

Compartment Review Presentation

Gwinn Forest Management Unit

Compartment 32092 Entry Year: 2027 Acreage: 2,451 County: Alger

Management Area: Menominee-Marguette

Stand Examiner: Sean Fischer

Legal Description:

T44N R22W, Sections 20, 28, 29, 32, and 33

Identified Planning Goals:

Planning will focus on integrated timber management, forest recreation, fisheries management, and wildlife habitat management. Increasing public access is a high priority. Forest road maintenance, trespass incidents, forest regeneration, forest health, forest fire control, stream crossings, water quality, and any resource damage issues are critical assessments considered during the forest mapping, inventory, public comment, and forest management planning processes.

Soil and topography:

Terrain is mostly level to slightly rolling. Wetlands and drainages are common. Soils range from organic mucks and poorly drained loamy soils to well-drained loams. Major soil series include Kalkaska, Munising, and Keweenaw.

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

This compartment is adjacent to large blocks of state ownership. Delta county is adjacent to the north boundary. There are blocks of Plum Creek lands within and to the east of the compartment. Small private parcels are found along the east central compartment boundary and the north compartment boundary.

Unique Natural Features:

Werner Creek and Deer Creek.

Archeological, Historical, and Cultural Features:

Special Management Designations or Considerations:

Watershed and Fisheries Considerations:

This compartment contains Werners Creek and Deer Creek which are tributaries to the Whitefish River. Werners Creek and Deer Creek are designated Type 1 trout streams less than 50-ft wide and have predicted mean July water temperatures that range from 65.0 to 66.0 °F (cold streams). 300-ft buffers are recommended for Warners Creek and Deer Creek in riparian areas susceptible to Aspen regeneration. For areas not susceptible to Aspen regeneration, a minimum 100-foot, plus 5 feet per 1% increase in slope, Riparian Management Zone is recommended to protect these areas in accordance with Best Management Practices.

Wildlife Habitat Considerations:

This compartment is found within the Menominee-Marquette Management Area, on ground moraines in northern Dickinson and southern Marquette Counties. The dominant Natural Communities are mesic northern forest, poor conifer swamps, and dry mesic northern forest. Major forest cover types include Aspen, Northern Hardwoods, and Mixed Lowland Conifers. Almost every cover type and associated species can be found within the management area including several deer wintering complexes. This management area provides some of the finest grouse and woodcock hunting in the Midwest and this is a wildlife management priority that will continue. Wildlife management issues in the management area are early successional forest conditions (associated with alder, riparian zones, or forested wetlands); mast (hard and soft); habitat fragmentation; mature forest (upland deciduous, especially aspen and mixed forest with little understory); course woody debris; and deer wintering complexes. The following have been identified as featured species for the Menominee-Marquette Management Area: American Woodcock, Blackburnian Warbler, Cerulean Warbler, Goldenwinged Warbler, Black-backed Woodpecker, Ruffed Grouse, Turkey, American Marten, Snowshoe Hare, White-tailed Deer, Black Bear.

Mineral Resource and Development Concerns and/or Restrictions

Sections 20, 28, 29, 32, & 33, T44N R22W, Alger County

Surface sediments consist of medium-textured till. There is insufficient data to determine the glacial drift thickness

(typically less than 25 feet). The Ordovician Trenton Group subcrops below the glacial drift. The Trenton and Black River groups are quarried for stone/dolomite elsewhere in the UP. There are no gravel pits in the area, and potential appears to be limited. There is no history of mineral leasing in this area. There is no economic oil and gas production in the UP.

Vehicle Access:

Vehicle access to the north and west portions of the compartment are limited. Diffin Road is the north boundary of this compartment, and becomes inaccessible to all wheeled vehicles just past the portable bridge crossing Werner Creek. Two poor forest roads extend south off of Diffin Rd. One is bermed and the other has major resource damage due to extremely wet, ponded conditions and an un-authorized bridge. However, this road provides access to a camp which has been very cooperative with past timber management activities operating across the private parcel. The Deadhorse Road provides the main access through the center of the compartment. A large DNR bridge provides a crossing over Werner Creek. Access to the state 40 east of Thornton Road is problematic.

Survey Needs:

Several survey monuments will need to be placed.

Recreational Facilities and Opportunities:

There are no formal recreation facilities in this compartment. Snowmobiles and ATVs utilize the forest roads. Hunting and wildlife observation are important recreational activities. Fishing opportunities also exist in Werner and Deer Creeks.

Fire Protection:

This compartment has a relatively low risk for wildfire.

Additional Compartment Information:

The Deadhorse Road provides access from Alger county into the large block of state land in Delta county. Compartment falls within Deer Wintering Complex - use winter cut harvesting restrictions on all treatments.

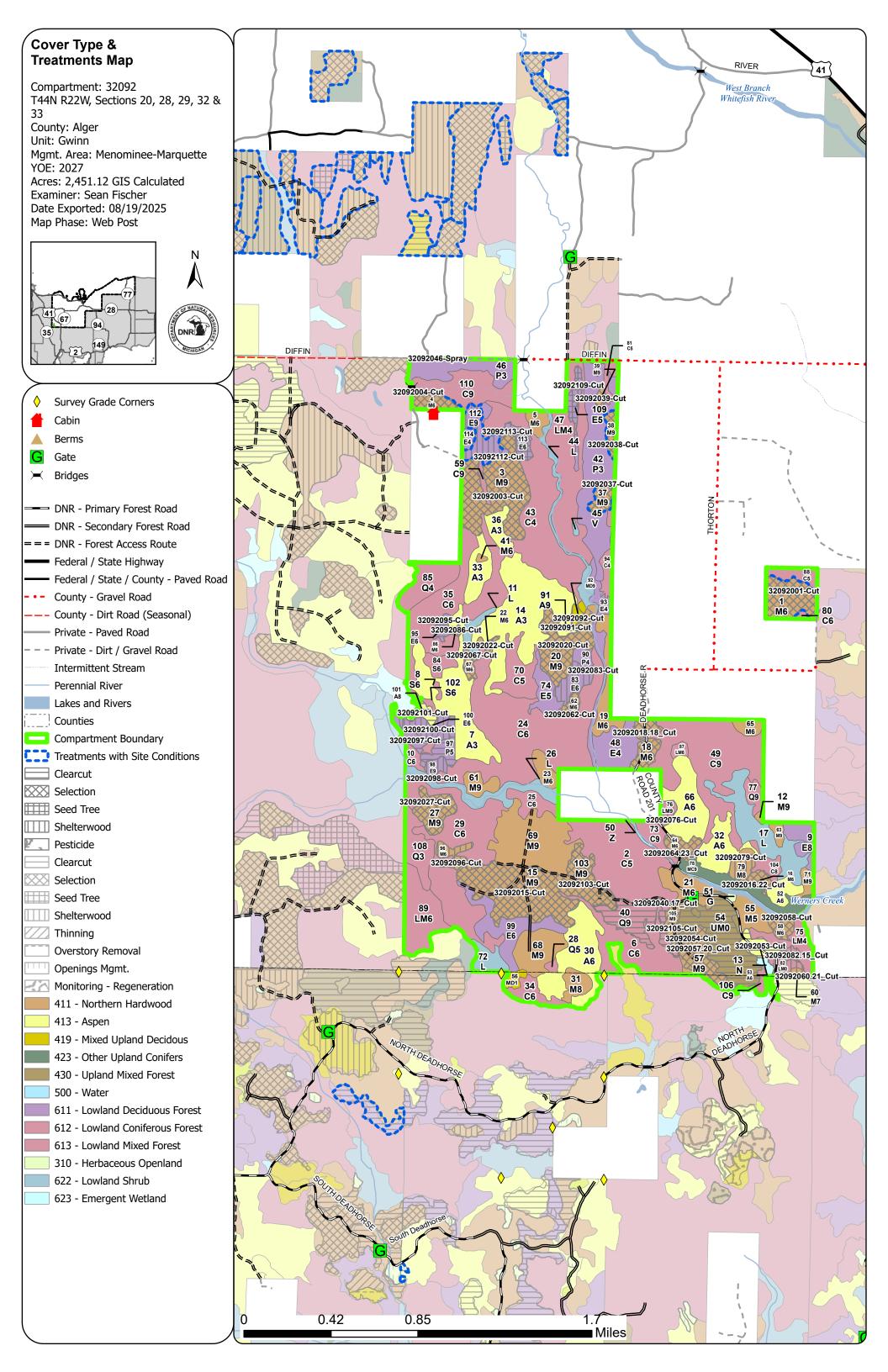
The following reports from the Inventory are attached:

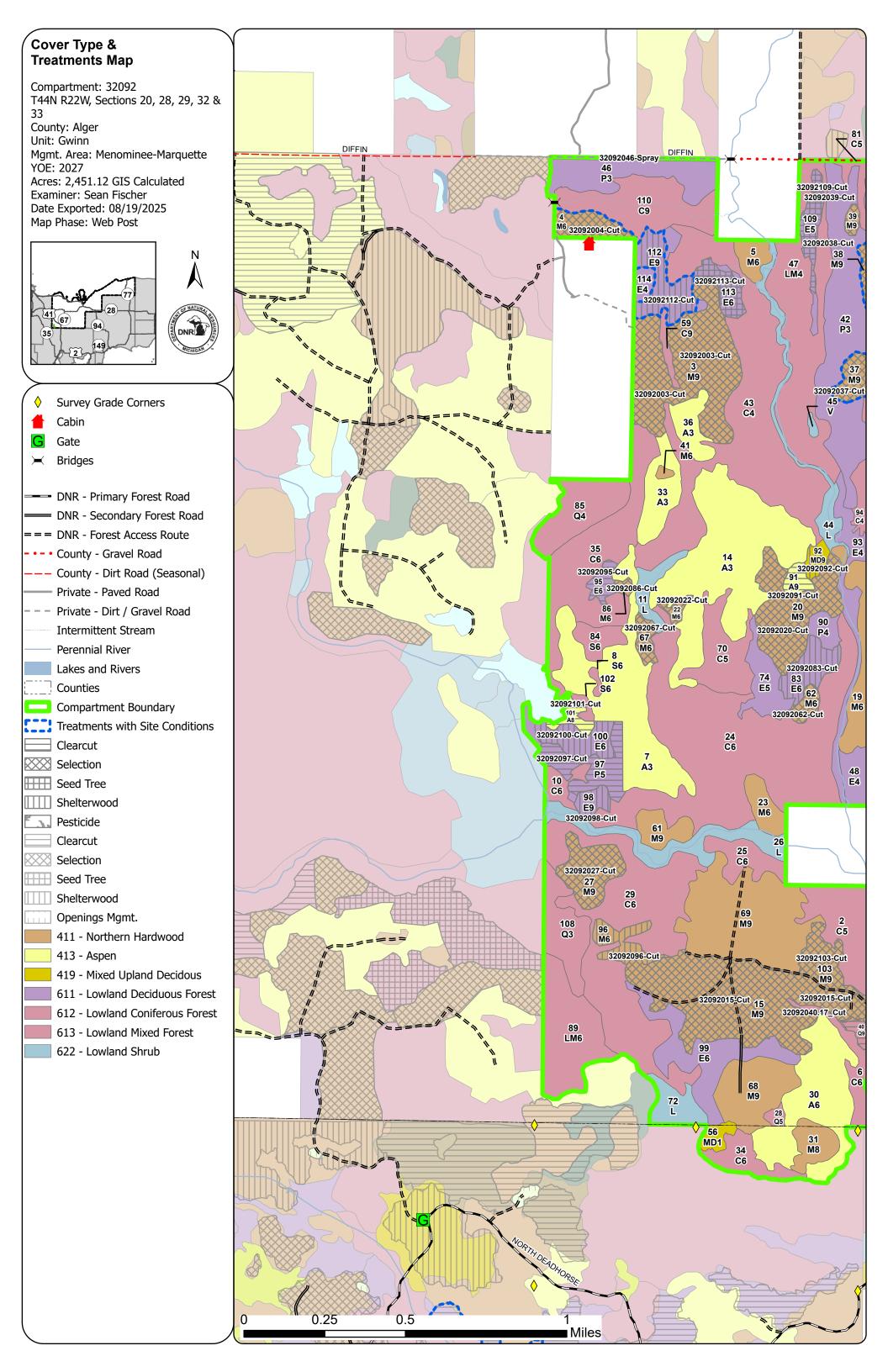
Total Acres by Cover Type and Age Class
Cover Type by Harvest Method
Proposed Treatments – No Limiting Factors
Proposed Treatments – With Limiting Factors
Stand Details (Forested and Nonforested)
Dedicated and Proposed Special Conservation Areas
Site Condition Details

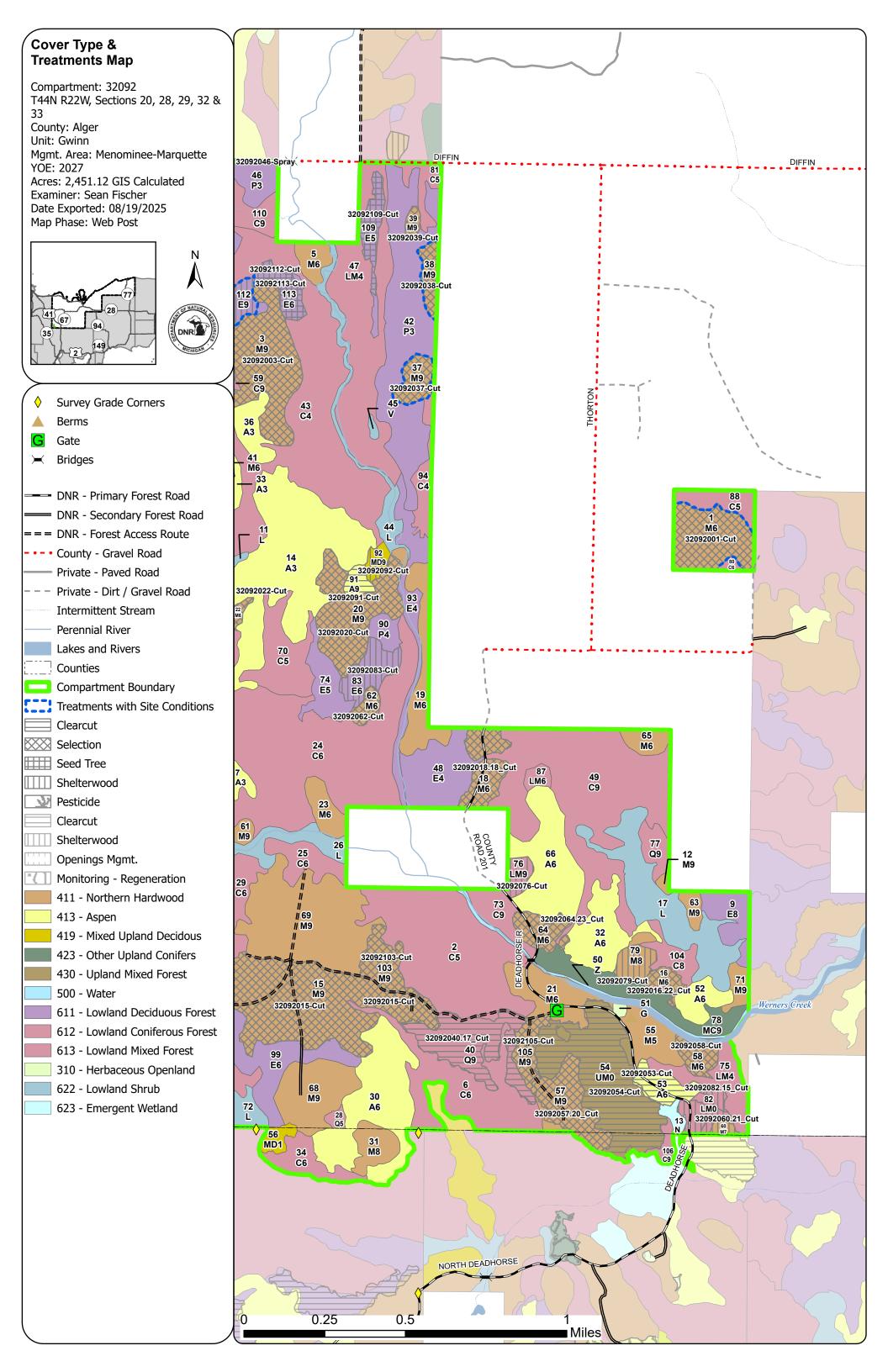
The following information is displayed, where pertinent, on the attached compartment maps:

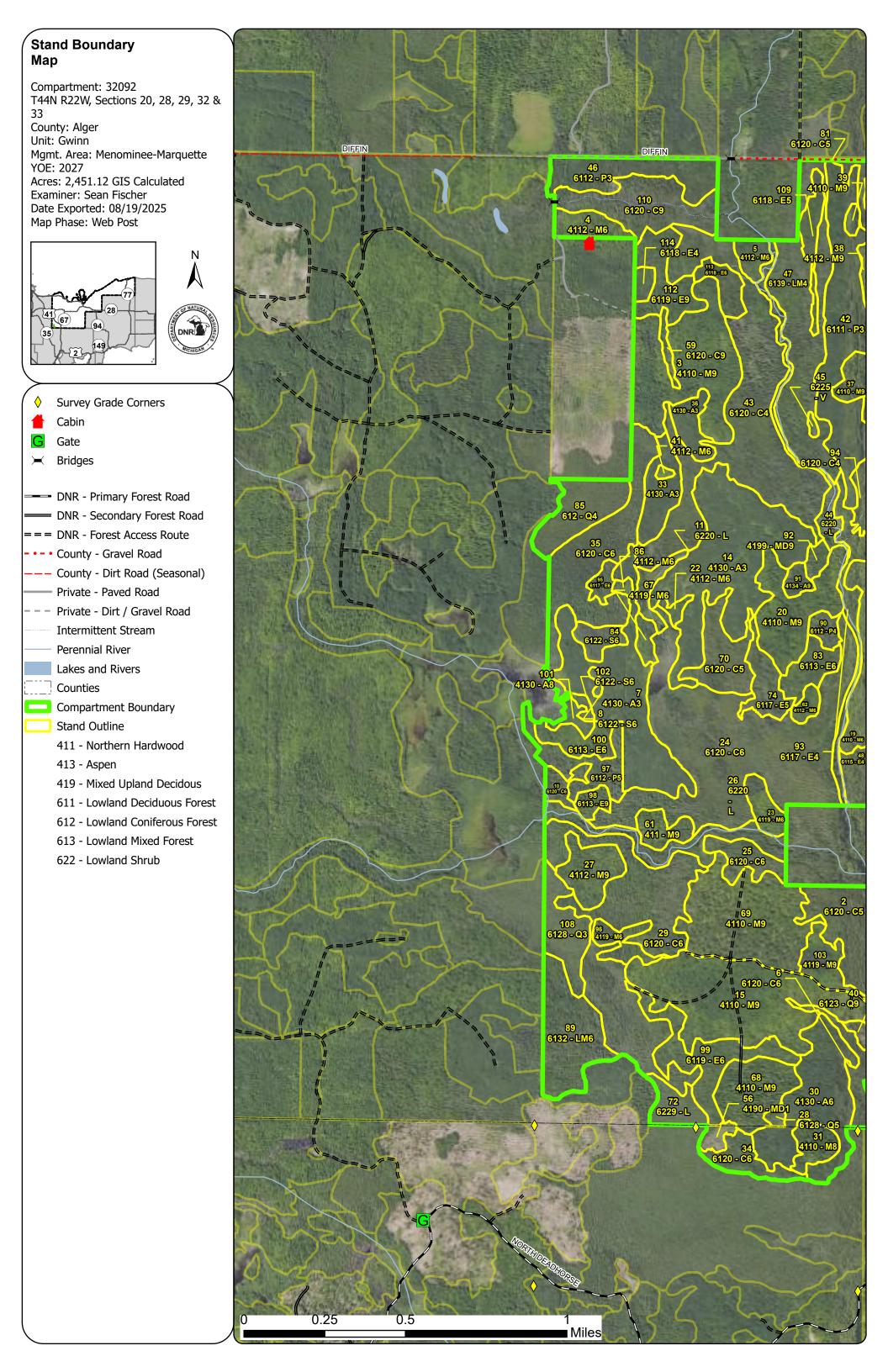
Base feature information, stand boundaries, cover types, and numbers Proposed treatments
Site condition boundaries

