

## **Compartment Review Presentation**

**Gwinn Forest Management Unit** 

County Alger

Compartment 32091 Entry Year 2025 Acreage: 1,760

Management Area: Menominee-Marquette

Stand Examiner: Peter Holodnick

**Legal Description:** 

T45N, R22W, Sections 19,20,31; T44N, R22W, Sections 5-8,17,18

## **Identified Planning Goals:**

Management goals of this compartment are to improve the quality of the extensive Northern Hardwoods stands through selective management while maintaining the conifer content and den trees for wildlife. Additional work needs to be done to improve the access to this compartment for active timber management and public access

## Soil and topography:

Geologic features include glacial drainage ways, till plains and ground moraines. Topography is nearly level. Soils are poorly drained organics and loams, and well drained loams. Major soil series include the Shoepac-Ensley complex, Chatham-Ensley, Charlevoix-Ensley complex, and Cathro-Ensley mucks.

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

This compartment is widely scattered and interspersed with many private land holdings and camps. Primary land use is production of commercial forest products and recreational uses.

#### **Unique Natural Features:**

No Unique Natural Features known.

## Archeological, Historical, and Cultural Features:

No Archeological, Historical, or Cultural Features known.

#### **Special Management Designations or Considerations:**

Previously designated potential old growth areas located in proximity to the streams in this area are being recommended for removal from that status. No evidence of old growth was found in this area.

#### Watershed and Fisheries Considerations:

The northern region of this compartment contains the West Branch Whitefish River. The West Branch Whitefish River is a designated Type 1 trout stream less than 50-foot wide and has a predicted mean July water temperature of 65.3 °F (cool stream).

The central region of this compartment contains Sucker Creek. Sucker Creek is a designated Type 1 trout stream less than 50-foot wide and has a predicted mean July water temperature of 63.8 °F (cold cool stream).

The southern region of this compartment contains Werners Creek. Werners Creek is a designated Type 1 trout stream less than 50-foot wide and has a predicted mean July water temperature of 65.8 °F (cool stream).

A minimum 300-foot buffer is recommended for the West Branch Whitefish River, Sucker Creek, and Werner 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, buffer 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 southeastern Marquette, southwestern Alger, and northwestern Delta Counties. The dominant Natural Communities are poor conifer swamps, mesic northern forests, and dry northern forests. Major forest cover types include Northern Hardwood, Aspen, and Mixed Lowland Conifer. This management area contains a large proportion of hardwood forest which regenerates well partly due to the heavier snow cover and lower deer numbers than the southern portion of this Management Area. The most significant wildlife management issues in the management area are mast (hard and soft); mature forest (upland deciduous, especially aspen and mixed forest with little understory); course woody debris, early successional forest, and deer wintering complexes.

The following have been identified as featured species for the Menominee-Marquette Management Area: American Woodcock, Blackburnian Warbler, Cerulean Warbler, Golden-winged Warbler, Black-backed Woodpecker, Ruffed Grouse, Turkey, American Marten, Snowshoe Hare, White-tailed Deer, Black Bear.

## Mineral Resource and Development Concerns and/or Restrictions

Surface sediments consist of medium-textured glacial till. The glacial drift thickness varies between 10 and 50 feet. The Ordovician Black River Group subcrops below the glacial drift. The Black River is quarried for stone/dolomite elsewhere in the UP. Gravel pits are located in the compartment, and potential appears to be good. This compartment has never been leased for metallic exploration. There is no economic oil and gas production in the UP.

#### **Vehicle Access:**

Vehicle access to this compartment is limited due to gated private land, and lowlands. Access from the West is primarily from Marquette County Road 444. From the East this compartment can be accessed from Johnson road through a gated private road and from Diffin road. Management access is limited by low weight limit bridges across the west branch of the Whitefish river and Werner creek.

## **Survey Needs:**

Additional survey work on private lines adjacent to proposed harvests is needed

## **Recreational Facilities and Opportunities:**

Limited recreational activity for this area include ruffed grouse and whitetail deer hunting. The Whitefish River Boating Access Site is located in this compartment.

