feet	Sapling	
	Black Cherry	5	Sapling	1	7	Beech	Low	< 5 feet	Sapling	
Е	Black Cherry Beech	5 5 80	Sapling Sapling Sapling	1 1 1	7		Low	< 5 feet	Sapling	Rolling terrain. Selection cut in fall 2015. 2022 BAs: 130, 140, 120, 1
68 ·	Black Cherry Beech Bigtooth Aspen	5 5 80	Sapling Sapling Sapling	1 1 1 timber	7				Sapling	Rolling terrain. Selection cut in fall 2015. 2022 BAs: 130, 140, 120, 100, 90; mean 115. Post-harvest regen mostly just beech.
68 ·	Black Cherry Beech Bigtooth Aspen 4112 - Maple, Beec	5 5 80	Sapling Sapling Sapling Sapling Association Saw	1 1 1 timber	7 Mediun	n 25.2 98 1	111-140	N/A		
68 [']	Black Cherry Beech Bigtooth Aspen 4112 - Maple, Beec Canopy Species	5 5 80 sh, Cherry A	Sapling Sapling Sapling Association Saw Size Class	1 1 1 timber	7 Mediun	n 25.2 98 1 Sub-Canopy Species	111-140 Density	N/A Avg. Height	Size	
68 ·	Black Cherry Beech Bigtooth Aspen 4112 - Maple, Beech Canopy Species Beech	5 80 8h, Cherry A Cover 5 4	Sapling Sapling Sapling Association Saw Size Class XLog/Log	1 1 1 1 timber DBH 22	7 Mediun	n 25.2 98 1 Sub-Canopy Species Hemlock	111-140 Density Trace	N/A Avg. Height >20 feet	Size Pole	
68 ·	Black Cherry Beech Bigtooth Aspen 4112 - Maple, Beec Canopy Species Beech Red Oak	5 80 8h, Cherry A Cover 5 4	Sapling Sapling Sapling Association Saw Size Class XLog/Log XLog/Log	1 1 1 1 timber DBH 22 18	7 Medium	n 25.2 98 1 Sub-Canopy Species Hemlock Beech	111-140 Density Trace High	N/A Avg. Height >20 feet Variable	Size Pole Sapling	
68 ·	Black Cherry Beech Bigtooth Aspen 4112 - Maple, Beec Canopy Species Beech Red Oak Red Maple	5 80 8h, Cherry A % Cover 5 4 35	Sapling Sapling Sapling Association Saw Size Class XLog/Log XLog/Log Log/Pole/XLog	1 1 1 timber DBH 22 18	7 Medium	n 25.2 98 1 Sub-Canopy Species Hemlock Beech Ironwood	Density Trace High Low	N/A Avg. Height >20 feet Variable Variable	Size Pole Sapling Sapling	



Stand	Level 4 C	over Type	Si	ize De	ensity	Acres Stand Age	BA Range	Managed S	ite	General Comments
170	4133 - Aspe	en, Mixed F	Pine Sa	wtimb	er Well	6.3 70	111-140	N/A		Mortality in aspen; succeeding to hardwoods. Stand includes several patches of planted white pine. Scattered elm, red maple. 2022 BAs: 40.
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Canopy Species	s Density	Avg. Height	Size	120, 120, 190; mean 118.
	Ironwood	2	Pole	5		Sugar Maple	High	Variable	Sapling	
	Sugar Maple	15	Pole/Log/Sap	7		Beech	Low	5 - 10 feet	Sapling	
(Quaking Aspen	30	Log/Pole/XLog	15	70	Ironwood	Medium	Variable	Sapling	
	Bigtooth Aspen	10	Log	15	70					
	White Pine	25	Log/Pole	11	60					
	Black Cherry	18	Log/XLog	16						
171	4111 - S.Maple, H	ard Mast A	ssociation Saw	timbe	r Medium	n 5.7 88	81-110	N/A		Select cut 2017.
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Canopy Species	s Density	Avg. Height	Size	
	Black Cherry	5	Log/Pole	12		Beech	Low	Variable	Sapling	
	White Pine	2	Log/Pole	10		Beech	High	< 5 feet	Seeding	
	Red Maple	8	Log	14		Blackberry/Raspberry	/ Full	< 5 feet	Tall Shrub	
	Basswood	8	Log	14		Ironwood	Medium	< 5 feet	Seeding	
	Beech	10	XLog/Log	18						
E	Bigtooth Aspen	2	Log	14						
	Sugar Maple	65	Log/Pole	12	88					
172	4110 - Sugar N	laple Asso	ciation Saw	timbe	r Medium	n 82.1 88	81-110	N/A		Select cut 2017. Scattered yellow birch, elm.