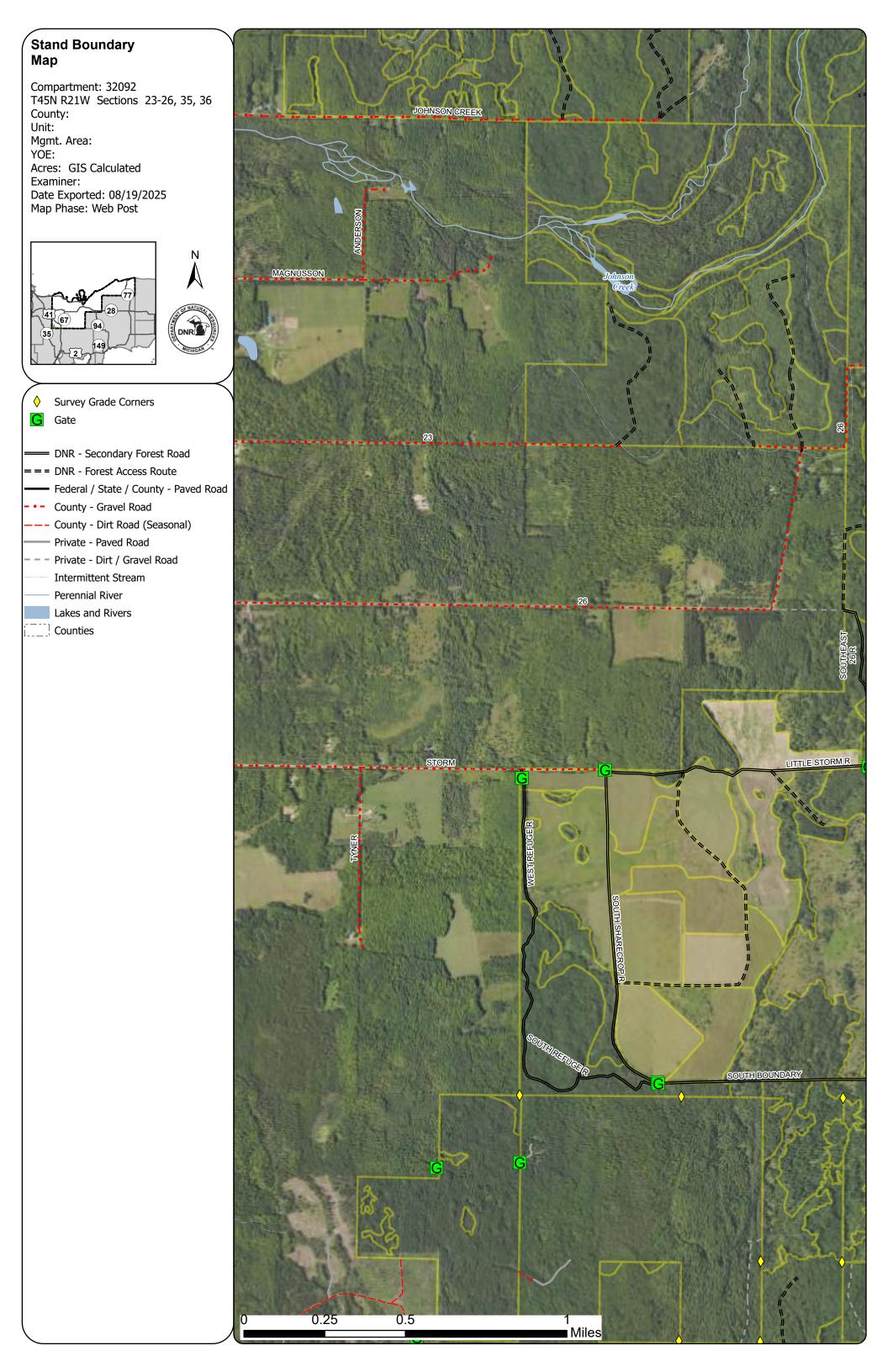
Details on the road access system

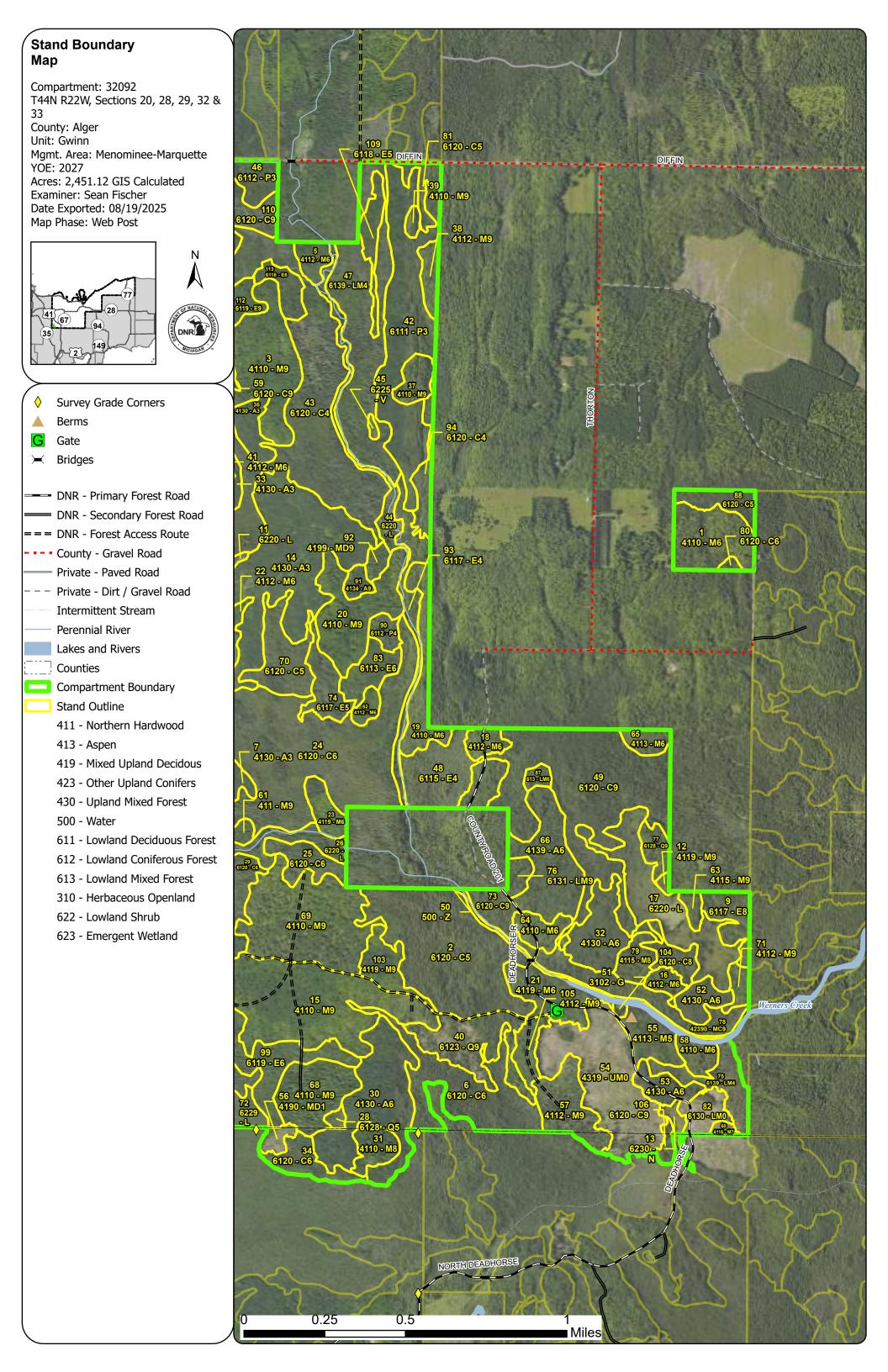


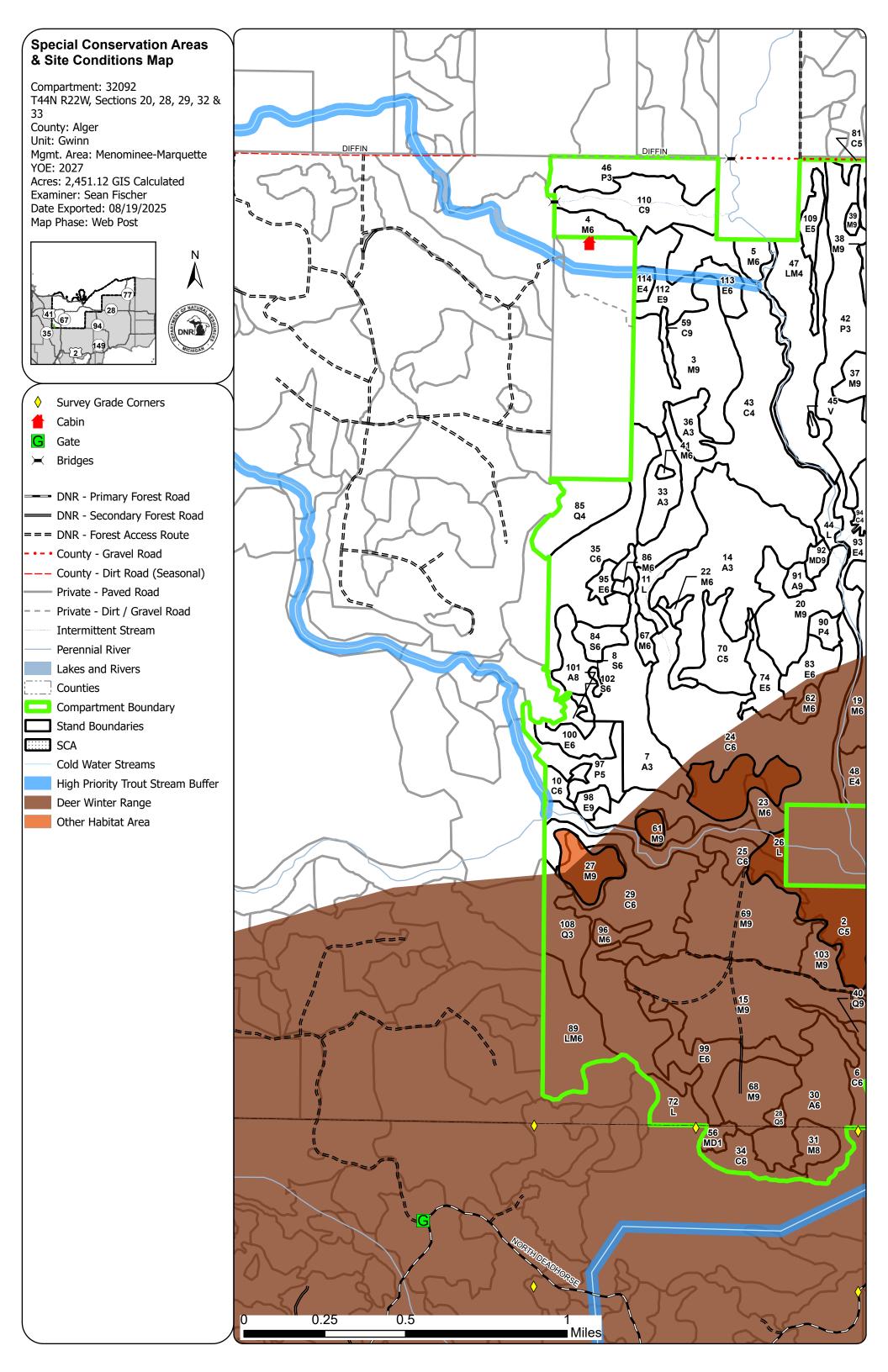


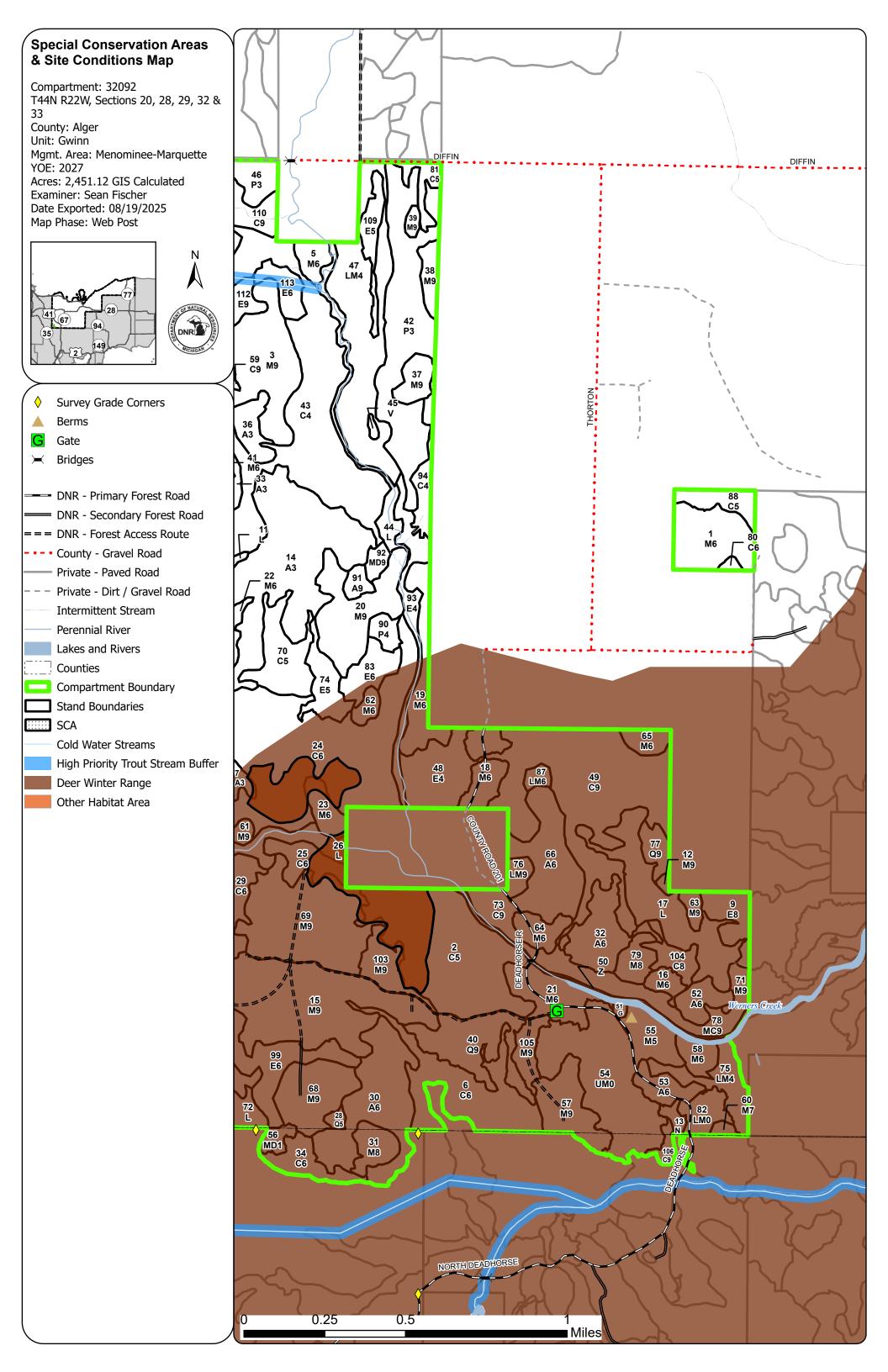












Compartment 92 Year of Entry 2027

Sean Fischer: Examiner

Gwinn Mgt. Unit



MAKIB1

Age Class

	No.	Koria C	8 / 2		g g	3/6	P G	3/8	\$ / K	R &	* X	S G	, a, 'a, 'a, 'a, 'a, 'a, 'a, 'a, 'a, 'a,	& /s	N S	25 S	No. No.	St. Store	N. S. L. S.
Aspen	0	0	155	97	50	0	10	0	0	4	5	0	0	0	0	0	0	0	321
Bog	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Cedar	0	0	0	0	0	0	10	0	55	31	7	289	0	385	0	0	13	0	790
Herbaceous Openland	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Lowland Aspen/Balsam Poplar	0	0	0	100	0	0	0	0	0	20	0	5	0	0	0	0	0	0	125
Lowland Conifers	0	0	0	0	0	0	0	31	0	0	0	0	25	31	0	0	0	0	86
Lowland Deciduous	0	0	0	0	0	0	19	26	36	41	0	13	0	49	0	0	0	0	184
Lowland Mixed Forest	11	0	0	0	0	0	64	0	17	3	0	0	0	38	0	0	0	5	138
Lowland Shrub	103	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	103
Lowland Spruce/Fir	0	0	0	0	0	0	0	8	3	0	0	0	0	0	0	0	0	0	11
Marsh	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Mixed Upland Deciduous	0	4	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	8
Northern Hardwood	0	0	0	0	0	0	0	0	16	100	189	0	0	15	0	0	0	266	586
Upland Conifers	0	0	0	0	0	0	0	0	0	0	0	0	0	24	0	0	0	0	24
Upland Mixed Forest	61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	61
Water	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Total	186	4	155	197	50	0	103	65	127	203	201	307	25	542	0	0	13	271	2448



Report 2 – Treatment Summary

Gwinn Mgt. Unit Year of Entry: 2027

Acres of Harvest

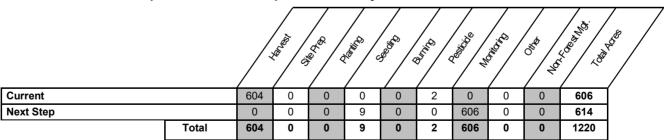
Compartment 92
Total Compartment Acres: 2,451

Commercial Harvest - 1064 Harvests with Site Condition - 146 Next Step Harvest - 0 Habitat Cut - 0

Cover Type by Harvest Method

		/'			**************************************		Do La Complete Comple	Onicial Solo	R. R. D. C. R.	**************************************		1 \$ /
Aspen		18	0	0	0	0	0	0	0	0	18	
Lowland Aspen/Balsam Poplar		17	0	0	0	0	0	0	0	0	17	
Lowland Conifers		32	0	0	0	0	0	0	0	0	32	
Lowland Deciduous		18	0	0	17	48	0	0	0	0	83	
Lowland Mixed Forest		0	0	0	0	16	0	0	0	0	16	
Mixed Upland Deciduous		0	0	0	0	3	0	0	0	0	3	
Northern Hardwood		0	358	0	0	17	0	0	0	0	375	
Upland Mixed Forest		59	0	0	0	0	0	0	0	0	59	
	Total	144	358	0	17	84	0	0	0	0	604	

Proposed and Next Step Treatments by Method



Stand

CoverType

BA

Range

Age

Structure

Cover Type

Objective

n

d

DNR DREET
Habitat

Cut

_			
Pro	posed	l Treat	ments:

Treatment

Name

1 32092001-Cut 28.1 4110 - Sugar Maple 6 85 81-110 Harvest Selection 411 - Northern Current No Association Hardwood

Treatment

Type

Treatment

Method

<u>Prescription</u> Single tree select to 70-90 BA. The portion of stand east of drainage BA residual should be closer to 70 BA because of lower starting BA in that portion of stand. Expand existing canopy gaps where appropriate. Mark dominant and codominant stems in the can

Next Step Monitoring, Natural Regen (Re-Inventory)

Acres

Treatments:

Acceptable Sugar maple, red maple, basswood, yellow birch, northern white cedar, spruce, oak, white pine, hemlock.

Size

Density

Stand

Age

Regen:

Other Access Thornton Road or private to the west. Winter harvest recommended because of drainage through middle of stand. Deer wintering complex, harvest only between 12/1 to 3/31.

<u>Site Condition:</u> Survey Needed Proposed Start Date: 10/01/2026

3 32092003-Cut 66.5 4110 - Sugar Maple 9 95 111- Harvest Selection 411 - Northern Current No Association 140 Hardwood

<u>Prescription</u> Single tree select stand to 70-90 basal area, favoring a residual BA on the higher end of that range. Cut all aspen, spruce, and fir which meet <u>Specs:</u> 2.2 - utilization. Mark according to guidelines in the complete marker. Favor removal of high risk trees, dise

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Red maple, sugar maple, yellow birch, spruce, paper birch, aspen, white pine, hemlock, cedar, basswood, black cherry

Regen:

Other Winter harvest recommended. Access is through north via Don MacIntosh private property, he has granted access.

Comment:

Site Condition:

Proposed Start Date: 10/01/2026

4 32092004-Cut 10.6 4112 - Maple, 6 90 81-110 Harvest Selection 411 - Northern Current No Beech, Cherry
Association

<u>Prescription</u> Cut tree mark stand to residual basal area of 70-90. Follow Complete Marker. Favor retention of wildlife quality cavity trees and legacy trees <u>Specs:</u> >26" in diameter. Mark 1 canopy gap 66' in diameter per acre, placing these in areas which release existing adv

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Sugar maple, red maple, spruce, basswood, white pine, cedar, hemlock, black cherry, yellow birch, paper birch, aspen

Regen:

Other Comment:

<u>Site Condition:</u> Survey Needed <u>Proposed Start Date:</u> 10/01/2026

Compartment: 32092



S t										Year of Entr	y: 2027	DNR
a n d	Treatn Nam		Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Міснібі Habita Cut
15	320920	15-Cut	87.3	4110 - Sugar Maple Association	9	100	81-110	Harvest	Selection	411 - Northern Hardwood	Current	No
Spec		Favor re	etention o	t stand to 70-90 basa of smaller, good qualit ral Regen (Re-Invent	ty crop tree						eter log-qualit	y trees.
Trea	tments:		-	ar maple, yellow birch	• /	oaper bir	ch, aspen	ı, white pine, he	mlock, cedar, bass	wood, black cherry		
Othe Com		Deer wi	ntering c	omplex, need restricti	ion to cutti	ng betwe	een 12/1 t	o 3/31.				
	Condition	<u>1:</u>										
Prop	osed Sta	<u>ırt Date:</u>	10/01/2	2026								
20	320920	20-Cut	35.0	4110 - Sugar Maple Association	9	92	111- 140	Harvest	Selection	411 - Northern Hardwood	Current	No
Pres Spec				t stand to 70-90 basa /lark according to gui							ce, and fir wh	iich meet
	Step tments:	Monitor	ng, Natu	ral Regen (Re-Invent	ory)							
Acce Rege		Red ma	ple, suga	ar maple, yellow birch	ı, spruce, p	oaper bir	ch, asper	ı, white pine, he	mlock, cedar, bass	wood, black cherry		
Othe Com	<u>r</u> ment:											
Site	Condition	<u>ı:</u>										
Prop	osed Sta	<u>ırt Date:</u>	10/01/2	2026								
22	320920	22-Cut	2.7	4112 - Maple, Beech, Cherry Association	6	85	141- 170	Harvest	Selection	411 - Northern Hardwood	Current	No
Pres Spec				t stand to encourage asal area, favoring a							stems. Singl	e tree seled
	Step tments:	Monitor	ng, Natu	ral Regen (Re-Invent	ory)							
Acce Rege	•	Red ma	ple, suga	ar maple, yellow birch	ı, spruce, p	oaper bir	ch, aspen	, white pine, he	mlock, cedar, bass	wood, black cherry		
Othe Com	<u>r</u> ment:	Winter I	narvest re	ecommended becaus	e of roads	access.						
Site	Condition	<u>ı:</u>										
Prop	osed Sta	<u>ırt Date:</u>	10/01/2	2026								
27	320920	27-Cut	18.5	4112 - Maple, Beech, Cherry Association	9	95	201+	Harvest	Selection	411 - Northern Hardwood	Current	No
Pres Spec				selection of stand to 1 all aspen and fir which							of convention	ıal logging
	Step tments:	Monitor	ng, Natu	ral Regen (Re-Invent	ory)							
Acce Rege	•	Red ma	ple, suga	ar maple, yellow birch	ı, spruce, p	oaper bir	ch, aspen	ı, white pine, he	mlock, cedar, bass	wood, black cherry	, red oak	
Othe Com	<u>r</u> ment:	Deer W	intering (Complex and will requ	uire a winte	er cutting	specifica	tion (12/1 to 3/3	1).			