#### Fire Protection:

This compartment has a low risk of wildfire occurrence.

### **Additional Compartment Information:**

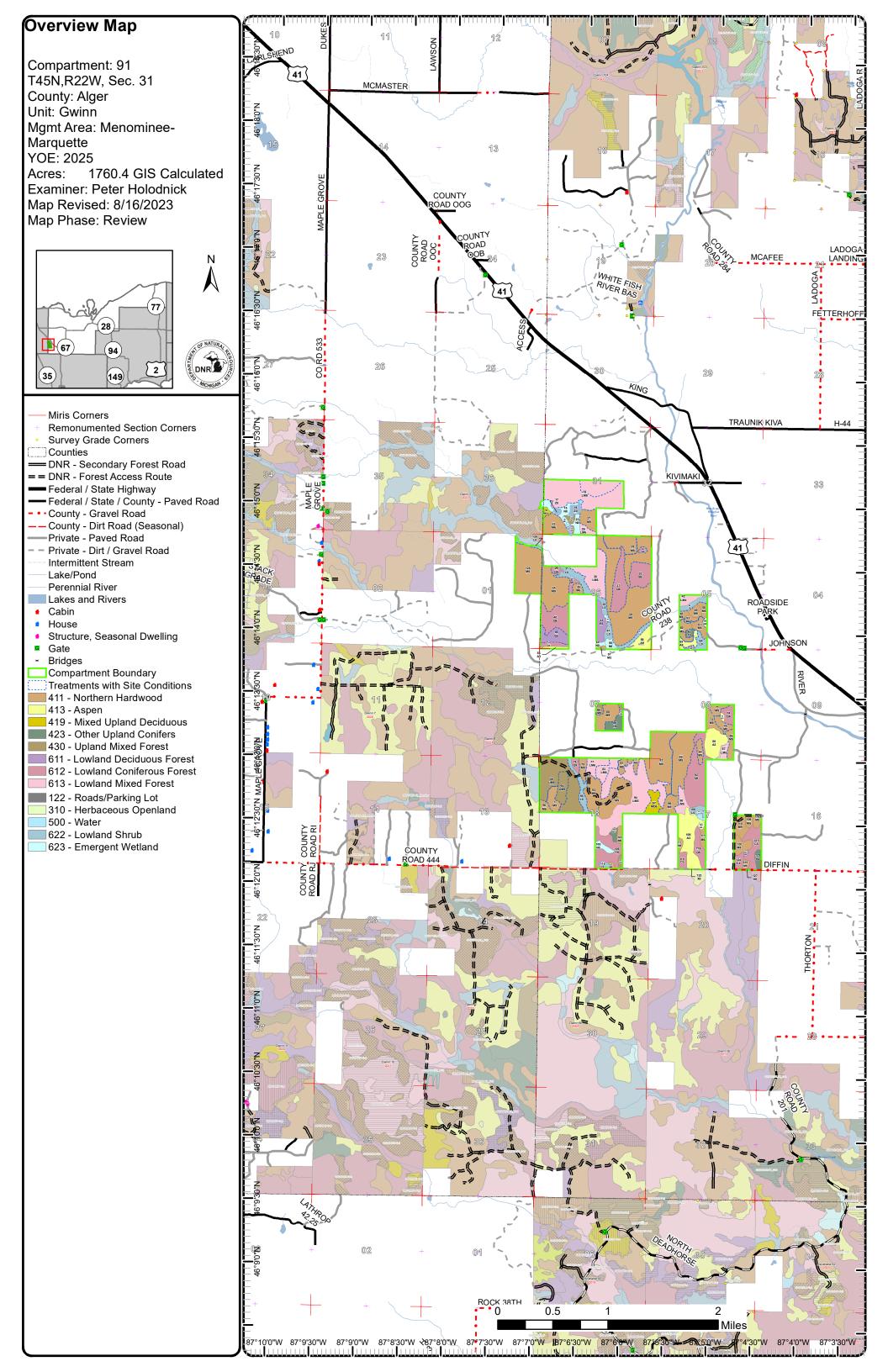
No additional information at this time.