	Canony Species	% Cover	Sizo Class	DBL	l Ago	Sub Canony Species	e Doneity	Ava Hojaht	Sizo	
	Canopy Species		Size Class	_	I Age	Sub-Canopy Species		Avg. Height	Size	
	Beech	2	XLog/Log	18	I Age	Sugar Maple	Low	>20 feet	Sapling	
	Beech Red Maple	2 2	XLog/Log Log	18 14		Sugar Maple Beech	Low Medium	>20 feet Variable	Sapling Sapling	
	Beech Red Maple Sugar Maple	2 2 75	XLog/Log Log Log/Pole	18 14 12	88	Sugar Maple Beech Ironwood	Low Medium Low	>20 feet Variable Variable	Sapling Sapling Sapling	
	Beech Red Maple Sugar Maple Black Cherry	2 2 75 4	XLog/Log Log Log/Pole Log/Pole	18 14 12 12		Sugar Maple Beech Ironwood Ironwood	Low Medium Low High	>20 feet Variable Variable < 5 feet	Sapling Sapling Sapling Seeding	
	Beech Red Maple Sugar Maple	2 2 75	XLog/Log Log Log/Pole	18 14 12		Sugar Maple Beech Ironwood	Low Medium Low High	>20 feet Variable Variable	Sapling Sapling Sapling	
	Beech Red Maple Sugar Maple Black Cherry Bigtooth Aspen	2 2 75 4 2 15	XLog/Log Log Log/Pole Log/Pole Log Log/Pole/XLog	18 14 12 12 14	88	Sugar Maple Beech Ironwood Ironwood Blackberry/Raspberry	Low Medium Low High High	>20 feet Variable Variable < 5 feet < 5 feet	Sapling Sapling Sapling Seeding Tall Shrub	Pettengill Road
174	Beech Red Maple Sugar Maple Black Cherry Bigtooth Aspen Basswood	2 2 75 4 2 15 d/Parking L	XLog/Log Log Log/Pole Log/Pole Log Log Log/Pole/XLog	18 14 12 12 14 14	88 ocked	Sugar Maple Beech Ironwood Ironwood Blackberry/Raspberry Bigtooth Aspen	Low Medium Low High High Trace	>20 feet Variable Variable < 5 feet < 5 feet Variable	Sapling Sapling Sapling Seeding Tall Shrub	Steep slopes in places. Scattered conifers. Stand was selection
174 175	Beech Red Maple Sugar Maple Black Cherry Bigtooth Aspen Basswood	2 2 75 4 2 15 d/Parking L	XLog/Log Log Log/Pole Log Log/Pole/XLog Log/Pole/XLog Size Class	18 14 12 12 14 14 14 Nonsto	88 ocked	Sugar Maple Beech Ironwood Ironwood Blackberry/Raspberry Bigtooth Aspen	Low Medium Low High High Trace Immature	>20 feet Variable Variable < 5 feet < 5 feet Variable No	Sapling Sapling Sapling Seeding Tall Shrub Sapling	
174 175	Beech Red Maple Sugar Maple Black Cherry Bigtooth Aspen Basswood 122 - Road	2 2 75 4 2 15 d/Parking L	XLog/Log Log Log/Pole Log/Pole Log Log/Pole/XLog Lot Association Saw	18 14 12 12 14 14 14 Nonsto	88 sched	Sugar Maple Beech Ironwood Ironwood Blackberry/Raspberry Bigtooth Aspen 2.6	Low Medium Low High High Trace Immature	>20 feet Variable Variable < 5 feet < 5 feet Variable No	Sapling Sapling Sapling Seeding Tall Shrub Sapling	Steep slopes in places. Scattered conifers. Stand was selection harvested in summer 2017, except for the north edges. 2022 BAs: 60,
174 175	Beech Red Maple Sugar Maple Black Cherry Bigtooth Aspen Basswood 122 - Road 4112 - Maple, Beec	2 2 75 4 2 15 15 14 Parking L	XLog/Log Log Log/Pole Log Log/Pole/XLog Log/Pole/XLog Size Class	18 14 12 12 14 14 14 Nonsto	88 ocked Medium Age 98	Sugar Maple Beech Ironwood Ironwood Blackberry/Raspberry Bigtooth Aspen 2.6 74.1 98 Sub-Canopy Species	Low Medium Low High High Trace Immature 51-80 S Density	>20 feet Variable Variable < 5 feet < 5 feet Variable No N/A Avg. Height Variable Variable	Sapling Sapling Sapling Seeding Tall Shrub Sapling	Steep slopes in places. Scattered conifers. Stand was selection harvested in summer 2017, except for the north edges. 2022 BAs: 60,