S t										Year of Entry	y: 2027	DNR
a n d	Treatr Nan		Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
37	320920)37-Cut	8.6 4	110 - Sugar Maple Association	9	95	111- 140	Harvest	Selection	411 - Northern Hardwood	Current	No
Speci Next		risk tree	es, diseased	stand to 70-90 basa d and defective tree Regen (Re-Invento	s, and tre					n the complete marl tention	ker. Favor rer	moval of hig
Reg						·	•	•	mlock, cedar, bass	swood, black cherry		
Othe Com	<u>er</u> nment:	winter o	only harvest	recommended. We	et access	road and	d wet port	ions of the unit.				
Site	Conditio	<u>n:</u> Sur	vey Needed	I								
Prop	osed Sta	art Date:	10/01/202	26								
38	320920)38-Cut	6.9	4112 - Maple, Beech, Cherry Association	9	85	111- 140	Harvest	Selection	411 - Northern Hardwood	Current	No
Pres Spe	cription			stand to 70-90 basa I and defective tree						n the complete marl tention	ker. Favor rer	moval of hig
	Step tments:	Monitor	ring, Natural	Regen (Re-Invento	ory)							
Acce Reg		Red ma	aple, sugar ı	maple, yellow birch	, spruce, p	paper bir	ch, aspen	ı, balsam poplar	, white pine, hemlo	ock, cedar, basswoo	od, black cher	rry
Othe												
Site	Conditio	<u>n:</u> Sur	vey Needed	I								
Prop	osed Sta	art Date:	10/01/202	26								
39	320920)39-Cut	2.3 41	110 - Sugar Maple Association	9	85	141- 170	Harvest	Selection	411 - Northern Hardwood	Current	No
Pres Spe	cription			stand to 70-90 basa emplete marker. Fa						Cut all merchantab nd trees	le fir. Mark a	ccording to
	Step tments:	Monitor	ring, Natural	Regen (Re-Invento	ory)							
Acce Reg	•	Red ma	aple, sugar ı	maple, yellow birch	, spruce, p	paper bir	ch, asper	n, white pine, he	mlock, cedar, bass	swood, black cherry		
Othe Com	e <u>r</u> nment:											
	Conditio		40/04/00/	20								
			10/01/202									
46		2046- ray	2.1	6112 - Lowland Aspen	3	23	51-80	Pesticide	Pesticide	6112 - Lowland Aspen	Planting Record	No
Pres Spe		Hand s	pray herbici	de on invasive phra	gmites lo	cated in i	road/powe	erline corridor.				
	Step tments:	Monitor	ring,									
Reg												
Othe Com	<u>er</u> nment:	Refere	nce point sh	lows area of phragr	nites							

Proposed Start Date: 10/01/2025

Site Condition:

s t		Gwinn	Mgt. Unit		Repor	t3 '	Treatments		Compartmer Year of Entr		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	Habita Cut
53	32092053-Cut	9.3	4130 - Aspen	6	52	111- 140	Harvest	Clearcut	413 - Aspen	Planting Record	No
Pres Spec			er than 2" in diamet ack cherry, paper b							h. Green tree	some
_	Step Monito	ring, Natura	l Regen (Re-Invent	ory)							
Acce Reg		species, ma	aple, balsam poplar	, spruce, fi	ir, black	cherry, pa	aper birch, pine, b	passwood, hemloo	k, cedar, yellow bir	rch.	
Othe Com	<u>er</u> Deer V n <u>ment:</u>	Vintering Co	mplex and will requ	uire a winte	er cutting	specifica	tion (12/1 to 3/31).			
Site	Condition:										
Prop	osed Start Date	<u>:</u> 10/01/20	26								
58	32092058-Cut	8.0 4	110 - Sugar Maple Association	6	93	111- 140	Harvest	Selection	411 - Northern Hardwood	Current	No
Pres Spec) following complet h, hemlock, and bla							maturity. Res	erve all whi
	Step Monito	ring, Natura	l Regen (Re-Invent	ory)							
Acce Reg		species, bla	ck cherry, white sp	ruce, heml	ock, yell	ow birch,	basswood, oak,	cedar,			
Othe Com	<u>er</u> Deer V nment:	Vintering Co	mplex and will requ	uire a winte	er cutting	specifica	tion (12/1 to 3/31).			
Site	Condition:										
Prop	osed Start Date	<u>:</u> 10/01/20:	26								
62	32092062-Cut	4.3	4112 - Maple, Beech, Cherry Association	6	90	111- 140	Harvest	Selection	411 - Northern Hardwood	Current	No
Pres Spec			stand to 70-90 basa irk according to gui							uce, and fir w	hich meet
Next	Step Monito	ring Natura	l Regen (Re-Invent	orv)							

Treatments:

<u>Acceptable</u> Red maple, sugar maple, yellow birch, spruce, paper birch, aspen, white pine, hemlock, cedar, basswood, black cherry Regen:

<u>Other</u> Deer Wintering Complex and will require a winter cutting specification (12/1 to 3/31). Wet access via skidding through adjacent stands. Comment:

Site Condition:

Proposed Start Date: 10/01/2026

67	32092067-Cut	4.8	4119 - Mixed	6	85	111-	Harvest	Selection	411 - Northern	Current	No	
		N	Jorthern Hardwoods			140			Hardwood			

Prescription Single tree select stand to encourage development of a sapling layer and to encourage quality improvement on residual stems. Mark to 70-90 basal area, favoring a residual BA on the higher end of that range Follow complete marker. Leave den and nest trees Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

<u>Acceptable</u> Red maple, sugar maple, yellow birch, spruce, paper birch, aspen, white pine, hemlock, cedar, basswood, black cherry

Regen:

<u>Other</u>

Comment:

Site Condition:



Compartment: 32092

S		OW.	mm mga ome		Kepoi		rreatments		Year of Entry		DNR
t a n d	Treatmen Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
74	32092074-	Cut 12.9	9 6117 - Lowland Deciduous, Mixed Coniferous	5	80	51-80	Harvest	Clearcut	6117 - Lowland Deciduous, Mixed Coniferous	Planting Record	No
Pres Spe			nich meet 2.2 - utilization per birch is present.	on except o	lo not cu	it cedar, h	emlock, and yel	low birch. Green tr	ee 10 basal area of	healthy wind	d firm paper
	<u>t Step</u> Mo atments:	nitoring, Nat	ural Regen (Re-Invent	tory)							
Acc Reg		en, paper b	irch, yellow birch, bals	sam poplar,	black cl	herry, red	maple, sugar m	aple, fir, spruce, pi	ne, hemlock, cedar	•	
Othe Con	<u>er</u> De nment:	er Wintering	Complex and will requ	uire a winte	er cutting	specifica	tion (12/1 to 3/3	1). Use den tree sp	ec.		
Site	Condition:										
Pro	posed Start D	<u>ate:</u> 10/01	/2026								
76	32092076-	Cut 5.2	2 6131 - Hemlock, White Pine, Maple, Birch	9	110	111- 140	Harvest	Shelterwood	6131 - Hemlock, White Pine, Maple, Birch	Current	No
Pres Spe			ele, spruce, and fir, exc to total residual basal	•		•	er 25" stump dia	meter (long term re	etention trees for wi	ldlife). Reser	ve mark
	<u>t Step</u> Mo atments:	nitoring, Nat	tural Regen (Re-Invent	tory)							
Acc Reg	•	l maple, asp	oen, spruce, fir, cedar,	, sugar mar	ole, hem	lock, white	e pine, black che	erry, yellow birch, p	aper birch.		
Othe Con		ntion is not t	to do overstory removerations.	al harvest.	Use den	tree prot	ection spec. Use	e extra restrictive ru	itting spec (25' in le	ngth, 6" dept	h).
Site	Condition:										
Pro	posed Start D	ate: 10/01	/2026								
79	32092079-	Cut 7.4	4 4115 - Y.Birch, Hemlock NH	8	82	111- 140	Harvest	Shelterwood	4115 - Y.Birch, Hemlock NH	Planting Record	No
Pres Spe			eeting utilization 2.2 ex retention of good-qua							otal residual	basal area o
	<u>t Step</u> Mo atments:	nitoring, Nat	ural Regen (Re-Invent	tory)							
Acc Reg		maple, suga	ar maple, hemlock, ce	edar, spruce	e, aspen	, paper bi	rch, yellow birch	, fir			
Oth Con			Complex and will requopment of good-quality							moval harves	st
Site	Condition:										
Pro	posed Start D	ate: 10/01	/2026								
83	32092083-	Cut 12.8	8 6113 - Lowland Maple	6	106	81-110	Harvest	Shelterwood	6113 - Lowland Maple	Planting Record	No
Pres Spe			rhich meet 2.2 utilization Il basal area, favoring							healthy pape	er birch 40-
	<u>t Step</u> Mo atments:	nitoring, Nat	tural Regen (Re-Invent	tory)							
Acc Reg		maple, suga	ar maple, cedar, yellov	w birch, pa _l	per birch	ı, spruce,	fir, aspen, heml	ock, pine, basswoo	d.		
1											

Deer Wintering Complex and will require a winter cutting specification (12/1 to 3/31). Use den tree spec. Winter only harvest. Intention is to perform overstory removal harvest once establishment of acceptable growing stock advanced regeneration occurs.

Site Condition:

<u>Other</u> Comment:

Gwinn	Mgt.	Unit
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Report 3 -- Treatments

Compartment: 32092
Year of Entry: 2027

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a n d	Treatm Nam		Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
86	3209208	86-Cut	1.6	4112 - Maple, Beech, Cherry Association	6	85	141- 170	Harvest	Selection	411 - Northern Hardwood	Current	No
Pres Spec									urage quality improv plete marker. Leave		stems. Mark	trees to 70-
	Step tments:	Monitori	ing, Natura	l Regen (Re-Invento	ory)							
Acce Rege		Red ma	ıple, sugar	maple, yellow birch	, spruce, p	aper bir	ch, aspen,	white pine, her	mlock, cedar, bassw	ood, black cherry		
Othe Com	e <u>r</u> nment:	Winter h	narvest rec	ommended becaus	e of roads	access.						
	Condition		10/01/20	26								
91	3209209	91-Cut	4.4	4134 - Aspen, Spruce/Fir	9	80	111- 140	Harvest	Clearcut	413 - Aspen	Planting Record	No
Pres Spec									rk 10 basal area of of any species betw		r wildlife quali	ty (cavity)
	Step tments:	Monitori	ing, Natura	l Regen (Re-Invento	ory)							
Acce Rege		Aspen,	spruce, fir,	balsam poplar, blad	ck cherry,	paper bi	rch, red m	aple, sugar ma	ple			
Othe Com	e <u>r</u> iment:											
Site	Condition	<u>:</u>										
Prop	osed Sta	rt Date:	10/01/20	26								
92	3209209	92-Cut		199 - Other Mixed Upland Deciduous	9	80	81-110	Harvest	Shelterwood	4199 - Other Mixed Upland Deciduous	Cutting Record	No
Pres Spec				er birch, fir, and spruent to a stump lying				reate 1 drumm	ing logs of any spec	ies (9–15-inch DB	H) at least 8 f	ft long,
	Step tments:	Monitori	ing, Natura	l Regen (Re-Invento	ory)							
Acce Rege		Sugar n	naple, red ı	maple, spruce, fir, c	herry, pap	er birch,	, yellow bir	ch, white pine,	aspen, balsam popl	ar, cedar,		
Othe Com	e <u>r</u> nment:											
Site	Condition	<u>:</u>										

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Report 3 -- Treatments

Compartment: 32092 Year of Entry: 2027	DIR MICHIGAN
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S t				9		repo		reatments		Year of Entry		DNR
a n d	Treatm Name		Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habita Cut
95	3209209	95-Cut	4.6	6117 - Lowland Deciduous, Mixed Coniferous	6	75	81-110	Harvest	Clearcut	6117 - Lowland Deciduous, Mixed Coniferous	Planting Record	No
Preso Spec				and greater in dbh reo the stand of any spec							hemlock. Cre	eate 1
Next Treat	Step I ments:	Monitori	ng, Natu	ral Regen (Re-Invent	ory)							
Acce Rege		Aspen,	balsam p	ooplar, cedar, hemloc	k, paper bi	irch, red	maple, su	ıgar maple, fir, s	pruce, yellow birch	n, black cherry.		
Other Comr	-	Winter o	only harve	est recommended. De	o not exter	nd treatn	nent boun	dary into small w	white birch poles or	stand edge		
Site C	Condition	<u>:</u>										
Propo	osed Star	t Date:	10/01/2	2026								
96	3209209	6-Cut	9.7	4119 - Mixed Northern Hardwoods	6	126	81-110	Harvest	Shelterwood	4119 - Mixed Northern Hardwoods	Planting Record	No
Preso Spec				ich meet 2.2 utilizatio e trees should be qual				,			erved species	s to residua
Next Treat	<u>Step</u> I ments:	Monitori	ng, Natu	ral Regen (Re-Invent	ory)							
Acce Rege		Red ma	ple, suga	ar maple, yellow birch	, paper bir	ch, ceda	ar, spruce,	aspen, fir, heml	lock, balsam popla	r,		
Other Comr				Complex and will requieration is established							noval harvest	once
	Condition	_										
Propo	osed Star	t Date:	10/01/2	2026								
97	3209209	7-Cut	17.0	6112 - Lowland Aspen	5	85	81-110	Harvest	Clearcut	6112 - Lowland Aspen	Planting Record	No
Preso Spec				ich meet 2.2 - Utilizat black cherry.	ion. Reser	ve all as	spen trees	greater than 24	inches in diameter	at breast height. Le	eave all cedar	r, hemlock,
Next: Treat	Step I ments:	Monitori	ng, Natu	ral Regen (Re-Invent	ory)							
Acce Rege		Aspen s	pecies, b	oalsam poplar, maple	, spruce, fi	ir, paper	birch, yell	ow birch, cedar,	hemlock, black ch	nerry.		
Other Comr	-	Drummi	ing logs v	vill be created natural	ly as reser	ve aspe	n trees wi	ndthrow. Winter	harvest recomme	nded. Wet road acc	ess and wet s	stand.
Cito (Condition											

Site Condition:

S t a						Kepoi	пз	i reatments		Compartmen Year of Entry		DNR	
n d	Treatme Name	nt Ac	res	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut	
98	32092098	-Cut	5.1	6113 - Lowland Maple	9	85	171- 200	Harvest	Shelterwood	6113 - Lowland Maple	Cutting Record	No	
Preso Spec				, sugar maple, asper and to 60-80 residua							naple over 22	inches dbh.	
Next Treat	Step M ments:	onitoring,	Natur	al Regen (Re-Invent	tory)								
Acce Rege		ed maple	, aspe	n, sugar maple, hem	nlock, ceda	ır, spruce	e, yellow b	oirch, black cherr	y, balsam fir, balsa	m poplar			
Other Comr	ment:	•		est recommended. In				· ·		I. No retention nee	eded due to si	mall size.	
Cito (-80 feet	per ac	re retention satisfies	BMP reco	mmenda	ations for	Deer Creek trout	t stream				
	Condition: osed Start	<u>Date:</u> 1	0/01/2	026									
100	32092100	-Cut	11.7	6113 - Lowland Maple	6	85	81-110	Harvest	Shelterwood	6113 - Lowland Maple	Cutting Record	No	
Preso Spec				, sugar maple, asper rea. In areas of the s							remove roug	hly half of	
Next Treat	Step M ments:	onitoring,	Natur	al Regen (Re-Invent	tory)								
Acce Rege	<u>ptable</u> <u>:n:</u> Re	ed maple	, yellov	w birch, sugar maple	e, aspen, sp	oruce, ce	edar, hem	lock, fir, balsam	poplar, paper birch	, black cherry.			
Other Comr				perform overstory re species and wildlife-							e production	while	
	Condition:												
	osed Start												
101	32092101	-Cut	4.6	4130 - Aspen	8	90	81-110	Harvest	Clearcut	413 - Aspen	Planting Record	No	
Preso Spec		ıt all sten	ns whi	ch meet 2.2 - utilizat	ion. Leave	all heml	ock, ceda	r, black cherry, a	and yellow birch.				
Next Treat	Step M ments:	onitoring,	Natur	al Regen (Intermedi	ate)								
Acce Rege	•	pen spe	cies, b	alsam poplar, fir, spi	ruce, cedai	r, red ma	aple, suga	r maple, hemloc	k, black cherry, par	oer birch, yellow bi	rch.		
Other Comr				commended. Acces blowdown between							due to small		
Site C	Condition:												
Dron	anad Ctart	10to 1	2/1/1/	വാദ								1	

Proposed Start Date: 10/01/2026

103 32092103-Cut 13.2 4119 - Mixed 100 111-Harvest Selection 411 - Northern Current No Northern Hardwoods 140 Hardwood

Prescription Single tree select stand to 70-90 basal area to encourage the development of northern hardwood regeneration. Cut all aspen, spruce, and fir. Place canopy gaps where release of existing regeneration is appropriate. Favor retention of off-species such as wh Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

<u>Acceptable</u> Sugar maple, red maple, yellow birch, white spruce, white pine, hemlock, black cherry, basswood.

Regen: <u>Other</u>

Deer Wintering Complex and will require a winter cutting specification (12/1 to 3/31).

Comment:

Site Condition:

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Report 3 -- Treatments

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Compartment: 32092

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S t			-		 				Year of Entry	y: 2027	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
105	32092105-Cut	8.9	4112 - Maple, Beech, Cherry Association	9	85	111- 140	Harvest	Selection	411 - Northern Hardwood	Current	No
Preso Spec			stand to 70-90 base as where release of							aspen, spruce	, and fir.
	Step Monito	ring, Natura	al Regen (Re-Invent	ory)							
Acce Rege		aple, sugai	maple, yellow birch	n, basswoo	d, oak, v	vhite pine	, spruce, cedar, l	hemlock			
Othe		Vintering C	omplex and will requ	uire a winte	r cutting	specifica	tion (12/1 to 3/31	1).			
Site (Condition:										
Prop	osed Start Date	<u>:</u> 10/01/20	026								
109	32092109-Cut	8.5	6118 - Lowland Deciduous with Cedar	5	85	111- 140	Harvest	Seed Tree	6118 - Lowland Deciduous with Cedar	Planting Record	No
Preso			ble trees as defined area of healthy pap							with green pa	int. Reserve
	<u>Step</u> Monito tments:	ring, Natura	al Regen (Re-Invent	ory); Seed	ling, Oth	er - Spec	ify				
Acce Rege		birch, red n	naple, aspen, spruce	e, fir, sugar	maple,	yellow bir	ch, basswood, co	edar, hemlock, che	erry, balsam poplar	, white pine	
Othe Com	<u>r</u> ment:										
Site (Condition:										
Prop	osed Start Date	<u>:</u> 10/01/20	026								

112 32092112-Cut	18.5	6119 - Mixed	9	126	111-	Harvest	Shelterwood	6119 - Mixed	Planting	No
	L	owland Deciduous			140			Lowland	Record	
		Forest						Deciduous Forest		

Prescription Cut all stems which meet 2.2 utilization except leave all cedar, hemlock, yellow birch, and black ash. Reserve mark from remainder of stems to Specs: 40-60 basal area, favoring retention of wildlife quality (cavity) red maple. Basal area should be left lower tha

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Red maple, balsam poplar, cedar, yellow birch, black cherry, paper birch, aspen species, balsam fir, spruce, sugar maple.

Regen:

<u>Other</u> Comment:

Site Condition: Survey Needed Proposed Start Date: 10/01/2026 Gwinn Mgt. Unit Report 3 -- Treatments

nents Compartment: 32092 Year of Entry: 2027

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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
113	32092113-Cut	8.4	6118 - Lowland Deciduous with Cedar	6	126	81-110	Harvest	Seed Tree	6118 - Lowland Deciduous with Cedar	Planting Record	No
Pres Spec			to 2" dbh, except re birch and red maple		,		,		0 1	oaint. Green tro	ee mark 10
	Step Monito	ring, Natur	al Regen (Re-Inven	tory)							

Treatments:

Acceptable Paper birch, aspen, balsam poplar, fir, spruce, hemlock, cedar, maple, yellow birch

Regen:

s

Other Comment: Site Condition:

Proposed Start Date: 10/01/2026

Approved Treatments:

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16 3209201	16.22_	4.9	4 i i z - iviapie,	O	90	141-	narvest	Selection	411 - Northern	Current	INO
Cu	rt _		Beech, Cherry			170			Hardwood		
			Association								
Prescription S	Selectively	mark ir	dividual trees for	harvest to pr	omote an	uneven	aged stand structur	e. Residual ba	sal area should be b	etween 80 to	90 square

111

Specs: feet. Emphasis will be on improving the timber quality and productivity of the stand by releasing future crop tr

Next Step Monitoring, Natural Regen (Re-Inventory)

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Treatments:

Acceptable Maple, birch, black cherry, hemlock, and basswood.

Regen:

Other Comment:

Site Condition:

Proposed Start Date: 10/01/2016

18 3	2092018.18_	15.9	4112 - Maple,	6	90	81-110	Harvest	Selection	411 - Northern	Current	No
	Cut		Beech, Cherry						Hardwood		
			Association								

Prescription Selectively mark individual trees for harvest to promote an uneven aged stand structure. Residual basal area should be between 80 to 90 square feet. Emphasis will be on improving the timber quality and productivity of the stand by releasing future crop tr

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Maple, birch, basswood, black cherry, and hemlock.

Regen:

Other Comment:

Site Condition:

Report 3 -- Treatments

Compartment: 32092

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a n d	Treatn Nam		Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habita Cut
40	320920 C		31.8	6123 - Lowland Fir	9	62	81-110	Harvest	Clearcut	42340 - Upland Spruce/Fir	Planting Record	No
Preso Spec				oine, yellow birch, ce de which will contribu						achieve proper re	serves. There	e are
Next :	Step ments:	Monitori	ng, Natura	al Regen (Re-Invento	ory)							
Acce Rege	•	Fir, spru	ce, maple	e, birch, aspen, balsa	m poplar,	cedar, h	nemlock, v	vhite pine, and b	lack cherry.			
Other Comr	-	Winter h	narvest on	ly - deer wintering co	mplex are	ea.						
Site C	Condition	<u>ı:</u>										
Propo	osed Sta	rt Date:	10/01/20)15								
54	320920	54-Cut	59.34	319 - Mixed Upland Forest	0	3	Immatu re	Harvest	Clearcut	4319 - Mixed Upland Forest	Planting Record	No
Preso Spec			, ,	oine, yellow birch, ce de which will contribu	,			`	0 / 0 1	,	per reserves	. There are
Next : Treat	Step ments:	Monitori	ng, Natura	al Regen (Re-Invento	ory)							
Acce _l Rege		Fir, spru	ce, maple	e, birch, white pine, b	alsam pop	olar, asp	en, cedar,	and hemlock.				
Other Comr	-	Winter h	narvest on	ly - deer wintering co	mplex are	ea.						
Site C	Condition	<u>1:</u>										
Propo	osed Sta	rt Date:	10/01/20)16								
57	320920 C		20.5	4112 - Maple, Beech, Cherry Association	9	95	81-110	Harvest	Selection	411 - Northern Hardwood	Current	No
Preso				ndividual trees for hall be on improving th							between 80 t	o 90 square
	Step ments:	Monitori	ng, Natura	al Regen (Re-Invento	ory)							
Acce _l Rege		Maple, I	oirch, bass	swood, and black ch	erry.							
Other Comr	_											
Site C	Condition	<u>ı:</u>										
Propo	osed Sta	rt Date:	10/01/20	016								
75	320920 C		4.5	6139 - Mixed Lowland Forest	4	70	1-50	Harvest	Shelterwood	4113 - R.Maple, Conifer	Planting Record	No
Preso				ea should be betwee basal area. Quality							poorly space	ed trees to
Next :	Step ments:	Monitori	ng, Natura	al Regen (Re-Invento	ory)							
Acce _l Rege		Maple, t	oirch, bass	swood, aspen, white	pine, fir, h	emlock,	spruce, a	nd cedar				
Other Comr	[Retentio	n patches	should include olde	r, larger as	spen wit	hin. Winte	er harvest only -	deer wintering com	plex area.		

Proposed Start Date: 10/01/2015

Site Condition:

Gwinn Mgt. Unit

Report 3 -- Treatments

Compartment: 32092 Year of Entry: 2027

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S t									Year of Entry	y: 2027	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
64	32092064.23 Cut	9.7	4110 - Sugar Maple Association	6	90	111- 140	Harvest	Selection	411 - Northern Hardwood	Planting Record	No
Pres Spec			individual trees for ha ill be on improving th							between 80 t	o 90 square
	: <u>Step</u> Moni <u>tments:</u>	toring, Natur	al Regen (Re-Invento	ory)							
Acce Rege		e, birch, blac	ck cherry, and bassw	bood							
Othe Com	e <u>r</u> nment:										
Site	Condition:										
Prop	osed Start Da	te: 10/01/20	016								
75	32092082.15 Cut	6.5	6139 - Mixed Lowland Forest	4	70	1-50	Harvest	Shelterwood	4319 - Mixed Upland Forest	Planting Record	No
Pres Spec			pine, yellow birch, ce hite birch along road							per reserves	. Leave
	<u>Step</u> Moni tments:	toring, Natur	al Regen (Re-Invento	ory)							
Acce Rege		e, aspen, fir,	and spruce.								
Othe Com	e <u>r</u> Stan nment:	d extends into	o Delta county and s	hould be h	arvested	d there as	well to salvage t	fir. Winter harvest	only - deer winteri	ng complex a	area.
Site	Condition:										

Total Treatment Acreage Proposed: 605.6

Gwinn Mgt. Unit

Compartment: 92 Year of Entry: 2027



Sean Fischer: Examiner

	-	Managemer												
Total	Acres	Acres Avail	Acres	De	omina	nt Site	e Con	dition	S					
Acres	Available	With Condition	Not Available		2B	21	5B	5C	2G	2H	3H	3J	5A	5E
320	320	0	0	Aspen										
1	1	0	0	Bog										
788	54	0	734	Cedar					488		151	95		
1	1	0	0	Herbaceous Openland										
108	100	4	3	Lowland Aspen/Balsam Poplar			4					1		2
87	56	0	31	Lowland Conifers					23				7	
153	67	19	68	Lowland Deciduous		19			37			27		5
129	9	0	121	Lowland Mixed Forest					90			30		1
103	77	0	26	Lowland Shrub							11	15		
11	11	0	0	Lowland Spruce/Fir										
3	3	0	0	Marsh										
1	0	0	1	Mixed Upland Deciduous					0			1		
578	460	71	48	Northern Hardwood	12	54		5		46				2
24	0	0	24	Upland Conifers								24		
61	61	0	0	Upland Mixed Forest										
6	6	0	0	Water										
2,376	1,226	94	1,056	Total Forested Acres	12	73	4	5	638	46	162	193	7	10
	52%	4%	44%	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.

obstacle (e.g. upland	Site Dominant Site No. Cond Availabili		Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
Stand in a lowished area)	1 Unavailable	2 . 2	7	Unspecified	Unspecified	Unspecified	Unspecified

Gwinn Mgt. Unit Sean Fischer: Examiner



2	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	117	5A: Not able to obtain desirable regeneration	Unspecified	Unspecified	Unspecified
	Comments: Very wet cedar swa	amp with hardwood islands and	areas	of blowdown			
3	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	11	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
4	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	33	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
5	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	15	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: 300ft BMP buffer o	f stand from Deer Creek becau	se aspe	en and balsam poplar exist	in overstory		
6	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	8	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
7	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Long term retention	n of parent F9 stand from East I	₋ime Sa	ale			

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8	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	104	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
(Comments:						
9	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	6	Unspecified	Unspecified	Unspecified	Unspecified
(Comments:						
10	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
(Comments:						
11	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	45	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Cedar stand. Adjad	cent upland fir stand being harv	ested.				
12	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	17	Unspecified	Unspecified	Unspecified	Unspecified
(Comments:						
13	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	13	Unspecified	Unspecified	Unspecified	Unspecified
(Comments:						

Gwinn Mgt. Unit

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14	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: .ong term retention	n of parent UM9 stand from Eas	st Lime	Sale			
15	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: .ong term retention	n of parent UM9 stand from Eas	st Lime	Sale			
16	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	10	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
17	Unavailable	3G: Other influence zones - See comments	0	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Broad-winged haw	k nest 66 ft buffer					
18	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	3	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
C	Comments:						
19	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	6	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						

Gwinn Mgt. Unit

Sean Fischer: Examiner



20	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	123	Unspecified	Unspecified	Unspecified	Unspecified					
	Comments: BMP buffer of Wer	ner Creek and several small int	ermittent	stream tributaries of We	erner Creek							
21	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	4	Unspecified	Unspecified	Unspecified	Unspecified					
	Comments: Edge of marsh											
22	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	1	Unspecified	Unspecified	Unspecified	Unspecified					
	Comments:											
23	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified					
	Comments: Birch stand retention	on										
24	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	19	Unspecified	Unspecified	Unspecified	Unspecified					
	Comments:											
25	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	35	Unspecified	Unspecified	Unspecified	Unspecified					
	Comments: Mostly dead ash and cedar. Soils appear to be saturated much of the year.											

Gwinn Mgt. Unit Sean Fischer: Examiner



26	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	73	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
27	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	10	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
	Upland stand in lov	vland area, blocked by creek to	the so	uth			
28	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	9	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Upland stand in a l	owland area. Cedar type to the	north i	s too wet to cross, even thi	rough old railroad grade.		
29	Unavailable	5E: Long-Term Retention	2	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
	Comments:						
30	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	3	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Too wet						

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Compartment: 92 Year of Entry: 2027 Sean Fischer: Examiner



31	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	20	2E: Road needed	2B: Unknown if access through adjacent landowner(s) is possible	Unspecified	Unspecified
		harvest. Would need road buil from north portion of stand to s				reek would need to be larg	er than portable bridge,
32	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	1	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: wet pocket						
33	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	10	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
34	Available	5B: Maintain for regeneration purposes	4	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Condition of stand	is such that it is regenerating o	n it's ow	n.			
35	Available	2I: Survey needed	7	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
36	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Low basal area bird	ch					

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38	Available	2I: Survey needed	9	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
39	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	1	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Approximate buffer	for BMPs of small intermittent	stream				
40	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Retention on far sid	de of ash swale					
41	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	4	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
42	Available	2I: Survey needed	19	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: No corner found in	northwest or southwest parts o	f stand, o	ld blue line seen in soutl	n part of stand.		
43	Available	2l: Survey needed	11	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Neither corner four	nd. Old flagging at approximate	corner lo	cation found in southwes	st part of stand.		
44	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	85	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						

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45	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	55	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
46	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	0	5E: Long-Term Retention	Unspecified	Unspecified	Unspecified
	Comments: .ong term retention	n within 300ft BMP buffer of De	er Cree	ek			
47	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	4	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
	Comments: BMP buffer of Deer	Creek (300ft) because of bals	sam pop	olar in stand overstory			
48	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	138	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
49	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	9	5A: Not able to obtain desirable regeneration	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified
	Comments: BMP buffer of Deer	Creek trout stream 300ft. Ver	y wet ce	edar swamp with hardwood	islands and areas of blowdo	own	
50	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	2	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						

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51	Unavailable	3B: Threatened, endangered, and special concern species	2	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
52	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	14	2B: Unknown if access through adjacent landowner(s) is possible	Unspecified	Unspecified	Unspecified
C	Comments:						
53	Available	2B: Unknown if access through adjacent landowner(s) is possible	4	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
54	Available	2B: Unknown if access through adjacent landowner(s) is possible	1	2l: Survey needed	Unspecified	Unspecified	Unspecified
С	Comments:						
55	Unavailable	5A: Not able to obtain desirable regeneration	7	2I: Survey needed	2B: Unknown if access through adjacent landowner(s) is possible	Unspecified	Unspecified
C	Comments:						

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Unspecified
Unspecified Unspecified Unspecified Unspecified Unspecified Unspecified
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62	Available	2B: Unknown if access through adjacent landowner(s) is possible	6	Unspecified	Unspecified	Unspecified	Unspecified
С	omments:						
63	Unavailable	5E: Long-Term Retention	1	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
С	comments:						

Mgt. Unit Compartment: #Type!
Year of Entry:

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
Comments				

8 90

Compartment: 92 Year of Entry: 2027

Stand	Level 4 Co	over Type		Size De	ensity	Acres Stand Age	BA Range	Managed Site		General Comments		
1	4110 - Sugar M	•		Poletim		28.1 85	81-110	N/A	4	(Remote call) Fairly good timber quality stand. Stand select cut in December and January of 1999 and 2000.SF 2025: Good quality		
	Canopy Species	% Cover	Size Class	DBI	H Age	Sub-Canopy Species	Density	Avg. Height	Size	even-aged NHW log stand heavy to sugar maple. Stand is divided by a		
	Sugar Maple	73		16	85	Balsam Fir	Low	5 - 10 feet	5 - 10 feet	drainage running NW to SE, but this could be frozen and crossed. East		
	Basswood	12		18	85	Yellow Birch	Trace	10 - 20 feet	10 - 20 feet	portion of stand is lower BA (95 average) has excellent, full crop of free to grow, acceptable growing stock maple saplings. West portion of		
	Balsam Fir	5	Seedling	7	25	Leatherwood	Medium	5 - 10 feet	5 - 10 feet	to grow, acceptable growing stock maple sapings. West portion of stand has higher BA (110 average) with low stocking of maple		
	Yellow Birch	10		15		Ironwood	Medium	10 - 20 feet	10 - 20 feet	saplings, many of which are poor quality. Understory is open in the west		
						Sugar Maple	High	10 - 20 feet	10 - 20 feet	part, with more ironwood and leatherleaf.		
2	6120 - Lov	vland Ceda	r F	Poletimbe	r Mediun	n 83.1 126	51-80	N/A	4	Many vernal ponds. SF 2025: Very wet stand. Variable basal area		
	Canopy Species	% Cover	Size Class	DBI	H Age	Sub-Canopy Species	Density	Avg. Height	Size	and composition. Mostly a cedar-dominated lowland mixed cover type with small patches of poor-quality hardwoods and aspen. Stand has a		
	Paper Birch	10	Seedling	9		Balsam Fir	Low	5 - 10 feet	5 - 10 feet	roughly 50% canopy cover, with gaps occupied by tag alder or		
	Black Ash	6	Seedling	5			,			regenerating after fir mortality. Pockets of semi-upland hardwoods exist		
	Black Spruce	6		10						throughout the stand, but are small (<1 acre) and are separated by wide tag alder and cedar swales. Did not find vernal pools.		
	Balsam Fir	6	Seedling	6						tag alder and ecdar swales. Did not find vernal pools.		
	Quaking Aspen	6	Seedling	9								
	Yellow Birch	6		8								
No	orthern White Cedar	50		9	126							
	Red Maple	10	Seedling	7								
3	4110 - Sugar M	•		Sawtimb		66.5 95	111-140	N/A		Harvested in 2001 under permit #32-029-97-01.SF 2025: Good quality northern hardwood in the pole to log size class. Stand is heavy to		
	Canopy Species		Size Class		H Age	Sub-Canopy Species		Avg. Height	Size	sugar maple. Ironwood is outcompeting maple regeneration. Pockets of		
	Yellow Birch	1 =0		11		Leatherwood	Low	< 5 feet	< 5 feet	well-stocked, acceptable growing stock, advance maple regeneration within.		
	Sugar Maple	70		13	95	Balsam Fir	Trace	< 5 feet	< 5 feet	WILLIEF.		
	Black Cherry	2		18	95	White Spruce	Low	Variable	Variable			
	Sugar Maple	10		25	160	Maple (spp.)	Full	Variable	Variable			
	Quaking Aspen	2		18		Black Cherry	Medium	Variable	Variable			
	Red Maple	10		13	95	Ironwood	Medium	Variable	Variable			
	Basswood	5		12	95	Black Ash	Low	10 - 20 feet	10 - 20 feet			
						Blackberry/Raspberry		< 5 feet	< 5 feet			
						Maple (spp.)	Full	< 5 feet	< 5 feet			
4	4112 - Maple, Beec	h, Cherry A	ssociation	Poletim	oer Well	10.6 90	81-110	N/A	4	Raspberry present. Herbaceous groundcover is spring beauties and trout lilies. Patches of heavy ironwood regeneration. Yellow birch, cedar,		
	Canopy Species	% Cover	Size Class	DBI	H Age	Sub-Canopy Species	Density	Avg. Height	Size	and white spruce are infrequent overstory associates. White pine		
	Yellow Birch	3		7		Balsam Fir	Low	5 - 10 feet	5 - 10 feet	saplings found. Was cut in in 2002 under permit #32-029-97-01.SF		
	Basswood	5		12		Maple (spp.)	Medium	10 - 20 feet	10 - 20 feet	2025: Okay-quality northern hardwoods pole stand. Uneven-aged structure. Where canopy gaps exist there is great advance maple		
	White Pine	1		23		Ironwood	Medium	10 - 20 feet	10 - 20 feet	regeneration. Average BA around 100.		
	Balsam Fir	2	Sapling	5		White Spruce	Low	5 - 10 feet	5 - 10 feet			
	Black Ash	1	Seedling			Maple (spp.)	Full	< 5 feet	< 5 feet			
No	orthern White Cedar	5	Seedling	7								
	White Spruce	2		10								
	Red Maple	20	Seedling	8								
1		0.4		_								

61

Sugar Maple



Stand	Level 4 Co	over Type		Size Density	Acres	Stand Age B	A Range	Managed S	ite	General Comments		
5	4112 - Maple, Beed	ch, Cherry A	Association	Poletimber Well	7.0	90	111-140	N/A	\	This stand is inaccessible due to the adjacent swamps, private proper		
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	and Werner Creek.SF 2025: Dense northern hardwood pole stand heavy to red maple. Small stand, blocked by streams and wet ground		
	Red Maple	60		9 90	Re	ed Maple	Low	10 - 20 feet	10 - 20 feet	all sides.		
No	orthern White Cedar	5		8					1	1		
	Sugar Maple	20		9 90								
	Balsam Fir	10	Seedling	8								
	Black Cherry	1		12								
	Yellow Birch	1		12								
	Paper Birch	3		10								
6	6120 - Lov	wland Ceda	ar	Poletimber Well	46.1	126	141-170	N/A	١	Very wet substrate.SF 2025: Variable lowland stand containing nostly cedar poles. Black ash is mixed in throughout, mostly dead or		
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	dying. Basal area varies between 100 and 200.		
	Balsam Fir	5	Seedling	5	BI	ack Ash	Low	Variable	Variable	, 3		
	Paper Birch	5	Seedling	5	Ta	ag Alder	Low	5 - 10 feet	5 - 10 feet			
	Yellow Birch	2		10	Ma	ple (spp.)	Low	Variable	Variable			
No	rthern White Cedar	67		7 126	S	Sedges	High	Not Applicable	Not Applicable			
	Black Ash	10	Sapling	6	Northern	n White Cedar	Trace	Variable	Variable			
	Red Maple	6	Seedling	6	Ва	ılsam Fir	Medium	Variable	Variable			
	Quaking Aspen	5	Seedling	8			·			-		
7	4130	- Aspen		Sapling Well	64.5	14 I	mmature	N/A	1	Harvested in winter of 2010/2011 under contract # 026-07-01. White birch saplings found. SF 2025: Well stocked aspen stand. Infrequent		
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	patches of poor stocking in low ground areas. Road is flooded in		
	Balsam Fir	1	Seedling	5 14	Whi	te Spruce	Low	Variable	Variable	several spots.		
	Quaking Aspen	72	Log	3 14	Ta	ag Alder	Low	5 - 10 feet	5 - 10 feet			
	Black Cherry	6	Log	3 14	Pa	per Birch	Trace	Variable	Variable			
No	orthern White Cedar	2		8	Ва	alsam Fir	Low	< 5 feet	< 5 feet	*		
	White Spruce	1	Sapling	5 14					1	4		
	Red Maple	8	Log	2 14								
	Balsam Poplar	10	Log	3 14								
8	6122 - Bl	ack Spruce	e	Poletimber Well	1.3	75	51-80	N/A	١	Retention patch from surrounding overstory removal.		

Gwinn Mgt. Unit Report 7 – Stands

Compartment: 92 Year of Entry: 2027 DNR MICHIGAN

Stand	Level 4 C	over Type		Size De	Size Density Acres Stand Age BA Range Managed Site		ite	General Comments						
9	6117 - Lowland Con	Deciduous iferous	, Mixed S	Sawtimber	Medium	13.5 126	8	1-110	N/A	1	SF 2025: Small pockets of hardwood in between swales. Legacy red maple, yellow birch, and hemlock trees within. Multiple E/W arranged			
(Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Sp	ecies	Density	Avg. Height	Size	wet swales. Canopy falling apart.			
(Quaking Aspen	1		22		Maple (spp.))	Low	10 - 20 feet	10 - 20 feet				
	Black Cherry	1	Seedling	8		Black Ash		Low	Variable	Variable				
	Hemlock	15		12	126	Balsam Fir		Low	Variable	Variable				
	Sugar Maple	10	Seedling	7		White Spruce	Э	Low	Variable	Variable				
Nort	thern White Cedar	15		14		Hazelnut (Spp	o.)	Low	5 - 10 feet	5 - 10 feet				
	Balsam Fir	2	Seedling	5							-			
	Red Maple	49		17	126									
	Yellow Birch	7		22										
10	6120 - Lo	wland Ceda	ar	Poletimb	er Well	6.3 85	11	11-140	N/A	Λ.	SF 2025: highly variable lowland mixed stand. Large component of			
(Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Sp	ecies	Density	Avg. Height	Size	cedar. Many swales.			
	Hemlock	1		12		White Spruce	Э	Trace	Variable	Variable				
(Quaking Aspen	5		20		Balsam Fir		Low	Variable	Variable				
	Balsam Fir	5	Sapling	5		Black Ash		Low	5 - 10 feet	5 - 10 feet				
	Black Ash	10	Seedling	7		Tag Alder		Medium	5 - 10 feet	5 - 10 feet				
	Paper Birch	5	Seedling	7		Maple (spp.))	Low	Variable	Variable				
Nort	thern White Cedar	55		10	85									
	Red Maple	15	Seedling	7										
	White Spruce	4	Seedling	6										
11	6220 - A	lder/Willow	,	Nor	ne	7.8			No)	Contains stream. Stream dammed by beavers multiple times.			
						Sub-Canopy Sp	ecies	Density	Avg. Height	Size				
						Northern White C	edar	Low	>20 feet	>20 feet				
						Balsam Popla	ar	Low	>20 feet	>20 feet				
						American Eln	n	Trace	>20 feet	>20 feet				
						Tag Alder		High	5 - 10 feet	5 - 10 feet				
						Red Maple		Low	>20 feet	>20 feet				
12	4119 - Mixed No	orthern Har	dwoods	Sawtimb	er Well	1.3 126	8	1-110	N/A	٨	SF 2025: Small pocket of hardwood in between swales. Legacy red			
(Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Sp	ecies	Density	Avg. Height	Size	maple, yellow birch, and hemlock trees within. Recommend leaving for wildlife.			
	Hemlock	7		12	126	Balsam Fir		Low	Variable	Variable				
(Quaking Aspen	1		22		White Spruce	9	Low	Variable	Variable				
	Sugar Maple	10	Seedling	7										
Nort	thern White Cedar	8		14	126									
	Red Maple	65		17	126									
	Yellow Birch	7		22	126									
	Balsam Fir	2	Seedling	5										



Stand	Stand Level 4 Cover			Size De	nsity	Acres Stand	Age BAF	Range	Managed S	Site	General Comments		
13	6230	- Cattail		Nor	е	3.0			No)	Wet drain, seasonal flooding.		
						Sub-Canopy Sp	ecies [Density	Avg. Height	Size	€		
						Mixed Sedges/Gr	asses	Medium	Not Applicable	Not Applicable			
						Cattail spp.		Low	Not Applicable	Not Applicable			
						Tag Alder		Medium	5 - 10 feet	5 - 10 feet			
14	4130	- Aspen		Sapling	Well	90.4 14	lmm	nature	N//	A	Fully stocked. Harvested under contract #026-07-01. SF 2025: Well		
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Sp	ecies [Density	Avg. Height	Size	stocked aspen stand. Infrequent patches of poor stocking in low ground areas. Road is flooded in several spots.		
	Quaking Aspen	73	Log	3	14	Balsam Fir		Low	< 5 feet	< 5 feet	areas. I toda is needed in several spece.		
	Black Cherry	6	Log	3	14	White Spruce	е	Low	Variable	Variable			
	Black Cherry	2		8	14	Northern White C	Cedar	Trace	< 5 feet	< 5 feet			
	Balsam Fir	1	Seedling	5	14	Tag Alder		Low	5 - 10 feet	5 - 10 feet			
	Red Maple	5	Log	2	14		,						
	Balsam Poplar	10	Log	3	14								
	White Spruce	1	Sapling	5	14								
No	rthern White Cedar	2		8									
15	4110 - Sugar M	•		Sawtimb	er Well	87.8 100	81	-110	N//	A	Some sedge. Not seeing a lot of sugar maple regeneration. Will need to check again in another year. Patches of raspberry. Basswood		
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Sp	ecies [Density	Avg. Height	Size	uncommon overstory associate. White spruce saplings found.		
	Yellow Birch	2		15		Ironwood		Low	< 5 feet	< 5 feet	Transitions to more of a poletimber-sized stand to south. Was cut in		
	Red Maple	12		17		Leatherwood	b	Medium	< 5 feet	< 5 feet	1991 under permit #32-025-88-2. Harvested again in 2008 under perm #32-028-07-01. SF 2025: Good quality northern hardwoods stand		
	Sugar Maple	75		14	100	Maple (spp.))	High	< 5 feet	< 5 feet	heavy to sugar maple with closed canopy. Most of maple saplings		
	Basswood	8		16		Sugar Maple	9	Low	5 - 10 feet	5 - 10 feet	present are unacceptable growing stock.		
	White Spruce	1	Seedling	8									
	Black Cherry	2		11									
16	4112 - Maple, Beec	h, Cherry A	Association	Poletimb	er Well	5.3 90	141	1-170	N//	A	Trout lily and clubmoss present. Patches of F3 understory. White pine		
	Canopy Species	% Cover	Size Class		Age	Sub-Canopy Sp	ecies [Density	Avg. Height	Size	saplings found. White spruce and cedar are uncommon overstory associates. SF 2025: Stand not yet harvested, but is on contract		
	Hemlock	5		14		White Spruce	е	Low	5 - 10 feet	5 - 10 feet	"East Lime" 32-004-17 (2). Well stocked northern hardwood log stand.		
	Sugar Maple	59		12	90	Hemlock		Low	>20 feet	>20 feet	Maple and yellow birch saplings within are acceptable growing stock an free to grow.		
	White Spruce	1		12		Sugar Maple)	Medium	< 5 feet	< 5 feet	niee to grow.		
	Yellow Birch	3		16		Black Cherry	/	Low	5 - 10 feet	5 - 10 feet			
	Black Cherry	2		12		Balsam Fir		Low	5 - 10 feet	5 - 10 feet			
	Red Maple	30		14	90	Red Maple		Medium	10 - 20 feet	10 - 20 feet			
17	6220 - A	lder/Willow		Nor	е	44.6			No	o	Beaver flooded area. Cattails. Snags within. Sandhill cranes seen.		
						Sub-Canopy Sp	ecies [Density	Avg. Height	Size			
						Northern White C	Cedar	Low	>20 feet	>20 feet			
						Cattail spp.		Medium	Not Applicable	Not Applicable			

Report 7 - Stands

DNR DNR

Compartment: 92 Year of Entry: 2027

Stand	d Level 4 C	over Type		Size De	nsity	Acres Stand Age I	BA Range	Managed S	ite	General Comments
18	4112 - Maple, Beed	ch, Cherry A	Association	Poletimb	er Well	15.9 90	81-110	N/A	4	Patches of M3 greater than 10 feet tall. Clubmoss predominant
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	groundcover. White spruce and black cherry are infrequent overstory components. White spruce saplings present. Harvested in 1998 under
	Basswood	2		17		Yellow Birch	Trace	10 - 20 feet	10 - 20 feet	contract # 034-97-01. SF 2025: Log size northern hardwood stand
	Sugar Maple	60		11	90	White Spruce	Trace	10 - 20 feet	10 - 20 feet	with okay to good quality. Currently part of "East Lime" timber sale, 32-
	Black Cherry	2		12		Ironwood	Medium	10 - 20 feet	10 - 20 feet	004-17 (2). Not yet harvested. Large drainage runs through center of stand.
	Black Ash	1		10		Sugar Maple	Medium	10 - 20 feet	10 - 20 feet	otaria.
	Red Maple	22		11	90	Balsam Fir	Low	5 - 10 feet	5 - 10 feet	*
	Hemlock	3		17		Sugar Maple	High	< 5 feet	< 5 feet	
	Bigtooth Aspen	1		13			· ·	1		•
No	orthern White Cedar	1		9						
	Yellow Birch	7		20						
	Paper Birch	1	Seedling	9						
19	4110 - Sugar N	Maple Assoc	ciation	Poletimb	er Well	20.4 85	171-200	N/A	A	SF 2025: Dense, good quality, log-size northern hardwood stand heavy to sugar maple. Log and pole sized trees have good sawtimber
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	to sugar maple. Log and pole sized trees have good sawtimber potential.
	Black Cherry	5		15		White Spruce	Low	5 - 10 feet	5 - 10 feet	
	Basswood	5		17		Sugar Maple	Medium	10 - 20 feet	10 - 20 feet	
	White Spruce	1		9		Ironwood	High	10 - 20 feet	10 - 20 feet	
	Red Maple	5		12		Maple (spp.)	Full	< 5 feet	< 5 feet	
	Hemlock	2		14						
	Yellow Birch	2		12						
	Sugar Maple	80		14	85					
20	4110 - Sugar N	Maple Assoc	ciation	Sawtimb	er Well	36.2 92	111-140	N/A	A	Harvested in winter of 2010/2011 under contract #026-07-01. Some cherry in overstory.SF 2025: Good to okay quality northern
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	hardwood stand heavy to sugar maple. Legacy trees within stand.
	Sugar Maple	10		25	150	Blackberry/Raspberry	Low	< 5 feet	< 5 feet	Intermittent stream found under the snow in the northernmost finger tip
	Quaking Aspen	2		18		Sugar Maple	Full	Variable	Variable	of stand; stand was BMP site conditioned north of this stream.
	Black Cherry	2		18		Leatherwood	Low	< 5 feet	< 5 feet	
	Red Maple	10		13		Black Ash	Low	5 - 10 feet	5 - 10 feet	
	Yellow Birch	1		11		Ironwood	Medium	Variable	Variable	
	Basswood	5		12		White Spruce	Low	Variable	Variable	
	Sugar Maple	70		13	92	Maple (spp.)	Full	< 5 feet	< 5 feet	