174 175	Beech Red Maple Sugar Maple Black Cherry Bigtooth Aspen Basswood 122 - Road 4112 - Maple, Beech Canopy Species Sugar Maple	2 2 75 4 2 15 d/Parking L % Cover 60	XLog/Log Log Log/Pole Log/Pole Log Log/Pole/XLog Lot Association Saw Size Class Log/Pole	18 14 12 14 14 14 14 Nonsto	88 ocked	Sugar Maple Beech Ironwood Ironwood Blackberry/Raspberry Bigtooth Aspen 2.6 74.1 98 Sub-Canopy Species Beech	Low Medium Low High High Trace Immature 51-80 S Density High	>20 feet Variable Variable < 5 feet < 5 feet Variable No N/A Avg. Height Variable	Sapling Sapling Sapling Seeding Tall Shrub Sapling	Steep slopes in places. Scattered conifers. Stand was selection harvested in summer 2017, except for the north edges. 2022 BAs: 60,
174 175	Beech Red Maple Sugar Maple Black Cherry Bigtooth Aspen Basswood 122 - Road 4112 - Maple, Beech Canopy Species Sugar Maple Beech	2 2 75 4 2 15 15 15 16, Cherry 6 60 4	Log/Log Log/Pole Log/Pole/XLog Log/Pole/XLog Lot Association Saw Size Class Log/Pole Log/XLog	18 14 12 14 14 14 14 Nonsto	88 ocked Medium Age 98	Sugar Maple Beech Ironwood Ironwood Blackberry/Raspberry Bigtooth Aspen 2.6 74.1 98 Sub-Canopy Species Beech Ironwood	Low Medium Low High High Trace Immature 51-80 S Density High Medium	>20 feet Variable Variable < 5 feet < 5 feet Variable No N/A Avg. Height Variable Variable	Sapling Sapling Sapling Seeding Tall Shrub Sapling Size Sapling Sapling	Steep slopes in places. Scattered conifers. Stand was selection harvested in summer 2017, except for the north edges. 2022 BAs: 60,
174 175	Beech Red Maple Sugar Maple Black Cherry Bigtooth Aspen Basswood 122 - Road 4112 - Maple, Beech Canopy Species Sugar Maple Beech Red Maple	2 2 75 4 2 15 d/Parking L th, Cherry A Cover 60 4 20	Log/Log Log/Pole Log/Pole/XLog Log/Pole/XLog Log/Pole/XLog Log/Pole/XLog Log/Pole Log/YLog Log/XLog Log/XLog	18 14 12 12 14 14 14 Nonsto	88 Socked Medium Age 98 90	Sugar Maple Beech Ironwood Ironwood Blackberry/Raspberry Bigtooth Aspen 2.6 74.1 98 Sub-Canopy Species Beech Ironwood	Low Medium Low High High Trace Immature 51-80 S Density High Medium	>20 feet Variable Variable < 5 feet < 5 feet Variable No N/A Avg. Height Variable Variable	Sapling Sapling Sapling Seeding Tall Shrub Sapling Size Sapling Sapling	Steep slopes in places. Scattered conifers. Stand was selection harvested in summer 2017, except for the north edges. 2022 BAs: 60,
174 175	Beech Red Maple Sugar Maple Black Cherry Bigtooth Aspen Basswood 122 - Road 4112 - Maple, Beech Canopy Species Sugar Maple Beech Red Maple Bigtooth Aspen	2 2 75 4 2 15 d/Parking L th, Cherry / 60 4 20 2	XLog/Log Log Log/Pole Log/Pole/XLog Lot Association Saw Size Class Log/Pole Log/XLog Log/XLog Log/XLog Log/XLog Log	18 14 12 12 14 14 14 15 15 15 15 15 15 15 16 16 17 18 18 18 18 18 18 18 18 18 18 18 18 18	88 Socked Medium Age 98 90	Sugar Maple Beech Ironwood Ironwood Blackberry/Raspberry Bigtooth Aspen 2.6 74.1 98 Sub-Canopy Species Beech Ironwood	Low Medium Low High High Trace Immature 51-80 S Density High Medium	>20 feet Variable Variable < 5 feet < 5 feet Variable No N/A Avg. Height Variable Variable	Sapling Sapling Sapling Seeding Tall Shrub Sapling Size Sapling Sapling	Steep slopes in places. Scattered conifers. Stand was selection harvested in summer 2017, except for the north edges. 2022 BAs: 60,



Stand	Level 4 Cover Type	Size Density	Acres Stand Age B	A Range	Managed 9	Site	General Comments
177	6239 - Mixed Emergent Wetland	Nonstocked	1.8		No		Pearl Lake shoreline: standing flood-killed timber.
			Sub-Canopy Species	Density	Avg. Height	Size	
			Willow spp.	Trace	5 - 10 feet	Tall Shrub	
183	3302 - Low Density Conifer Trees	Nonstocked	0.1		No		Island in Pearl Lake. Patch of cedar and other trees surrounded by open
			Sub-Canopy Species	Density	Avg. Height	Size	shore. Note: not visited/updated 2022.
			Northern White Cedar	Medium		Pole	
			Deciduous Saplings	Low		Log	
			Red Pine	Trace		Log	
			Northern White Cedar	Low		Sapling	