High

Trace

Variable

< 5 feet

Variable

< 5 feet

Black Cherry

Balsam Fir

Compartment: 92

	Gwinn Mgt. Unit		·								Year of Entry: 2027
Stand	I Level 4 Cover Type Size D		Size De	nsity	Acres	Stand Age E	BA Range	Managed S	Site	General Comments	
21	4119 - Mixed No	orthern Hard	dwoods	Poletimb	er Well	ell 21.4	85	81-110	N/A	A	SF 2025: Poor Quality northern hardwoods poles stand with very diverse
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	mix of species. Cedar in pockets
	Balsam Poplar	2	Seedling	7		Blac	ck Cherry	Low	5 - 10 feet	5 - 10 feet	
	Tamarack	1	Seedling	8		Bla	ack Ash	Trace	5 - 10 feet	5 - 10 feet	
	White Pine	1		18		Re	d Maple	Low	>20 feet	>20 feet	
	Sugar Maple	35		9	85	Irc	onwood	Low	10 - 20 feet	10 - 20 feet	
	Paper Birch	4	Seedling	7		Та	g Alder	Low	5 - 10 feet	5 - 10 feet	
	Yellow Birch	1		12		Ва	lsam Fir	Full	Variable	Variable	
	Red Maple	35		9	85	Blac	k Spruce	Trace	< 5 feet	< 5 feet	
	Balsam Fir	8	Sapling	5		Quak	ing Aspen	Medium	>20 feet	>20 feet	
No	orthern White Cedar	2		11							1
	Bigtooth Aspen	8	Sapling	5							
	Black Cherry	2		9							
	White Spruce	1		14							
22	4112 - Maple, Beed	ch, Cherry A	Association	Poletimb	er Well	2.7	85	141-170	N/A	4	SF 2025: Small, densely stocked northern hardwood stand heavy to red maple. Ok quality. Maple saplings are unacceptable growing stock.
	Canopy Species	% Cover	Size Class		Age	Sub-Ca	nopy Species		Avg. Height	Size	Thapie. On quality. Maple suprings are unacceptable growing stoom.
	Quaking Aspen	5		12			ole (spp.)	Medium	>20 feet	>20 feet	
	Yellow Birch	2	Seedling	7		Ва	Isam Fir	Low	Variable	Variable	
	Red Maple	65		7	85						
	White Spruce	5		11							
	Sugar Maple	20		8	85						
	Paper Birch	3		7							
23	4119 - Mixed No	orthern Hard	dwoods	Poletimb	er Well	9.1	85	81-110	N/A	4	Stand primarily comprised of sugar maple with lesser component of red
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	maple. No real access. Stand is surrounded by swamp, private land, and located between Deer Creek and Werner Creek. SF 2025:
	Hemlock	2		13		Ва	lsam Fir	Medium	5 - 10 feet	5 - 10 feet	Dense northern hardwood pole stand of poor to okay quality. North part
	Paper Birch	10		10		Мар	ole (spp.)	Medium	>20 feet	>20 feet	of stand is heavy to white birch poles with spruce and fir mixed in. Fire
	Sugar Maple	65		10	85	Whit	te Spruce	Low	< 5 feet	< 5 feet	scarring seen on old stumps in stand.
	White Spruce	5		12		Irc	onwood	Low	10 - 20 feet	10 - 20 feet	†
											4

24 6120 - Lo	wland Ceda	ar	Poletimber Well				
Canopy Species	% Cover	Size Class	DBH	Age			
Northern White Cedar	73		10	106			
Balsam Fir	7	Seedling	6				
Balsam Poplar	2		14				
Red Maple	3	Seedling	7				
Paper Birch	10	Seedling	8				

5

10

6

2

Seedling

Seedling

10

6

10

8

Maple (spp.)

I	145.9	106	171-200	N/A	
	Sub-Can	opy Species	Density	Avg. Height	Size
	Tag	Alder	Medium	5 - 10 feet	5 - 10 feet
	Bals	sam Fir	Medium	Variable	Variable

High

< 5 feet

< 5 feet

Cedar, fir, balsam poplar, and red maple form overstory. Very wet.SF 2025: Variable lowland cedar stand. Pockets of blowdown. Small pockets heavier to paper birch, with over 50% cedar mixed in. Contains areas of flooded cedar poles <5 inches at dbh. Also contains sub 2acre hardwood islands which are inaccessible.

Black Spruce

Red Maple

Balsam Fir

Northern White Cedar

Report 7 – Stands



Stand	Level 4 C	over Type		Size De	nsity	Acres	Stand Age B	A Range	Managed Site		General Comments
25	6120 - Lo	wland Ceda	ar	Poletimber Well 12.6 155 51-80 N/A		A	Elm, white pine, white spruce, black ash, and black spruce are				
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	uncommon overstory associates. White spruce saplings found. SF 2025: Lowland cedar stand with sub-1acre hardwood island within. Very
	Balsam Poplar	5		10		Ba	ılsam Fir	High	Variable	Variable	wet.
	Black Ash	5	Sapling	5		ВІ	ack Ash	Medium	Variable	Variable	
	Yellow Birch	13		12		Blad	ck Spruce	Trace	Variable	Variable	
No	rthern White Cedar	65		12	155						<u>-</u>
	White Spruce	2		13							
	Paper Birch	5	Seedling	7							
	Red Maple	5	Seedling	7							
26	6220 - A	lder/Willow		Noi	ne	24.6			No	0	Stream floodplain. Tag alder.
						Sub-Ca	nopy Species	Density	Avg. Height	Size	
						Ta	ag Alder	Medium	5 - 10 feet	5 - 10 feet	
27	4112 - Maple, Beed	ch, Cherry A	Association			18.5	95	201+	N/A	A	An upland "island" of good quality hardwoods surrounded by a very wet cedar swamp. Sugar maple, red maple, yellow birch, and black cherry
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	comprise overstory composition.SF 2025: Dense northern hardwood
	Sugar Maple	45		12	95	Whi	te Spruce	Low	Variable	Variable	stand heavy to red maple. Okay quality, could be improved through
	Paper Birch	2		11		Ba	ılsam Fir	Low	Variable	Variable	thinning. Mix of upland and lowland ground. Saplings are not acceptable
No	rthern White Cedar	2	Seedling	7		Ма	ple (spp.)	Low	5 - 10 feet	5 - 10 feet	growing stock.
	Yellow Birch	2		13							
	White Spruce	1		11							
	Balsam Fir	1	Seedling	6							
	Black Cherry	2		14							
	Red Maple	45		12	95						
28	6128 - Lowland Dec	Coniferous,	Mixed F	Poletimbe	Medium	n 2.0	126	51-80	N/A	A	SF 2025: Wet lowland mixed conifer stand. Small timber, canopy has mostly fallen apart.
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Balsam Fir	6	Seedling	5		Blad	ck Spruce	Medium	Variable	Variable	
	Black Spruce	35	Seedling	6	126	Ва	ılsam Fir	Medium	Variable	Variable	
	Quaking Aspen	6	Seedling			Re	ed Maple	Medium	Variable	Variable	
	Yellow Birch	6		16		Spha	gnum Moss	Full	Not Applicable	Not Applicabl	
No	rthern White Cedar	35		10				<u> </u>			
	Black Ash	6	Sapling	5							
	Red Maple	6	Seedling	5							



Stand	Level 4 C	over Type		Size De	nsity	Acres	Stand Age B	A Range	Managed Site		General Comments
29	6120 - Lo	20 - Lowland Cedar Poletimber Well 94.8 126 51-80 N/A		\	SF 2025: Wet lowland stand. Cedar, red maple, yellow birch and						
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	balsam poplar within.
No	rthern White Cedar	60		12	126	BI	ack Ash	Medium	Variable	Variable	
	Red Maple	5		10		Ва	lsam Fir	Medium	10 - 20 feet	10 - 20 feet	
	Quaking Aspen	5		16		Whi	te Spruce	Low	10 - 20 feet	10 - 20 feet	
	Yellow Birch	13		12							
	Black Ash	5	Seedling	5							
	Paper Birch	5	Seedling	7							
	White Spruce	2		13							
	Balsam Poplar	5		10							
30	4130	- Aspen		Poletimb	er Well	50.0	37	81-110	N/A	١	SF 2025: Good quality aspen pole stand, well stocked and growing well
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Black Cherry	3	Log	4		Lea	therwood	Medium	< 5 feet	< 5 feet	
	Quaking Aspen	60	Seedling	7	37	Whi	te Spruce	Low	5 - 10 feet	5 - 10 feet	
	Balsam Fir	5	Sapling	7		Ма	ple (spp.)	Medium	Variable	Variable	
	Paper Birch	2	Sapling	5		Ta	ag Alder	Low	5 - 10 feet	5 - 10 feet	
	Red Maple	5	Pole	3		Ва	lsam Fir	High	Variable	Variable	
	Bigtooth Aspen	10		11		BI	ack Ash	Low	5 - 10 feet	5 - 10 feet	
	Balsam Poplar	15	Seedling	6		Ire	onwood	Low	5 - 10 feet	5 - 10 feet	
31	4110 - Sugar N	Maple Assoc	ciation S	Sawtimber	Medium	n 10.4	90	81-110	N/A	٨	SF 2025: Good quality northern hardwood stand heavy to sugar maple.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	Many stems growing past economic maturity. Good maple regeneration
	Red Maple	10		16		Ire	onwood	Medium	Variable	Variable	Harvested 2021-2022. Sale #32-003-17 West Lime. Does not
	Basswood	10		18		Bla	ck Cherry	Low	Variable	Variable	appear that this stand was treated last time around. OPIC - FMD: Stand
	Sugar Maple	80		16	90	Suç	jar Maple	High	Variable	Variable	was treated in 1992. There is good maple regeneration is 10-15' tall. No the best quality.
32	4130	- Aspen		Poletimb	er Well	23.3	27	81-110	N/A	λ.	Fully stocked, vigorous stand. Sporadic red maple, sugar maple, and
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	white spruce poletimber-sized trees present. White spruce saplings found. Stand harvested in 1998, contract #32-034-97-01.SF 2025:
	Sugar Maple	2	Pole	4	27	Ва	lsam Fir	Medium	10 - 20 feet	10 - 20 feet	
	Balsam Poplar	5	Seedling	5		Re	d Maple	High	10 - 20 feet	10 - 20 feet	
	Balsam Fir	1	Sapling	5	27	Haze	elnut (Spp.)	Low	5 - 10 feet	5 - 10 feet	
	Red Maple	2	Pole	4	27	Whi	te Spruce	Trace	10 - 20 feet	10 - 20 feet	
	Quaking Aspen	80	Seedling	5	27	Bla	ck Cherry	Low	10 - 20 feet	10 - 20 feet	
	Bigtooth Aspen	10	Log	3	27			1	I.		1



Stand	Level 4 Co	over Type		Size Density Acres Stand Age BA Range Managed Site		Site	General Comments				
33	4130 -	4130 - Aspen Sapling Well 16.6 24 Immature N/A		Α	Cut in 2001 under permit #32-029-97-01.SF 2025: Well stocked						
C	Canopy Species	% Cover	Size Class	DB	H Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	aspen stand with maple and residual cedar poles.
В	Balsam Poplar	5	Log	3	24	Ва	alsam Fir	Medium	Variable	Variable	*
North	nern White Cedar	2	Seedling	8		Ta	ag Alder	Low	5 - 10 feet	5 - 10 feet	
	Paper Birch	1	Log	3	24	Iro	onwood	Low	Variable	Variable	*
	Sugar Maple	2	Pole	4	24	Blac	ck Cherry	Low	Variable	Variable	
	Red Maple	3	Pole	4	24						-
Q	uaking Aspen	87	Log	3	24						
34	6120 - Lov	vland Ceda	r	Poletim	ber Wel	12.9	89	81-110	N/	Ά	2016- was suppose to be treated with Gwinn sale to the north but
C	Canopy Species	% Cover	Size Class	DB	H Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	wasn't. contains a mix of spp. and high and low ground. OPIC - FMD: Heavier to cedar. Low area between A3 stand to the east and M6 to th
	Red Maple	10		10	89	Ва	ılsam Fir	Low	10 - 20 feet	10 - 20 feet	west.SF 2025: Cedar swamp with small sub-2acre hardwood ridge
North	nern White Cedar	65		13	89	Re	ed Maple	Low	10 - 20 feet	10 - 20 feet	at the far southern edge. Hardwood edge is inaccessible because of lov
	Paper Birch	5		10		Whi	te Spruce	Low	10 - 20 feet	10 - 20 feet	wet ground. Dead black ash within.
	Black Ash	5	Seedling	5							-
,	Yellow Birch	10		14							
	Balsam Fir	5	Seedling	5							
35	6120 - Lov	vland Ceda	r	Poletim	ber Wel	54.8	75 L	Inspecified	N/	Α	SF 2025: Low ground cedar stand with a mix of other deciduous
C	Canopy Species	% Cover	Size Class	DB	H Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	species. Canopy not fully closed, allowing tag alder to grow in patches. Higher density of small birch poles growing in south part of stand.
North	nern White Cedar	60	Seedling	7	75	Ва	ılsam Fir	Medium	Variable	Variable	
Q	uaking Aspen	1	Seedling	7		Blad	ck Spruce	Low	Variable	Variable	
	Black Ash	3	Sapling	5		Pa	per Birch	Low	Variable	Variable	
Е	Black Spruce	10	Seedling	7		BI	ack Ash	Medium	Variable	Variable	
	Red Maple	5	Seedling	6		Ta	ag Alder	High	5 - 10 feet	5 - 10 feet	
	Paper Birch	10	Seedling	5							
,	Yellow Birch	5		8							
В	Balsam Poplar	1	Seedling	7							
	Balsam Fir	5	Pole	4							
36	4130 -	- Aspen		Saplir	g Well	10.7	24	Immature	N/.	A	Cut in 2001 under permit #32-029-97-01.SF 2025: Well stocked
C	Canopy Species	% Cover	Size Class	DB	H Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	aspen stand with maple and residual cedar poles.
	Paper Birch	1	Log	3	24	Iro	onwood	Low	Variable	Variable	
Q	uaking Aspen	87	Log	3	24	Ta	ag Alder	Low	5 - 10 feet	5 - 10 feet	
В	Balsam Poplar	5	Log	3	24	Ва	lsam Fir	Medium	Variable	Variable	
	Red Maple	3	Pole	4	24	Blac	ck Cherry	Low	Variable	Variable	
(Sugar Maple	2	Pole	4	24						-
N.I. (I	nern White Cedar	2	Seedling	8							

Gwinn Mgt. Unit

Report 7 - Stands

Stand	Level 4 Co		Size De	nsity	Acres Stand Age B	A Range	Managed S	ite	General Comments	
37	4110 - Sugar N	•		Sawtimb			111-140	N/A		Hemlock and cedar are infrequent overstory associates.SF 2025: Good quality log size northern hardwood stand heavy to sugar maple.
	Canopy Species		Size Class		Age	Sub-Canopy Species	Density	Avg. Height	Size	Eastern edge of stand is wetter ground. Good maple regeneration of
	Red Maple	·		10 - 20 feet	10 - 20 feet	acceptable growing stock in high density throughout, especially within canopy gaps.				
	Sugar Maple Yellow Birch	4		14	95			10 - 20 feet	10 - 20 feet	dinopy gapo.
		1		13		Ironwood	Low	10 - 20 feet	10 - 20 feet	
	Hemlock	I		13		White Spruce	Trace Full	5 - 10 feet < 5 feet	5 - 10 feet < 5 feet	
						Maple (spp.) White Pine	Trace	10 - 20 feet	10 - 20 feet	
						Black Cherry			10 - 20 feet 10 - 20 feet	
						<u>*</u>	Low	10 - 20 feet		
						Maple (spp.)	High	10 - 20 feet	10 - 20 feet	
38	4112 - Maple, Beed	ch, Cherry A	Association S	Sawtimb	er Well	6.9 85	111-140	N/A	٨.	Stand harvested under permit # 030-97-01 in 2000. SF 2025: Okay to good quality northern hardwood stand with a good mix of northern
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	hardwood species. Basal area average is around 110, with patches
	Red Maple	45		13		Balsam Fir	Low	10 - 20 feet	10 - 20 feet	closer to 70.
	Black Cherry	3		13		Maple (spp.)	Full	< 5 feet	< 5 feet	
	Yellow Birch	2		18		White Spruce	Low	5 - 10 feet	5 - 10 feet	
	Yellow Birch							10 00 51	10 - 20 feet	
	Sugar Maple	50		13	85	Ironwood	Medium	10 - 20 feet	10 - 20 1661	
		50		13	85	Ironwood Maple (spp.)	Medium Medium	10 - 20 feet 10 - 20 feet	10 - 20 feet	
39			ciation S	13 Sawtimb		Maple (spp.)			10 - 20 feet	Good quality upland northern hardwood stand, log size class, heavy to
39	Sugar Maple	Maple Assoc	ciation S	Sawtimb		Maple (spp.)	Medium	10 - 20 feet	10 - 20 feet	Good quality upland northern hardwood stand, log size class, heavy to sugar maple. Ironwood is dominating the sapling layer of the understory. Not many maple saplings are acceptable growing stock.
39	Sugar Maple 4110 - Sugar M	Maple Assoc		Sawtimb	er Well	Maple (spp.) 2.3 85	Medium 141-170	10 - 20 feet N/A	10 - 20 feet	sugar maple. Ironwood is dominating the sapling layer of the understory.
39	Sugar Maple 4110 - Sugar M Canopy Species	Maple Assoc	Size Class	Sawtimb DBH	er Well	Maple (spp.) 2.3 85 Sub-Canopy Species	Medium 141-170 Density	10 - 20 feet N/A Avg. Height	10 - 20 feet Size	sugar maple. Ironwood is dominating the sapling layer of the understory.
39	Sugar Maple 4110 - Sugar M Canopy Species White Spruce	Maple Assoc	Size Class Seedling	Sawtimber Bawtimber 8 8 8 14	er Well	Maple (spp.) 2.3 85 Sub-Canopy Species Maple (spp.)	Medium 141-170 Density High	N/A Avg. Height < 5 feet Variable Variable	Size < 5 feet Variable Variable	sugar maple. Ironwood is dominating the sapling layer of the understory.
39	Sugar Maple 4110 - Sugar M Canopy Species White Spruce Balsam Fir	Maple Assoc	Size Class Seedling	Sawtimbe DBH 8	er Well	Maple (spp.) 2.3 85 Sub-Canopy Species Maple (spp.) Maple (spp.)	Medium 141-170 Density High Low	N/A Avg. Height < 5 feet Variable	Size < 5 feet Variable	sugar maple. Ironwood is dominating the sapling layer of the understory.
	Sugar Maple 4110 - Sugar M Canopy Species White Spruce Balsam Fir Yellow Birch	Maple Associated Assoc	Size Class Seedling	Sawtimber Bawtimber 8 8 8 14	er Well	Maple (spp.) 2.3 85 Sub-Canopy Species Maple (spp.) Maple (spp.) Balsam Fir	Medium 141-170 Density High Low Low	N/A Avg. Height < 5 feet Variable Variable	Size < 5 feet Variable Variable	sugar maple. Ironwood is dominating the sapling layer of the understory.
	Sugar Maple 4110 - Sugar M Canopy Species White Spruce Balsam Fir Yellow Birch Hemlock	Maple Associated Assoc	Size Class Seedling Seedling	8 8 14 14	er Well	Maple (spp.) 2.3 85 Sub-Canopy Species Maple (spp.) Maple (spp.) Balsam Fir	Medium 141-170 Density High Low Low	N/A Avg. Height < 5 feet Variable Variable	Size < 5 feet Variable Variable	sugar maple. Ironwood is dominating the sapling layer of the understory.
	Sugar Maple 4110 - Sugar M Canopy Species White Spruce Balsam Fir Yellow Birch Hemlock Quaking Aspen	Maple Associated Assoc	Size Class Seedling Seedling	8 8 14 14 6	er Well	Maple (spp.) 2.3 85 Sub-Canopy Species Maple (spp.) Maple (spp.) Balsam Fir	Medium 141-170 Density High Low Low	N/A Avg. Height < 5 feet Variable Variable	Size < 5 feet Variable Variable	sugar maple. Ironwood is dominating the sapling layer of the understory.
	Sugar Maple 4110 - Sugar M Canopy Species White Spruce Balsam Fir Yellow Birch Hemlock Quaking Aspen Sugar Maple	Maple Assoc **Cover** 1	Size Class Seedling Seedling	8 8 8 14 14 6 12	er Well	Maple (spp.) 2.3 85 Sub-Canopy Species Maple (spp.) Maple (spp.) Balsam Fir	Medium 141-170 Density High Low Low	N/A Avg. Height < 5 feet Variable Variable	Size < 5 feet Variable Variable	sugar maple. Ironwood is dominating the sapling layer of the understory.
	Sugar Maple 4110 - Sugar M Canopy Species White Spruce Balsam Fir Yellow Birch Hemlock Quaking Aspen Sugar Maple Black Cherry	Maple Assoc **Cover** 1	Size Class Seedling Seedling	DBH 8 8 8 14 14 6 12 14	er Well	Maple (spp.) 2.3 85 Sub-Canopy Species Maple (spp.) Maple (spp.) Balsam Fir	Medium 141-170 Density High Low Low	N/A Avg. Height < 5 feet Variable Variable	Size < 5 feet Variable Variable	sugar maple. Ironwood is dominating the sapling layer of the understory.
	Sugar Maple 4110 - Sugar M Canopy Species White Spruce Balsam Fir Yellow Birch Hemlock Quaking Aspen Sugar Maple Black Cherry Ironwood Red Maple	Maple Associate	Size Class Seedling Seedling Seedling	8 8 14 14 6 12 14 15	Age 85	Maple (spp.) 2.3 85 Sub-Canopy Species Maple (spp.) Maple (spp.) Balsam Fir	Medium 141-170 Density High Low Low	N/A Avg. Height < 5 feet Variable Variable	Size < 5 feet Variable Variable 10 - 20 feet	sugar maple. Ironwood is dominating the sapling layer of the understory. Not many maple saplings are acceptable growing stock. Fir snags and windthrow common. SF 2025: Stand is part of the
	Sugar Maple 4110 - Sugar M Canopy Species White Spruce Balsam Fir Yellow Birch Hemlock Quaking Aspen Sugar Maple Black Cherry Ironwood Red Maple	Maple Assoc **Cover** 1	Size Class Seedling Seedling Seedling	Bawtimbo DBH 8 8 8 14 14 6 12 14 15 12 Bawtimbo DBH	Age 85	Maple (spp.) 2.3 85 Sub-Canopy Species Maple (spp.) Maple (spp.) Balsam Fir Ironwood	Medium 141-170 Density High Low Low Full	N/A Avg. Height < 5 feet Variable Variable 10 - 20 feet	Size < 5 feet Variable Variable 10 - 20 feet	sugar maple. Ironwood is dominating the sapling layer of the understory. Not many maple saplings are acceptable growing stock.
	Sugar Maple 4110 - Sugar M Canopy Species White Spruce Balsam Fir Yellow Birch Hemlock Quaking Aspen Sugar Maple Black Cherry Ironwood Red Maple	Maple Associated Assoc	Size Class Seedling Seedling Seedling	Bawtimbo DBH 8 8 14 14 6 12 14 15 12 Sawtimbo	er Well Age 85	Maple (spp.) 2.3 85 Sub-Canopy Species Maple (spp.) Maple (spp.) Balsam Fir Ironwood	Medium 141-170 Density High Low Low Full 81-110	N/A Avg. Height < 5 feet Variable Variable 10 - 20 feet	Size < 5 feet Variable Variable 10 - 20 feet	Fir snags and windthrow common. SF 2025: Stand is part of the active East Lime Timber Sale, 32-004-17 (2). Stand is 2/3 harvested (PU4, harvested in 2022), with the east 1/3 still unharvested (PU5). Residual overstory in harvested portion is 20-30 BA cedar, cherry, and
	Sugar Maple 4110 - Sugar M Canopy Species White Spruce Balsam Fir Yellow Birch Hemlock Quaking Aspen Sugar Maple Black Cherry Ironwood Red Maple 6123 - L Canopy Species	Maple Assoc **Cover** 1	Size Class Seedling Seedling Seedling	Bawtimbo DBH 8 8 8 14 14 6 12 14 15 12 Bawtimbo DBH	85 er Well	Maple (spp.) 2.3 85 Sub-Canopy Species Maple (spp.) Maple (spp.) Balsam Fir Ironwood 31.1 62 Sub-Canopy Species	Medium 141-170 Density High Low Low Full 81-110 Density	N/A Avg. Height < 5 feet Variable Variable 10 - 20 feet N/A Avg. Height	Size < 5 feet Variable Variable 10 - 20 feet	Fir snags and windthrow common. SF 2025: Stand is part of the active East Lime Timber Sale, 32-004-17 (2). Stand is 2/3 harvested (PU4, harvested in 2022), with the east 1/3 still unharvested (PU5). Residual overstory in harvested portion is 20-30 BA cedar, cherry, and yellow birch. Harvested portion of stand shows free to grow black
	Sugar Maple 4110 - Sugar M Canopy Species White Spruce Balsam Fir Yellow Birch Hemlock Quaking Aspen Sugar Maple Black Cherry Ironwood Red Maple 6123 - L Canopy Species Balsam Poplar	Maple Assoc **Cover* 1	Size Class Seedling Seedling Seedling	Bawtimbo DBH 8 8 14 14 6 12 14 15 12 Bawtimbo DBH 12	er Well Age 85	Maple (spp.) 2.3 85 Sub-Canopy Species Maple (spp.) Maple (spp.) Balsam Fir Ironwood 31.1 62 Sub-Canopy Species	Medium 141-170 Density High Low Low Full 81-110 Density	N/A Avg. Height < 5 feet Variable Variable 10 - 20 feet N/A Avg. Height	Size < 5 feet Variable Variable 10 - 20 feet	Fir snags and windthrow common. SF 2025: Stand is part of the active East Lime Timber Sale, 32-004-17 (2). Stand is 2/3 harvested (PU4, harvested in 2022), with the east 1/3 still unharvested (PU5). Residual overstory in harvested portion is 20-30 BA cedar, cherry, and yellow birch. Harvested portion of stand shows free to grow black cherry, balsam poplar, and red maple saplings with heavy deer browse
	Sugar Maple 4110 - Sugar M Canopy Species White Spruce Balsam Fir Yellow Birch Hemlock Quaking Aspen Sugar Maple Black Cherry Ironwood Red Maple 6123 - L Canopy Species Balsam Poplar Red Maple	Maple Assoc **Cover** 1	Size Class Seedling Seedling Seedling	DBH 8 8 8 14 14 6 12 14 15 12 Sawtimbe DBH 12 8	85 er Well	Maple (spp.) 2.3 85 Sub-Canopy Species Maple (spp.) Maple (spp.) Balsam Fir Ironwood 31.1 62 Sub-Canopy Species	Medium 141-170 Density High Low Low Full 81-110 Density	N/A Avg. Height < 5 feet Variable Variable 10 - 20 feet N/A Avg. Height	Size < 5 feet Variable Variable 10 - 20 feet	Fir snags and windthrow common. SF 2025: Stand is part of the active East Lime Timber Sale, 32-004-17 (2). Stand is 2/3 harvested (PU4, harvested in 2022), with the east 1/3 still unharvested (PU5). Residual overstory in harvested portion is 20-30 BA cedar, cherry, and yellow birch. Harvested portion of stand shows free to grow black

Report 7 - Stands



Stand	Stand Level 4 Cover Type			Size De	ensity	Acres Stand A	ge BA Range	Managed	Site	General Comments
41	4112 - Maple, Beed	ch, Cherry A	ssociation	Poletimber Well		1.0 85	81-110	N	/A	Retention patch from surrounding aspen clearcut.SF 2025: Small,
	Canopy Species	% Cover	Size Class	DBI	H Age	Sub-Canopy Spe	cies Density	Avg. Height	Size	okay-quality northern hardwood stand in the log/pole size class.
	Balsam Poplar	5		9		Ironwood	High	10 - 20 feet	10 - 20 feet	
	Red Maple	20		9		Black Cherry	Low	< 5 feet	< 5 feet	
	Quaking Aspen	5		9		Leatherwood	Mediur	n < 5 feet	< 5 feet	
	Sugar Maple	70		9	85	Maple (spp.)	Trace	Variable	Variable	
						Balsam Fir	Full	Variable	Variable	
42	6111 - Lowlan	ıd Balsam P	oplar	Saplin	g Well	69.5 25	Immature	N	/A	Fully stocked. east-west aligned drainage in stand. Residual hemlock,
	Canopy Species	% Cover	Size Class	DBI	H Age	Sub-Canopy Spe	cies Density	Avg. Height	Size	sugar maple, red maple, and cedar from past overstory. White pine, tamarack, red pine, and black ash saplings present. Was cut in 2000
	Sugar Maple	3	Pole	3	25	Hazelnut (Beake	ed) Low	< 5 feet	< 5 feet	under permit #30-97-01.SF 2025: Most of stand is well-stocked
	American Elm	1	Log	3	25	Red Pine	Trace	10 - 20 feet	10 - 20 feet	aspen with bigtooth in the uplands and quaking aspen and balsam
	Black Cherry	3	Log	3	25	Balsam Fir	Low	5 - 10 feet	5 - 10 feet	poplar in the lowlands.
No	orthern White Cedar	1	Seedling	9		Tamarack	Low	10 - 20 feet	10 - 20 feet	
	Paper Birch	1	Log	3	25	White Spruce	Low	5 - 10 feet	5 - 10 feet	*
	Balsam Fir	1	Sapling	6	25	White Pine	Trace	10 - 20 feet	10 - 20 feet	
	Bigtooth Aspen	9	Pole	4	25	Ironwood	Low	10 - 20 feet	10 - 20 feet	
	Balsam Poplar	40	Log	3	25	Red Maple	Low	< 5 feet	< 5 feet	
	Quaking Aspen	40	Log	3	25	Sugar Maple	Low	10 - 20 feet	10 - 20 feet	
	Yellow Birch	1	Log	3	25		·			-
43	6120 - Lo	wland Ceda	ır	Poletimb	er Poor	114.0 126	1-50	N	/A	SF 2025: Wet cedar pole stand. Variable. Low basal area and partially
	Canopy Species	% Cover	Size Class	DBI	H Age	Sub-Canopy Spe	cies Density	Avg. Height	Size	open canopy.
	Paper Birch	5		8		Northern White Co	edar Low	Variable	Variable	
	Balsam Poplar	5		9		Balsam Fir	Low	Variable	Variable	
No	orthern White Cedar	75	Seedling	7	126	Black Ash	Full	10 - 20 feet	10 - 20 feet	
	Black Ash	5	Seedling	5		Tag Alder	High	5 - 10 feet	5 - 10 feet	
	Red Maple	5	Seedling	5						
	Yellow Birch	5		8						
44	6220 - A	lder/Willow		No	ne	14.7		N	lo	Stream corridor. Tag alder in patches. Some areas of corridor forested
						Sub-Canopy Spe	cies Density	Avg. Height	Size	right up to stream.
						Tag Alder	Mediur	5 - 10 feet	5 - 10 feet	
45	6225	5 - Bog		No	ne	1.1		N	lo	



Stand	Level 4 Co	over Type	Size De	, , ,			Managed Site		General Comments	
46	6112 - Lov	vland Aspe	n	Sapling Well		30.5 23	51-80	N/A		A3 with small patches of residual cedar from last overstory. White
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	spruce, yellow birch, fir, tamarack, and white birch poletimber also present. Fir, white birch, yellow birch, and black cherry saplings found.
	Balsam Poplar	33	Sapling	5	23	Sugar Maple	High	< 5 feet	< 5 feet	
	Balsam Fir	4	Sapling	5	25					SF 2025: Wet, well-stocked aspen stand with cedar residuals mixed in.
	Black Ash	4	Sapling	5						Diverse mix of species in canopy.
	Paper Birch	1	Sapling	5						
	White Spruce	1		10						
	Quaking Aspen	35	Sapling	5	23					
	Sugar Maple	4	Seedling	7						
	Black Cherry	1	Pole	4						
	Yellow Birch	1	Sapling	6						
	Red Maple	4	Sapling	5						
No	rthern White Cedar	11	Seedling	5						
	Tamarack	1	Sapling	6						
47	6139 - Mixed	Lowland Fo	orest F	oletimb		64.4 50	1-50	N/A		1/2 to 2/3 of black ash or sub-merchantable size. Ash pockets stagnant may never reach even one-stick size. Lot of standing water. Cedar
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	patches.SF 2025: Mostly dead black ash with black ash saplings, tag
	White Spruce	25		8		Tag Alder	Full	5 - 10 feet	5 - 10 feet	alder, fir, and spruce comping up underneath. Very wet stand. Some
	White Pine									
		2	Sapling	5		Balsam Fir	Medium	5 - 10 feet	5 - 10 feet	areas of denser cedar poles.
	American Elm	5	Sapling Sapling	5		Balsam Fir Black Ash	Medium High	5 - 10 feet 5 - 10 feet	5 - 10 feet 5 - 10 feet	areas of denser cedar poles.
		5 5								areas of denser cedar poles.
	American Elm	5	Sapling	6		Black Ash	High	5 - 10 feet	5 - 10 feet	areas of denser cedar poles.
	American Elm	5 5	Sapling Seedling	6 8	50	Black Ash	High	5 - 10 feet	5 - 10 feet	areas of denser cedar poles.
	American Elm rthern White Cedar Balsam Fir	5 5 25 5 5	Sapling Seedling Seedling	6 8 6		Black Ash	High	5 - 10 feet	5 - 10 feet	areas of denser cedar poles.
	American Elm rthern White Cedar Balsam Fir Black Ash	5 5 25 5	Sapling Seedling Seedling	6 8 6 7	50	Black Ash	High	5 - 10 feet	5 - 10 feet	areas of denser cedar poles.
	American Elm rthern White Cedar Balsam Fir Black Ash Yellow Birch Red Maple	5 5 25 5 5 28	Sapling Seedling Seedling Sapling Seedling	6 8 6 7 12 8	50 er Poor	Black Ash	High	5 - 10 feet	5 - 10 feet Variable	Deep muck and organic soils. Flooded. Too wet to freeze in.SF
Nor	American Elm rthern White Cedar Balsam Fir Black Ash Yellow Birch Red Maple	5 5 25 5 5 28	Sapling Seedling Seedling Sapling Sapling	6 8 6 7 12 8	50	Black Ash White Spruce	High Low	5 - 10 feet Variable	5 - 10 feet Variable	'
Nor	American Elm rthern White Cedar Balsam Fir Black Ash Yellow Birch Red Maple	5 5 25 5 5 28	Sapling Seedling Seedling Sapling Seedling	6 8 6 7 12 8	50 er Poor	Black Ash White Spruce	High Low	5 - 10 feet Variable N/A	5 - 10 feet Variable	Deep muck and organic soils. Flooded. Too wet to freeze in.SF 2025: Stand is mostly dead or dying black ash poles with black ash
Nor	American Elm rthern White Cedar Balsam Fir Black Ash Yellow Birch Red Maple 6115 - Lo Canopy Species	5 5 25 5 5 28 owland Ash	Sapling Seedling Seedling Sapling Sapling F Size Class	6 8 6 7 12 8 Poletimb	50 er Poor	Black Ash White Spruce 26.4 60 Sub-Canopy Species	High Low 1-50 Density	5 - 10 feet Variable N/A Avg. Height	5 - 10 feet Variable	Deep muck and organic soils. Flooded. Too wet to freeze in.SF 2025: Stand is mostly dead or dying black ash poles with black ash
Nor	American Elm rthern White Cedar Balsam Fir Black Ash Yellow Birch Red Maple 6115 - Lo Canopy Species Black Spruce	5 5 25 5 5 28 owland Ash % Cover 5	Sapling Seedling Seedling Sapling Seedling Seedling Seedling Seedling	6 8 6 7 12 8 Poletimb	50 er Poor	Black Ash White Spruce 26.4 60 Sub-Canopy Species Black Spruce	High Low 1-50 Density Low	5 - 10 feet Variable N/A Avg. Height 10 - 20 feet	5 - 10 feet Variable Size 10 - 20 feet	Deep muck and organic soils. Flooded. Too wet to freeze in.SF 2025: Stand is mostly dead or dying black ash poles with black ash
Nor	American Elm rthern White Cedar Balsam Fir Black Ash Yellow Birch Red Maple 6115 - Lo Canopy Species Black Spruce Black Ash	5 5 25 5 5 28 owland Ash % Cover 5 87	Sapling Seedling Seedling Sapling Seedling Seedling Seedling Seedling Size Class Seedling Sapling	6 8 6 7 12 8 Poletimb DBH 6 5	50 er Poor	Black Ash White Spruce 26.4 60 Sub-Canopy Species Black Spruce Yellow Birch	1-50 Density Low Trace	N/A Avg. Height 10 - 20 feet 10 - 20 feet	Size 10 - 20 feet 10 - 20 feet	Deep muck and organic soils. Flooded. Too wet to freeze in.SF 2025: Stand is mostly dead or dying black ash poles with black ash



Stand	Level 4 Co	Cover Type Size Density Acres Stand Age BA Range Managed Site				ite	General Comments			
49	6120 - Lov	wland Ceda	r	Sawtimb	er Well	103.8 108	81-110	N/A	A	SF 2025: Lowland mixed conifer with large components of cedar and I black ash. Many of black ash stems are dead or dying from emerald ash
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Canopy Species	Density	Avg. Height	Size	borer. Stand is a large drainage/swale. Basal area is highly variable due
	Hemlock	1		13		Black Ash	High	< 5 feet	< 5 feet	to die of of black ash.
	Black Ash	25	Sapling	6		Black Ash	Medium	10 - 20 feet	10 - 20 feet	
	Balsam Fir	5	Seedling	8		Aspen (spp.)	Medium	10 - 20 feet	10 - 20 feet	
	Yellow Birch	10		14		Red Maple	Low	10 - 20 feet	10 - 20 feet	
	Black Spruce	2		11		Tag Alder	Medium	5 - 10 feet	5 - 10 feet	
No	orthern White Cedar	52		11	108	Balsam Fir	Medium	10 - 20 feet	10 - 20 feet	
	Red Maple	5		8						
50	500 -	· Water		Noi	ne	6.3		No)	Werner creek corridor.
51	3102	- Grass		Noi	ne	1.3		No)	Old homestead site. Apple tree. Nice dispersed campsite right on
						Sub-Canopy Species	Density	Avg. Height	Size	Werner creek. Encroaching white spruce trees. Nice site.SF 2025: Apple tree still present. Site is growing in with mix of species.
						White Spruce	Low	>20 feet	>20 feet	Apple tree still present. Oite is growing in with mix or species.
						Quaking Aspen	Low	>20 feet	>20 feet	
						Red Maple	Low	>20 feet	>20 feet	
						White Spruce	Low	>20 feet	>20 feet	
						Balsam Fir	Low	>20 feet	>20 feet	
						Mixed Grasses	High	Not Applicable	Not Applicable	
52	4130	- Aspen		Poletimb	er Well	9.7 27	51-80	N/A	4	Heavy stocking. Yellow birch, white pine, and white spruce saplings found.SF 2025: Well stocked well growing aspen stand.
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Canopy Species	Density	Avg. Height	Size	Tourid.or 2023. Well stocked well growing aspen stand.
	Bigtooth Aspen	10	Log	3	27	Yellow Birch	Trace	Variable	Variable	
	Black Cherry	2	Pole	3	27	White Pine	Trace	Variable	Variable	
	Balsam Poplar	6	Log	3	27	Red Maple	Low	5 - 10 feet	5 - 10 feet	
	Quaking Aspen	80	Pole	4	27	White Spruce	Trace	Variable	Variable	
	Red Maple	2	Pole	3	27	Black Cherry	Medium	5 - 10 feet	5 - 10 feet	
						Balsam Fir	Low	5 - 10 feet	5 - 10 feet	
53	4130	- Aspen		Poletimb		9.7 52	111-140	N/A	4	3 to 4 stick aspen. Red maple and white birch saplings present. White birch and white poletimber present.SF 2025: Good quality aspen
	Canopy Species	% Cover	Size Class		l Age	Sub-Canopy Species	Density	Avg. Height	Size	stand, very well stocked.
	Balsam Poplar	2		13	52	Red Maple	Low	10 - 20 feet	10 - 20 feet	
	Balsam Fir	5	Seedling	6		Balsam Fir	Medium	>20 feet	>20 feet	
	Black Spruce	1	Sapling	5		Tag Alder	Low	5 - 10 feet	5 - 10 feet	
	Paper Birch	7		10	52	Paper Birch	Low	10 - 20 feet	10 - 20 feet	
	Quaking Aspen	60	Seedling	9	52	White Spruce	Trace	Variable	Variable	
	Black Ash	1	Seedling	5		Black Ash	Trace	Variable	Variable	
	Yellow Birch	1	Seedling	6						
	Black Cherry	3	Sapling	7						
	Bigtooth Aspen	20		11	52					



Stand	Stand Level 4 Cover Type			Size De	nsity	Acres	Stand Age E	BA Range	Managed S	Site	General Comments
54	4319 - Mixed	d Upland Forest		Unspe	cifed	61.1	3	Immature			Fir and spruce snags. Low timber quality soft maple. Hemlock and black ash saplings present. Cedar, white birch, and black ash are overstory
						Sub-Ca	nopy Species	Density	Avg. Height	Size	members.SF 2025: Stand was treated in 2022 under 32-004-17 (2),
							llow Birch	Low	>20 feet	>20 feet	"East Lime" Sale. Stand is mostly red maple stump sprouts and aspen
							ck Cherry	Low	>20 feet	>20 feet	saplings, mostly free to grow. Heavy deer browse in on parts of saplings under 5 ft in height. Residuals poles of cedar, hemlock, black cherry,
						Ва	alsam Fir	Low	< 5 feet	< 5 feet	yellow birch, and paper birch in the stand.
						Bals	am Poplar	Low	5 - 10 feet	5 - 10 feet	
						Norther	n White Cedar	Low	>20 feet	>20 feet	
						Qua	king Aspen	High	5 - 10 feet	5 - 10 feet	
						Pa	per Birch	Trace	>20 feet	>20 feet	
						H	lemlock	Trace	>20 feet	>20 feet	
						Wh	ite Spruce	Trace	< 5 feet	< 5 feet	
						Re	ed Maple	High	5 - 10 feet	5 - 10 feet	
55	4113 - R.N	/laple, Coni	ifer P	oletimber	Mediu	m 15.9	70	111-140	N/A	Ą	More spruce and fir in overstory next to stand 51. SF 2025: Ok
-	Canopy Species	% Cove	r Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	quality red maple stand. Maple saplings within are mostly overtopped unacceptable growing stock. Stand condition is such that thinning would
(Quaking Aspen	5		13		В	lack Ash	Low	5 - 10 feet	5 - 10 feet	likely not encourage greater quality, with stems mostly pulp-quality.
	Yellow Birch	10		13		Ва	alsam Fir	High	10 - 20 feet	10 - 20 feet	
	Black Ash	5	Seedling	5		Re	ed Maple	Low	10 - 20 feet	10 - 20 feet	
Nort	thern White Cedar	5		12		<u>u</u>					-
	Red Maple	56		11	70						
	White Pine	1		23							
	Hemlock	3		14							
	Balsam Fir	15	Seedling	6							
56	4190 - Mixed Upl C	and Decidued	uous with	Sapling	Poor	4.4	4	Immature	N/A	A	Harvested 2021. Sale #32-003-17 West Lime.2016- was suppose to be treated with Gwinn sale to the north but wasn't. contains a mix of
-	Canopy Species	% Cove	r Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	spp. and high and low ground. OPIC - FMD: Heavier to cedar. Low area between A3 stand to the east and M6 to the west.SF 2025:
	Black Ash	2	Log	1	4	Wh	ite Spruce	High	10 - 20 feet	10 - 20 feet	Stand barely passes regeneration check, contains patches of poor
	Black Cherry	10	Log	1	4	Blackbe	erry/Raspberry	Full	5 - 10 feet	5 - 10 feet	stocking. Overall meets stocking criteria with a mix of red maple, paper
(Quaking Aspen	1	Log	1	4	Ва	alsam Fir	High	10 - 20 feet	10 - 20 feet	birch, fir, and black cherry. Red maple is mostly stump sprout origin.
Nort	thern White Cedar	20	Seedling	8		Re	ed Maple	Medium	10 - 20 feet	10 - 20 feet	
	Balsam Poplar	2	Log	1	4		·				
	Paper Birch	10	Log	1	4						
	Balsam Fir	20	Log	1	4						
57	4112 - Maple, Beed	ch, Cherry	Association	Sawtimb	er Wel	22.5	95	81-110	N/A	A	2018: 111-140 BA. No canopy gaps. SF 2025: Stand was recently
	Canopy Species	% Cove	r Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	treated during the "East Lime" Sale, 32-004-17 (2) in 2022. Good-quality northern hardwood log stand, about 90 basal area. Small canopy gaps
	Sugar Maple	74		10	95		erry/Raspberry	Low	5 - 10 feet	5 - 10 feet	are now present. Good quality acceptable growing stock maple
	Yellow Birch	3		16			onwood	High	5 - 10 feet	5 - 10 feet	regeneration is present, much of which is free to grow. Maple
Е	Bigtooth Aspen	2		13		Bla	ck Cherry	Low	5 - 10 feet	5 - 10 feet	regeneration is competing with ironwood component.
	Red Maple	20		10			ple (spp.)	High	5 - 10 feet	5 - 10 feet	
	'						. (11/	U			$oldsymbol{\perp}$

9

Black Cherry



Stand	Level 4 C	over Type		Size Density		res Stand Age E	BA Range	Managed S	Site	General Comments
58	4110 - Sugar N	/laple Assoc	ciation	Poletimber W	ell 8	.3 93	111-140	N//	4	Raspberry present. Many gaps in canopy. Spring beauties and clubmoss are predominant groundcover. Stand harvested in December 2011
	Canopy Species	% Cover	Size Class		Su	o-Canopy Species	Density	Avg. Height	Size	under contract #021-08-01. SF 2025: Ok to good quality northern
	Black Cherry	1		15		White Spruce	Low	5 - 10 feet	5 - 10 feet	hardwoods stand. Legacy trees are within stand. Great regeneration in
	Hemlock	1		12		Maple (spp.)	High	5 - 10 feet	5 - 10 feet	patches of old canopy gaps.
	Bigtooth Aspen	2		18		Ironwood	Medium	5 - 10 feet	5 - 10 feet	
	White Spruce	1		16		Balsam Fir	Medium	5 - 10 feet	5 - 10 feet	
	Yellow Birch	1		12		Bigtooth Aspen	Medium	5 - 10 feet	5 - 10 feet	
	Red Maple	14		10		Yellow Birch	Trace	5 - 10 feet	5 - 10 feet	
	Sugar Maple	80		11 93		Black Cherry	Medium	5 - 10 feet	5 - 10 feet	
59	6120 - Lo	wland Ceda	ar	Sawtimber W	ell 3	.3 95	111-140	N//	4	SF 2025: Wet ground swale in larger hardwood stand.
	Canopy Species	% Cover	Size Class	DBH Age	Su	o-Canopy Species	Density	Avg. Height	Size	
	Black Ash	10	Seedling	8		Balsam Fir	Low	Variable	Variable	
	Sugar Maple	7	Seedling	8 95	Bla	ckberry/Raspberry	Medium	< 5 feet	< 5 feet	
	Yellow Birch	7		12		Maple (spp.)	Low	Variable	Variable	
	Red Maple	8	Seedling	8 95		White Spruce	Medium	Variable	Variable	
	Balsam Fir	3	Seedling	6		Black Ash	High	< 5 feet	< 5 feet	
No	rthern White Cedar	58		15 95			1	1	-	
	Basswood	2		18						
	White Spruce	5		14						
60	4116 - Mixed N.	Hardwood	- Aspen	Sawtimber Po	or 1	.9 90	51-80	N//	Α	Small hills. SF 2025: Seed tree/ shelterwood harvest performed as
	Canopy Species	% Cover	Size Class	DBH Age	Su	o-Canopy Species	Density	Avg. Height	Size	part of East Lime TS, 32-004-17 (2). Would pass regeneration check, mostly aspen and maple stump sprout. Canopy contains a mix of
	Paper Birch	5		14		Balsam Fir	Low	5 - 10 feet	5 - 10 feet	residual hardwood stems. Heavy deer browse noted on maple
	Red Maple	15		10 90		Maple (spp.)	Full	< 5 feet	< 5 feet	seedlings.
	Bigtooth Aspen	35		20		Aspen (spp.)	High	5 - 10 feet	5 - 10 feet	
	Sugar Maple	45		11 90		Red Maple	Medium	5 - 10 feet	5 - 10 feet	
					Mixe	ed Sedges/Grasses	High	Not Applicable	Not Applicable	
						Sugar Maple	Medium	5 - 10 feet	5 - 10 feet	
61	411 - North	ern Hardwo	ood	Sawtimber W	ell 9	.5 85	111-140	N//	4	Hardwood island surrounded by wet cedar swamp. Sugar maple, red maple, and yellow birch are overstory components. SF 2025: Confirmed last inventory notes. Basal area estimated to be c.140 from data from similar untreated stands in the area
62	4112 - Maple, Beed			Poletimber W		.3 90	111-140	N//	4	Remote "island" within large wetlands. SF 2025: Hardwood island that could be accessed via stands to the north and west. Ok quality
	Canopy Species		Size Class							poletimber.
	Sugar Maple	21		7						
	Yellow Birch	5		8						
	Basswood	2		10						
	Red Maple	70		9 90						
	Black Cherry	2		10						

Stand	Level 4 C	over Type		Size Density			Acres Stand Age BA Range			Site	General Comments
63	4115 - Y.Biro	h, Hemlock	NH S	Sawtimber Well		3.8	126	81-110	N/A	A	SF 2025: No access to this stand from the south. Old age northern
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	hardwood stand. Recommend leaving for wildlife. Legacy red maple, hemlock, and yellow birch within.
No	orthern White Cedar	15		14	126	Ва	alsam Fir	Low	Variable	Variable	Transcription 2.12. The same
	Hemlock	15		12	126	Re	ed Maple	Low	Variable	Variable	
	Sugar Maple	10	Seedling	7							
	Yellow Birch	7		22							
	Balsam Fir	2	Seedling	5							
	Red Maple	50		17	126						
	Quaking Aspen	1		22							
64	4110 - Sugar N	/laple Asso	ciation I	Poletimb	er Well	9.7	90	111-140	N/A	A	Selectively harvested in 1998 under permit #32-034-97-01.Hemlock, white spruce, white birch, and yellow birch are infrequent overstory
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	associates. White spruce saplings found. Herbaceous cover is
	Hemlock	1		12		Wh	ite Spruce	Trace	Variable	Variable	predominantly spring beauties.SF 2025: Stand not yet harvested, but
	Sugar Maple	77		13	90	Yel	llow Birch	Low	10 - 20 feet	10 - 20 feet	is on contract "East Lime" 32-004-17 (2). Well stocked northern
	Red Maple	10		12		Ва	alsam Fir	Medium	10 - 20 feet	10 - 20 feet	hardwood log stand, heavy to sugar maple, good quality to log-sized trees. Poor quality to pole sized-trees. Maple and yellow birch saplings
	Black Cherry	12		12		Ма	ple (spp.)	High	< 5 feet	< 5 feet	within are mostly suppressed trees, unacceptable growing stock.
						Ма	ple (spp.)	Medium	5 - 10 feet	5 - 10 feet	
						In	onwood	Medium	10 - 20 feet	10 - 20 feet	
65	4113 - R.M	laple, Coni	fer I	Poletimb	er Well	6.4	90	81-110	N/A	A	Access to stand blocked by private and wetlands.SF 2025: Time constraints, used old data. Access blocked.
66	4139 - Aspen,	Mixed Dec	iduous I	Poletimb	er Well	36.3	27	1-50	N/A	A	Residual large hemlock and cedar retained from cutting in 1998 under
	Canopy Species	% Cover	Size Class	DBF	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	contract #32-034-97-01.SF 2025: Ok quality aspen stand with low ground within. Rutting observed in unit from last entry. Parts of stand
	Black Cherry	2	Pole	3	27	Ва	alsam Fir	Low	Variable	Variable	have cattails and dead black ash. On the east end of the stand there is a
	Hemlock	1		13		Wh	ite Spruce	Low	5 - 10 feet	5 - 10 feet	small upland hardwood island, about 2.5 acres in size.
	Sugar Maple	1		10		Hazelı	nut (Beaked)	Medium	5 - 10 feet	5 - 10 feet	
No	orthern White Cedar	2		11				'			_
	Balsam Poplar	15	Pole	3	27						
	Bigtooth Aspen	53	Pole	4	27						
	Red Maple	6	Seedling	7	27						
	White Spruce	6	Pole	4	27						
	Yellow Birch	4	Pole	4	27						
	Balsam Fir	10	Pole	4	27						



Stand	and Level 4 Cover Type		Size De	nsity	Acres	Stand Age E	BA Range	Managed \$	Site	General Comments	
67	4119 - Mixed No	rthern Hard	dwoods	Poletimb	er Well	4.8	85	111-140	N//	A	SF 2025: Okay quality northern hardwood pole/log stand with legacy
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	Trees. Maple saplings present are unacceptable growing stock. Heavy to spruce/fir/aspen species near intermittent stream located to the east.
	Sugar Maple	40		10	85	Hazel	nut (Spp.)	Medium	5 - 10 feet	5 - 10 feet	opraco, in account operator hour intermittent caream recated to the cast.
	White Spruce	5	Seedling	6		Мар	ole (spp.)	Low	10 - 20 feet	10 - 20 feet	
	Basswood	15		17	85	Мар	ole (spp.)	Full	< 5 feet	< 5 feet	
	Sugar Maple	8		25		Bal	sam Fir	Low	Variable	Variable	
(Quaking Aspen	5		11		Leat	herwood	Medium	5 - 10 feet	5 - 10 feet	
	Black Cherry	2		10		Iro	nwood	Low	< 5 feet	< 5 feet	
	Red Maple	20		10	85						-
	Balsam Fir	5	Seedling	6							
68	4110 - Sugar M	laple Assoc	ciation	Sawtimb	er Well	26.9	85	81-110	N//	4	Harvested 2021-2022. Sale #32-003-17 West Lime.Stand
1	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	harvested in 1991, and again in 2008 under permit #32-028-07-01. Many maple seedlings browsed. Pockets of M3 10 to 20 feet tall.
	Red Maple	7		11		Iro	nwood	Medium	Variable	Variable	Patches of sparse raspberry. White spruce saplings found. White
	Hemlock	2		19		Blac	k Cherry	Low	< 5 feet	< 5 feet	spruce and hemlock are infrequent overstory associates. SF 2025:
	Yellow Birch	5		24		Sug	ar Maple	High	5 - 10 feet	5 - 10 feet	Good quality northern hardwood stand heavy to sugar maple. Great acceptable growing stock advanced regeneration coming up in canopy
Nor	thern White Cedar	1	Seedling	7		Blackber	ry/Raspberry	Medium	< 5 feet	< 5 feet	gaps. Canopy closure roughly 75%.
	Basswood	5		13		S	edges	High	Not Applicable	Not Applicabl	
	Sugar Maple	80		10	85	Leat	herwood	Medium	< 5 feet	< 5 feet	
69	4110 - Sugar M	laple Assoc	ciation	Sawtimb	er Well	64.3	100	81-110	N//	Ą	Harvested 2021-2022. Sale #32-003-17 West Lime. Select cut in
-	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	1997 under permit #32-031-97-01. SF 2025: High quality northern hardwood stand stand heavy to sugar maple. Stand just harvested, not
	Black Cherry	2		9		Iro	nwood	Medium	10 - 20 feet	10 - 20 feet	yet growing acceptable advanced regeneration.
	Yellow Birch	2		16		Blackber	ry/Raspberry	Medium	< 5 feet	< 5 feet	
	Red Maple	2		11		Sug	ar Maple	Full	< 5 feet	< 5 feet	
	Sugar Maple	92		14	100	Bal	sam Fir	Low	Variable	Variable	
	Basswood	2		18		Leat	herwood	Low	< 5 feet	< 5 feet	
70	6120 - Lov	wland Ceda	ır F	Poletimber	Mediur	n 23.3	106	51-80	N//	Ą	Cedar, fir, balsam poplar, and red maple form overstory. Very wet.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	
	Yellow Birch	5	Seedling	7		Bal	sam Fir	Medium	Variable	Variable	
Nor	thern White Cedar	80	Seedling	9	106	Bla	ick Ash	High	< 5 feet	< 5 feet	
	Balsam Fir	5	Sapling	6		Blac	k Spruce	Trace	< 5 feet	< 5 feet	
	Red Maple	5	Sapling	6							-
	Black Ash	5	Pole	3							
	Red Maple	5 5	Sapling Sapling	6		Blac	k Spruce	-			

Report 7 - Stands

Compartment: 92 Year of Entry: 2027



Stand	Level 4 Co	over Type		Size Density		Acres Stand Age BA	A Range Managed Site			General Comments
71	4112 - Maple, Beec	ch, Cherry Association		Sawtimb	er Well	4.9 85	81-110	N/A	Α	Werner Creek corridor. Mostly poor timber quality soft maple. Patches
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	and scattered overstory hemlock.SF 2025: Poor quality northern hardwoods stand. Access is through aspen stand to the west, access is
	Black Cherry	1	Seedling			Maple (spp.)	High	< 5 feet	< 5 feet	difficult and you need to cut through the stand to get to this stand. Should be treated during same entry with aspen. Legacy red maple, yellow birch, and hemlock trees within.
Nor	thern White Cedar	2		14		Hazelnut (Spp.)	Low	5 - 10 feet	5 - 10 feet	
	Hemlock	7		12		Black Cherry	Low	5 - 10 feet	5 - 10 feet	yellow bilch, and hemilock trees within.
	Balsam Fir	2	Seedling	5		Balsam Fir	Medium	Variable	Variable	
(Quaking Aspen	1		22		Black Ash	Trace	Variable	Variable	
	Sugar Maple	10		7		White Spruce	Low	Variable	Variable	
	Yellow Birch	7		22						
	Red Maple	70		17	85					
72	6229 - Mixed	Lowland SI	hrub	Nor	ne	11.3		No)	Mostly tag alder with some cedar and black spruce poles. High amount $_{\text{\tiny T}}$ of dead ash snags.
						Sub-Canopy Species	Density	Avg. Height	Size	of dead astristiags.
						Northern White Cedar	Low	>20 feet	>20 feet	
						Red Maple	Trace	5 - 10 feet	5 - 10 feet	
						Sedges	Medium	Not Applicable	Not Applicable	
						Black Spruce	Low	>20 feet	>20 feet	
						Black Ash	Full	Variable	Variable	
						Balsam Fir	Medium	Variable	Variable	
						Tag Alder	High	5 - 10 feet	5 - 10 feet	
73	6120 - Lov	vland Ceda	ır	Sawtimb	er Well	11.0 126	81-110	N/A	4	Very wet. Adjacent to Werner creek. White birch uncommon in
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	overstory. White spruce and white birch saplings present.SF 2025: Lowland conifer stand containing log-size cedar, yellow birch, and
	Hemlock	2		14		Balsam Fir	High	Variable	Variable	hemlock. Mixed deciduous components are located along N/S swale
	Yellow Birch	20		17		White Spruce	Low	Variable	Variable	with lots of dead or dying black ash. Basal area is much lower in the
	Black Ash	5	Sapling	5		Paper Birch	Low	10 - 20 feet	10 - 20 feet	black ash swale.
	Red Maple	5	Seedling			Black Ash	Medium	10 - 20 feet	10 - 20 feet	
	Balsam Fir	1	Seedling	8		Tag Alder	Medium	5 - 10 feet	5 - 10 feet	
Nor	thern White Cedar	64		13	126					
	Balsam Poplar	1		17						
	Black Spruce	2	Seedling	7						
74	6117 - Lowland I Coni	Deciduous, ferous	Mixed F	Poletimber	Mediun	n 13.9 80	51-80	N/A	A	SF 2025: Lowland birch aspen stand. Stand is in the process of falling apart, with a moderate amount of blowdown within. Birch is okay to
	Canopy Species	% Cover	Size Class	s DBH	Age					good quality, northern hardwood poles are low quality.
	thern White Cedar	15		8						
	White Spruce	5	Seedling	6						
	Paper Birch	30		9	80					
	Quaking Aspen	30		17	80					
	Red Maple	10	Coodling							
		10	Seedling	8						

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Balsam Poplar

Report 7 – Stands

DNR DNR

Compartment: 92 Year of Entry: 2027

Stand	tand Level 4 Cover Type			Size De	ensity	Acres	Stand Age B	BA Range	Managed \$	Site	General Comments
75	6139 - Mixed	Lowland Forest		Poletimb	er Poor	17.4	70	1-50	N//	4	Areas are flooded. Drainages. SF 2025: Many dead ash snags
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	within. Canopy has partially fallen apart.
	Balsam Fir	20	Seedling	6		Ca	attail spp.	Low	Not Applicable	Not Applicabl	e
	Black Cherry	4		9		Ва	alsam Fir	High	Variable	Variable	
	White Spruce	20		14	70	Mixed Se	edges/Grasses	High	Not Applicable	Not Applicable	
No	orthern White Cedar	14		7				,			-
	Red Maple	15	Seedling	6	70						
	Hemlock	2	Seedling	8							
	Black Ash	5	Sapling	6							
	Yellow Birch	20		15	70						
76	6131 - Hemlock, W		' '	Sawtimb		5.2		111-140	N//		White birch and white pine are uncommon overstory members. White pine saplings found.SF 2025: Uneven aged mixed stand with cohorts
	Canopy Species		Size Class		I Age		nopy Species		Avg. Height	Size	of young spruce/fir, log-size red maple/ yellow birch , and xlog size
No	orthern White Cedar	1		9	110		alsam Fir	High	10 - 20 feet	10 - 20 feet	hemlock. Red maple in stand has ok to poor sawtimber potential
	Red Maple	49		14	110		ite Spruce	Medium	10 - 20 feet	10 - 20 feet	because of poor quality. Fir has heavy spruce budworm damage. Most of yellow birch are wildlife-quality. Die back seen in red maple and
	Quaking Aspen	1	Seedling	6	27		ed Maple	Medium	Variable	Variable	yellow birch.
	White Pine	1		30		WI	hite Pine	Trace	10 - 20 feet	10 - 20 feet	
	White Spruce	4	Sapling	5	27	Bla	ck Cherry	Trace	10 - 20 feet	10 - 20 feet	
	Hemlock	25		24		Н	lemlock	Trace	< 5 feet	< 5 feet	
	Balsam Fir	5	Seedling	5							
	Black Spruce	10	Seedling	8							
	Yellow Birch	4	Seedling	9							
77	6128 - Lowland Dec	Coniferous iduous	, Mixed	Sawtimb	er Well	7.4	126	171-200	N/A	4	SF 2025: Stand which is mostly low ground cedar, red maple, yellow birch, and hemlock. Multiple wet swales within. Small 1 acre hardwood
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	patch in the middle of the stand.
	White Pine	2		19		Spha	gnum Moss	Low	Not Applicable	Not Applicable	•
No	orthern White Cedar	33		12	126	Ta	ag Alder	Low	5 - 10 feet	5 - 10 feet	
	Balsam Fir	2	Seedling	5		Re	ed Maple	Low	Variable	Variable	
	Hemlock	21		18	126	Ва	alsam Fir	Medium	Variable	Variable	
	White Spruce	2		13		Ca	attail spp.	Medium	Not Applicable	Not Applicabl	e e
	Red Maple	28		18	126			1	1	1	1
	Black Ash	2	Seedling	5							

Yellow Birch

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Report 7 - Stands

Compartment: 92 Year of Entry: 2027



Stand	Level 4 C	Cover Type		Size Density			Stand Age B	SA Range	Managed S	ite	General Comments	
78	42390 - Mixed Non	-Pine Uplar	nd Conifers	Sawtiml	oer Well	24.1	126	81-110	N/A	\	Werner Creek corridor. White spruce and hemlock are overstory	
	Canopy Species	% Cover	Size Class	s DBI	H Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	members.	
	Red Maple	15	Seedling	8		Ва	ılsam Fir	Low	5 - 10 feet	5 - 10 feet		
	Black Ash	4	Sapling	6				'	1	1	_	
	Black Spruce	10	Seedling	8								
	Yellow Birch	10	Sapling	6								
No	orthern White Cedar	51		12	126							
	Balsam Fir	10	Seedling	8								
79	4115 - Y.Biro	ch, Hemlock	k NH :	Sawtimbe	r Mediur	m 8.9	82	111-140	N/A	Λ.	SF 2025: Wetter hardwood stand, mostly okay quality log size red	
	Canopy Species	% Cover	Size Class	s DBI	H Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	maple.	
No	orthern White Cedar	10		10		WI	hite Pine	Low	5 - 10 feet	5 - 10 feet		
	Red Maple	60		10	82	Re	ed Maple	Medium	< 5 feet	< 5 feet		
	Hemlock	20		14		Ва	ılsam Fir	Medium	10 - 20 feet	10 - 20 feet		
	Yellow Birch	10		14		WI	hite Pine	Low	< 5 feet	< 5 feet		
				'	<u> </u>	Whi	te Spruce	Low	5 - 10 feet	5 - 10 feet		
80	6120 - Lo	wland Ceda	ar	Poletim	oer Well	1.4	80	81-110	N/A	\	SF 2025: Low conifer pocket	
	Canopy Species	% Cover	Size Class	s DBI	H Age							
	Balsam Fir	10	Sapling	6								
	Black Ash	13	Sapling	5								
No	orthern White Cedar	50	Seedling	9	80							
	Red Maple	10	Seedling	8								
	Yellow Birch	5	Seedling	8								
	Black Spruce	10	Sapling	6								
	Black Spruce	2		18								
81	6120 - Lo	wland Ceda	ar I	Poletimbe	r Mediur	m 7.2	105	81-110	N/A	\	Area has been thinned through in past. Yellow birch in overstory. Yellow	
	Canopy Species	% Cover	Size Class	s DBI	H Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	birch and black spruce saplings found. Clumpy distribution to cedar overstory.SF 2025: Much of black ash in overstory has died leaving	
No	orthern White Cedar	57	Seedling	7	105	Ва	ılsam Fir	Full	>20 feet	>20 feet	snags. Wet stand, much of stand is a swale. Last harvest gave stand a	
	Red Maple	10	Pole	3	25	Re	ed Maple	Medium	< 5 feet	< 5 feet	patchy overstory distribution and now saplings are coming up between	
	Black Ash	6	Sapling	6		Qual	king Aspen	Medium	>20 feet	>20 feet	holes in the canopy.	
	Balsam Poplar	10	Pole	4	25	BI	ack Ash	Medium	< 5 feet	< 5 feet		
	Balsam Fir	5	Seedling	6	25	Ta	ag Alder	Low	5 - 10 feet	5 - 10 feet		
	Yellow Birch	2		7			-			-	1	

Hemlock

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Stand	Level 4 C	over Type		Size De	nsity	Acres	Stand Age	BA Range	Managed Si	ite	General Comments		
82	6130 - Fir,	6130 - Fir, Aspen, Maple				11.1	3	81-110			SF 2025: Stand was harvested in 2025 under contract: #32-004-17 (2)		
				Sub-Ca	nopy Species	Density	Avg. Height	Size	TEast Lime". Prior to harvest it was typed as an upland mixed cover type dominated by red maple, fir, spruce, and some aspen. Stand is fully				
					Pa	per Birch	Trace	< 5 feet	< 5 feet	stocked with advanced regeneration as of 2025, although timber sale			
					Maple (spp.)		Medium	5 - 10 feet 5 - 10 feet	5 - 10 feet	was not yet closed out. Patches of stand are very wet and are not yet regenerating. Area in the north of the parent stand was used as retention.			
						Quak	Quaking Aspen		5 - 10 feet				
						Blad	ck Cherry	Low	5 - 10 feet	5 - 10 feet	Totoridori.		
						Bla	ack Ash	Low	5 - 10 feet	5 - 10 feet			
83	6113 - Lo	wland Map	le	Poletimb	er Well	12.8	106	81-110	N/A		SF 2025: Low ground red maple pole stand. Poor quality.		
	Canopy Species	% Cover	Size Class	DBH	Age								
	Quaking Aspen	10		17									
	Yellow Birch	10	Seedling	8									
	Paper Birch	20	Seedling	7									
	Sugar Maple	15	Seedling	7									
	Red Maple	45	Seedling	9	106								
84	6122 - B	lack Spruce	Э	Poletimb	er Well	7.8	69	81-110	N/A		SF 2025: Good quality black spruce stand, not yet deteriorating. Eastern part of stand is a patch of aspen. Black spruce saplings within are		
	Canopy Species	% Cover	Size Class		Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	unacceptable growing stock.		
	Yellow Birch	1		10		Ta	ag Alder	Low	5 - 10 feet	5 - 10 feet			
	Black Spruce	77	Seedling	7	69		rador Tea	Medium	5 - 10 feet	5 - 10 feet			
	Quaking Aspen	10		15	69	Blac	ck Spruce	Low	5 - 10 feet	5 - 10 feet			
Nor	rthern White Cedar	1		10									
	Hemlock	1		12									
	Balsam Fir	5	Seedling	5									
	Red Maple	5	Seedling	6									
85	612 - Lowland	Coniferous	Forest	Poletimb	er Poor	25.0	110	Unspecified	N/A		Very saturated soils.Sf2025: Time constraints, used old data. Airphoto shows small canopies, likely black ash, tag alder, cedar and other mixed small conifer poletimber.		
86	4112 - Maple, Beed	ch, Cherry	Association	Poletimb	er Well	1.6	85	141-170	N/A		SF 2025: Small, densely stocked northern hardwood stand heavy to recommendate. Ok quality. Maple saplings are unacceptable growing stock.		
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species		Avg. Height	Size	Thapie. Ok quality. Maple sapilings are unacceptable growing stock.		
	Yellow Birch	2	Seedling	7		Ва	lsam Fir	Low	Variable	Variable			
	Quaking Aspen	5		12		Maj	ple (spp.)	Medium	>20 feet	>20 feet			
	Paper Birch	3		7									
	White Spruce	5		11									
	Sugar Maple	20		8	85								
	Red Maple	65		7	85								
87	613 - Lowlar	nd Mixed Fo	prest	Poletimb	er Well	3.3	85	51-80	N/A		SF 2025: Small mixed conifer/hardwood island at tip of aspen stand. Should be treated with the aspen stand to the south because it is cut off from access to the west by very wet ground.		

Gwinn Mgt. Unit



Stand	Level 4 Co	over Type		Size De	nsity	Acres	Stand Age B	A Range	Managed S	ite	General Comments
88	6120 - Lov	wland Ceda	r F	Poletimber	Medium	10.3	85	51-80	N/A	1	Sf 2025: Very wet lowland cedar stand. Trees within are mostly small.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Sugar Maple	5	Seedling	5		Ta	ag Alder	Low	5 - 10 feet	5 - 10 feet	
	Black Spruce	5	Sapling	6							
No	rthern White Cedar	85	Seedling	6	85						
	Yellow Birch	5	Seedling	8							
89	6132 - Mixed Lowla	and Forest v	vith Cedar	Poletimb	er Well	38.3	126	81-110	N/A		Heavy to cedar lowland stand. Some black ash, balsam poplar, aspen, red maple, and yellow birch. Split off from larger lowland mixed stand because of access from adjacent compartment to the west.
90	6112 - Lov	wland Aspe	n	Poletimb	er Poor	5.4	106	51-80	N/A	1	SF 2025: Low ground blowdown area. Stand has fallen apart, canopy
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	coverage is closer to 25%, 50 basal area average with patches much lower than 50 basal area. Is naturally successing to mixed deciduous
	Balsam Fir	10	Sapling	5		Asp	en (spp.)	Medium	Variable	Variable	with maple and aspen being the dominant species coming up.
	Red Maple	5	Seedling	7		Maj	ple (spp.)	High	Variable	Variable	
	Black Cherry	5		12		Haze	elnut (Spp.)	Medium	5 - 10 feet	5 - 10 feet	
	Paper Birch	10	Seedling	8		Bl	ack Ash	Medium	Variable	Variable	
	White Spruce	10	Seedling	7		Blackbe	rry/Raspberry	Medium	< 5 feet	< 5 feet	
	Quaking Aspen	60		20	106	Pa	per Birch	Low	5 - 10 feet	5 - 10 feet	
91	4134 - Aspe	en, Spruce/l	Fir	Sawtimb	er Well	4.4	80	111-140	N/A	1	SF 2025: Old age aspen stand with heavy component of spruce and fir.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	Some healthy black cherry in stand, but overall low quality and aging out.
	Black Ash	1	Sapling	5		Bla	ack Ash	Low	< 5 feet	< 5 feet	
	Paper Birch	2	Seedling	7		Blad	ck Cherry	Trace	Variable	Variable	
	Quaking Aspen	52		16	80	Ва	lsam Fir	Low	5 - 10 feet	5 - 10 feet	
	Red Maple	5	Seedling	7		Iro	onwood	Medium	10 - 20 feet	10 - 20 feet	
	Balsam Fir	15	Seedling	7				'			_
	White Spruce	5	Seedling	9							
	Black Cherry	15		13							
	Sugar Maple	5	Seedling	7							

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Compartment: 92 Year of Entry: 2027



Stand	Level 4 C	over Type		Size Der	sity	Acres Stand Age	BA Range	Managed S	Site	General Comments
92	4199 - Other Mixe	d Upland D	Deciduous	Sawtimbe		4.0 80	81-110	N/A	Α	SF 2025: Upland mixed deciduous stand with heavy component of old- age aspen. Maple within is of okay quality.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Specie	es Density	Avg. Height	Size	age aspen. Maple within is of okay quality.
	White Spruce	8		15		Maple (spp.)	High	5 - 10 feet	5 - 10 feet	
	Paper Birch	1	Seedling	8		Balsam Fir	Low	Variable	Variable	
	Sugar Maple	8	Seedling	9		Black Cherry	Medium	Variable	Variable	
	Black Ash	3	Seedling	6		White Spruce	Low	Variable	Variable	
	Yellow Birch	1	Seedling	8		Aspen (spp.)	Low	Variable	Variable	
	Balsam Fir	8	Seedling	7						
	Quaking Aspen	31		16	80					
No	rthern White Cedar	1	Seedling	8						
	American Elm	1	Seedling	8						
	Red Maple	30		12	80					
	Black Cherry	8	Seedling	8						
93	6117 - Lowland Con	Deciduous iferous	, Mixed	Poletimbe	r Poor	19.0 50	51-80	N/A	Α	SF 2025: Variable lowland mixed stand. Stand contains multiple wet swales and intermittent streams
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Specie	es Density	Avg. Height	Size	
	Balsam Fir	5	Sapling	5		Tag Alder	Medium	5 - 10 feet	5 - 10 feet	
	Hemlock	5		18		Red Maple	High	Variable	Variable	
	Black Spruce	2	Seedling	8		Balsam Fir	Medium	Variable	Variable	
	Balsam Poplar	1		10		Aspen (spp.)	Low	5 - 10 feet	5 - 10 feet	
	Black Cherry	4		10		Hazelnut (Spp.)	Medium	5 - 10 feet	5 - 10 feet	
	Paper Birch	5	Seedling	8		Black Ash	Medium	Variable	Variable	
	Black Ash	5	Sapling	5	50		1			1
	White Spruce	5		10						
	Red Maple	50	Seedling	7	50					
	White Pine	1		22						
	Quaking Aspen	10		17						
Noi	rthern White Cedar	5	Seedling	8						
	Yellow Birch	2		16						
94	6120 - Lo	wland Ceda	ar	Poletimbe	r Poor	10.1 50	51-80	N/A	4	1/2 to 2/3 of black ash or sub-merchantable size. Ash pockets stagnant may never reach even one-stick size. Lot of standing water. Cedar
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Specie	s Density	Avg. Height	Size	patches.SF 2025: Low mixed stand. Much of the black ash canopy
No	thern White Cedar	50	Seedling	8	50	Balsam Fir	Low	5 - 10 feet	5 - 10 feet	has died leaving open patches. Low basal area, small timber. Tag alder
	Balsam Fir	15	Seedling	7		Tag Alder	High	5 - 10 feet	5 - 10 feet	coming up in open patches.
	Yellow Birch	4		8						_
	Paper Birch	4	Seedling	8						
	Black Spruce	5	Seedling	8						
	Balsam Poplar	2		10						
	Black Ash	5	Sapling	5	50					

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Red Maple

Stand	Level 4 Co	over Type		Size De	ensity	Acres	Stand Age E	3A Range	Managed S	Site	General Comments
95	6117 - Lowland Coni	Deciduous, ferous	Mixed	Poletimb	er Well	4.6	75	81-110	N/A	Ą	SF 2025: Aspen stand which is deteriorating due to advanced age. Contains a patch of nearly pure black spruce and some patches of poor
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	quality red maple and white birch poles. Stand is low ground.
	Black Cherry	3		9		Pa	per Birch	Trace	Variable	Variable	
No	rthern White Cedar	3	Seedling	9		Blad	ck Spruce	Low	Variable	Variable	
	Quaking Aspen	35		14	75	Qual	king Aspen	Low	< 5 feet	< 5 feet	
	Hemlock	1		12		Ва	ılsam Fir	High	< 5 feet	< 5 feet	
	Paper Birch	10	Seedling	7		Ва	ılsam Fir	Low	Variable	Variable	
	Red Maple	20		8		Ма	ple (spp.)	Low	Variable	Variable	
	Black Spruce	20	Seedling	7				,			-
	Yellow Birch	3		9							
	Balsam Fir	5	Seedling	6							
96	4119 - Mixed No	rthern Hard	dwoods	Poletimb	er Well	9.7	126	81-110	N/A	A	SF 2025: Upland with lowland, mixed deciduous stand split off from
	Canopy Species	% Cover	Size Class	DBI	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	surrounding lowland stand. Okay quality to hardwood species. Aspen is overmature.
	Quaking Aspen	2		23		Ва	ılsam Fir	High	5 - 10 feet	5 - 10 feet	
No	rthern White Cedar	5	Seedling	7		Ма	ple (spp.)	Low	5 - 10 feet	5 - 10 feet	
	White Spruce	3		9				,			-
	Red Maple	67	Seedling	9	126						
	Sugar Maple	10	Seedling	7	126						
	Hemlock	1		12							
	Yellow Birch	5	Seedling	8							
	Balsam Fir	2	Seedling	6							
	Paper Birch	5		11							
97	6112 - Lov	vland Aspe	n F	Poletimbe	r Mediur	n 19.6	85	81-110	N/A	4	SF 2025: Old-age aspen stand which is falling apart and naturally converting to red maple. 10-20% of aspen is 24+ inches in diameter.
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	Multiple wet swales within the stand. Black ash saplings are coming up
	White Spruce	2		8		Asp	en (spp.)	Medium	5 - 10 feet	5 - 10 feet	in many areas. Wet stand. Maple poles are poor quality.
No	rthern White Cedar	5		10		Haze	elnut (Spp.)	High	5 - 10 feet	5 - 10 feet	
	Paper Birch	7		7		Ва	lsam Fir	Medium	Variable	Variable	
	Yellow Birch	2		17		Re	ed Maple	High	10 - 20 feet	10 - 20 feet	
	Quaking Aspen	45		20	85	Whi	te Spruce	Medium	Variable	Variable	
	Hemlock	1		12		ВІ	ack Ash	High	5 - 10 feet	5 - 10 feet	
	Black Cherry	1	Seedling	7				,		'	-
	Red Maple	35		8							

Balsam Fir

2

Seedling

7

DBH Age

7

8

7

6

8

13 90

Sub-Canopy Species

White Spruce

Red Maple

Quaking Aspen

Balsam Fir

Balsam Fir

Size Class

Seedling

Seedling

Seedling

Seedling

Seedling

% Cover

15

5

10

5

5

60

Compartment: 92 Year of Entry: 2027

Stand	Level 4 C	over Type		Size De	ensity	Acres	Stand Age E	BA Range	Managed S	ite	General Comments
98	6113 - Lo	wland Mapl	е	Sawtimb	er Well	5.1	85	171-200	N/A		SF 2025: Small poor quality red maple stand. Large diameter log-size
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	trees are wildlife-quality and are of the poorest quality. Multiple wet swales within. Maple saplings are unacceptable growing stock.
	Black Ash	2	Seedling	6		Whi	ite Spruce	Low	< 5 feet	< 5 feet	orales main. Maple supings are anacceptable growing stock.
	Quaking Aspen	5		18		Qual	king Aspen	Low	< 5 feet	< 5 feet	
	White Spruce	5		9		Haze	elnut (Spp.)	Medium	5 - 10 feet	5 - 10 feet	
	Red Maple	16		22		Re	ed Maple	Medium	10 - 20 feet	10 - 20 feet	
	Hemlock	5		12		BI	ack Ash	Medium	5 - 10 feet	5 - 10 feet	
	Yellow Birch	2		9		Ва	alsam Fir	High	>20 feet	>20 feet	
	Red Maple	60	Seedling	9	85						-
No	rthern White Cedar	5	Seedling	6							
99	6119 - Mixed Lowla	and Decidu	ous Forest	Poletimb	er Well	31.7	77	111-140	N/A		SF 2025: Mixed deciduous lowland stand. Maple saplings within are
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	unacceptable growing stock. 77 years old. Aspen is deteriorating, but other species are still healthy. Southern tip a little heavier to paper birch
	White Spruce	5		13		Whi	ite Spruce	Low	5 - 10 feet	5 - 10 feet	than main part of stand.
	Paper Birch	13	Seedling	8	77	Ba	alsam Fir	High	Variable	Variable	·
	White Pine	1		22		Ire	onwood	Low	5 - 10 feet	5 - 10 feet	
	Yellow Birch	10		18		Ма	ple (spp.)	Low	Variable	Variable	
	Red Maple	55	Seedling	7	77	Yel	llow Birch	Trace	Variable	Variable	
	Hemlock	1		18				'			_
	Black Ash	3	Sapling	5							
	Balsam Fir	7	Seedling	6							
	Quaking Aspen	5		16							
100	6113 - Lo	wland Mapl	е	Poletimb	er Well	12.3	85	81-110	N/A		SF 2025: Low ground red maple stand, poor quality and slow growing.
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	Basal area is highly variable between upland ground and lowland ground, with low ground showing basal areas as low as 50-70. Red
	Hemlock	1		12		Ва	alsam Fir	Medium	< 5 feet	< 5 feet	maple saplings are unacceptable growing stock.
	Paper Birch	3		7		Whi	ite Spruce	Low	< 5 feet	< 5 feet	
	Red Maple	80		8	85	Ва	alsam Fir	Low	Variable	Variable	
No	rthern White Cedar	5	Seedling	7		Re	ed Maple	Low	>20 feet	>20 feet	
	Yellow Birch	2		12							•
	White Spruce	2		8							
	Quaking Aspen	5		18							
	Balsam Fir	2	Seedling	5							
101	4130	- Aspen	S	Sawtimbe	r Medium	1 4.6	90	81-110	N/A		SF 2025: Stand is large diameter aspen which has gone past its
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Ava. Height	Size	economic rotation age. A fair amount of blowdown is within the stand,

Density

Low

High

High

High

Medium

Avg. Height

Variable

Variable

< 5 feet

< 5 feet

Variable

Size

Variable

Variable

< 5 feet

< 5 feet

Variable

Canopy Species

Red Maple

Balsam Fir

Paper Birch

Sugar Maple

Black Spruce

Quaking Aspen

deteriorating and successing.

but the basal area is still around 100. Stand is in the process of

DNR

Stand	Level 4 C	over Type		Size De	ensity	Acres	Stand Age E	3A Range	Managed S	Site	General Comments
102	6122 - B	lack Spruce		Poletimb	er Well	2.0	75	51-80	N//	A	SF 2025: Small acreage black spruce. Good quality and basal area.
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Red Maple	5	Sapling	5		Le	atherleaf	Medium	5 - 10 feet	5 - 10 feet	
	Balsam Fir	5	Sapling	5		Re	ed Maple	Low	Variable	Variable	
	Black Spruce	85	Seedling	7	75	Ва	ılsam Fir	Low	Variable	Variable	
	Quaking Aspen	5		14		Ta	ag Alder	Low	5 - 10 feet	5 - 10 feet	
103	4119 - Mixed No	orthern Hard	dwoods	Sawtimb	er Well	13.2	100	111-140	N//	A	Select cut in 1997 under permit #32-031-97-01.SF 2025: Stand is an
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	okay quality northern hardwood stand heavier to sugar maple, but with a diverse mix of species. Maple regeneration present was unacceptable
	White Spruce	10		10		Whi	te Spruce	Low	< 5 feet	< 5 feet	growing stock. Large area of spruce-fir, roughly 2.5 acres, in the center
No	rthern White Cedar	2	Seedling	8		Ва	ılsam Fir	Medium	10 - 20 feet	10 - 20 feet	of the stand.
	Black Cherry	1		9		Ма	ple (spp.)	Low	10 - 20 feet	10 - 20 feet	
	Yellow Birch	10		16		Ва	ılsam Fir	High	< 5 feet	< 5 feet	
	Quaking Aspen	5		12							_
	Hemlock	1		12							
	Sugar Maple	55		14	100						
	Red Maple	5		10							
	Balsam Fir	10	Seedling	8							
	White Pine	1		24							
104	6120 - Lo	wland Ceda	ır S	awtimbe	r Medium	9.0	108	111-140	N//	A	SF 2025: Mostly mixed lowland conifers with some hardwood in
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	7 patches. Very wet, multiple swales. Canopy is falling apart in patches as ash dies
	Red Maple	23		7		Whi	te Spruce	Low	Variable	Variable	
	Hemlock	10		25		Ta	ag Alder	High	5 - 10 feet	5 - 10 feet	
	White Spruce	2		14		Ва	ılsam Fir	Medium	10 - 20 feet	10 - 20 feet	
	Balsam Fir	5	Seedling	8		Haze	elnut (Spp.)	Low	5 - 10 feet	5 - 10 feet	
	White Pine	3		18				•			
No	rthern White Cedar	50		13	108						
	Black Ash	5	Seedling	5							
	Yellow Birch	2		7							
105	4112 - Maple, Beed	ch, Cherry A	ssociation	Sawtimb	er Well	9.0	85	111-140	N//	Ą	SF 2025: Dense, okay quality, northern hardwoods stand heavy to red
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	maple. Most red maple saplings are unacceptable growing stock.
	Red Maple	75		12	85	Haze	elnut (Spp.)	Low	5 - 10 feet	5 - 10 feet	
	Black Cherry	5		8		Re	ed Maple	Low	10 - 20 feet	10 - 20 feet	
	White Spruce	5	Seedling	8		Qual	king Aspen	Low	10 - 20 feet	10 - 20 feet	
										1	+

Low

High

Variable

Variable

Sugar Maple

Yellow Birch

10

5

8

6

White Spruce

Balsam Fir

Variable

Variable

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Stand	Level 4 Co	ver Type		Size D	ensity	Acres	Stand Age	BA Range	Managed S	Site	General Comments
106	6120 - Lov	/land Ceda	r	Sawtim	oer We	II 3.7	95	81-110	N/A	A	Wet cedar pocket cut off by lowlands.
	Canopy Species	% Cover	Size Class	DB	H Age						
	Yellow Birch	4	Seedling	8							
	Balsam Fir	5	Seedling	6	95						
No	rthern White Cedar	72		10	95						
	Hemlock	5		12							
	Balsam Poplar	4		10							
	Red Maple	10	Seedling	6	95						
108	6128 - Lowland (Deci	Coniferous, duous	Mixed	Saplin	g Well	21.1	126		N/A	A	Stand appears the same as Q2 stand to the west.
109	6118 - Lowland De	ciduous wi	ith Cedar P	oletimbe	r Mediu	um 10.3	85	111-140	N/A	A	Mixed lowland deciduous stand heavy to red maple, paper birch, white
	Canopy Species	% Cover	Size Class	DB	H Age	Sub-Ca	anopy Specie	s Density	Avg. Height	Size	cedar, and yellow birch. Paper birch beginning to decline. Old cedar stumps suggest stand origin was a timber harvest. Much of black ash is
	White Spruce	5		14		В	lack Ash	Medium	< 5 feet	< 5 feet	on stand edges and is dying or already dead. White spruce are windfirm
	Yellow Birch	10		15		В	alsam Fir	Low	5 - 10 feet	5 - 10 feet	super canopy trees. Good quality to paper birch. Poor quality to red
	Balsam Fir	5	Seedling	6		Т	ag Alder	Medium	5 - 10 feet	5 - 10 feet	maple stems. Yellow birch is mostly wildlife-quality. Red maple saplings are unacceptable growing stock. More red maple in the north portion of
	White Pine	1		18		Wh	nite Spruce	Low	Variable	Variable	the stand, while there is more paper birch in the southern finger of the
	Balsam Poplar	2		16		R	ed Maple	Medium	10 - 20 feet	10 - 20 feet	stand.
	Paper Birch	20	Seedling	8	85	Northe	n White Ceda	r Trace	10 - 20 feet	10 - 20 feet	
	Red Maple	31		8	85	Wh	nite Spruce	Medium	< 5 feet	< 5 feet	
	Black Ash	4	Sapling	5	50						
No	rthern White Cedar	22		9							
110	6120 - Lov	/land Ceda	ır	Sawtim	oer We	II 36.5	126	171-200	N/A	A	Black ash saplings found. White birch and tamarack are overstory associates. Stream running through stand (15 feet wide in certain
	Canopy Species	% Cover	Size Class	DB	H Age	Sub-Ca	anopy Specie	s Density	Avg. Height	Size	stretches).SF 2025: Wet cedar stand with pockets of dead black
	Balsam Poplar	4		13		В	alsam Fir	Low	5 - 10 feet	5 - 10 feet	ash. Stream running through stand.
	Yellow Birch	2		8							
No	rthern White Cedar	70		12	126						
	Black Ash	5	Seedling	5							
	White Spruce	4		12							
	Balsam Fir	5	Seedling	6							
	Paper Birch	5		10							
	Red Maple	5	Seedling	7							

Report 7 - Stands

Compartment: 92 Year of Entry: 2027 DNR DNR

Stand	Level 4 Co	over Type		Size Density	Acres	Stand Age B	A Range	Managed S	ite	General Comments
112	6119 - Mixed Lowland Deciduous Forest		Sawtimber Well	21.4	126	111-140	N/A	١	SF 2025: Lowland mixed deciduous/maple stand in the pole/ log size	
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	class. Not much acceptable advanced regeneration in the understory.
	Yellow Birch	5		9	Ва	ılsam Fir	Low	5 - 10 feet	5 - 10 feet	
	Paper Birch	5		8						_
No	rthern White Cedar	8		9 126						
	Black Ash	5	Seedling	5						
	Black Spruce	2		14						
	Balsam Fir	3	Seedling	7						
	Balsam Poplar	15		13						
	Red Maple	57		8 126						
13	6118 - Lowland De	eciduous wi	ith Cedar	Poletimber Well	9.3	126	81-110	N/A	`	SF 2025: Lowland birch stand. Birch is just starting to deteriorate and
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	die. Intermittent stream is near the stand edge to the northeast.
	Paper Birch	50	Seedling	9 126	BI	ack Ash	Low	Variable	Variable	
	Balsam Fir	5	Seedling	7	Ма	ple (spp.)	Low	Variable	Variable	
No	rthern White Cedar	20		10 126	Ва	ılsam Fir	Low	Variable	Variable	
	Yellow Birch	2		10	Yel	low Birch	Trace	10 - 20 feet	10 - 20 feet	
	Balsam Poplar	5		18						_
	Red Maple	15	Seedling	8						
	Black Ash	3	Seedling	5						
14	6118 - Lowland De	eciduous wi	ith Cedar	Poletimber Poor	3.8	126	51-80	N/A	`	SF 2025: Wet lowland mixed deciduous stand. Canopy sparse.
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Paper Birch	5	Seedling	6	Ва	ılsam Fir	Low	5 - 10 feet	5 - 10 feet	
	Black Ash	5	Seedling	5						
No	rthern White Cedar	20	Seedling	7 126						
	Red Maple	45	Seedling	6 126						
	Balsam Fir	10	Pole	4						
	Yellow Birch	5	Seedling	8						
	Balsam Poplar	5		10						
	Black Spruce	5	Pole	4						