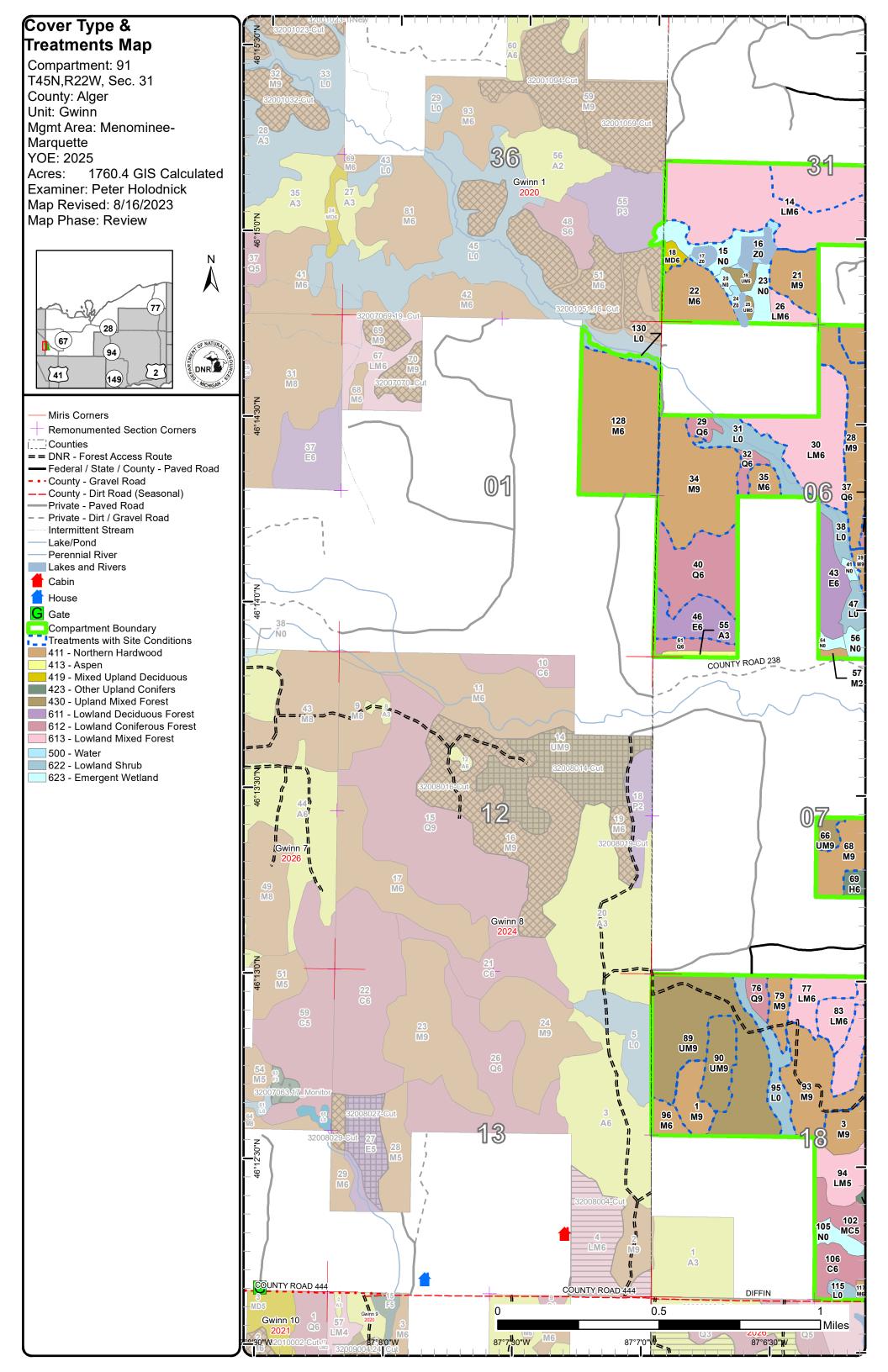
## The following reports from the Inventory are attached:

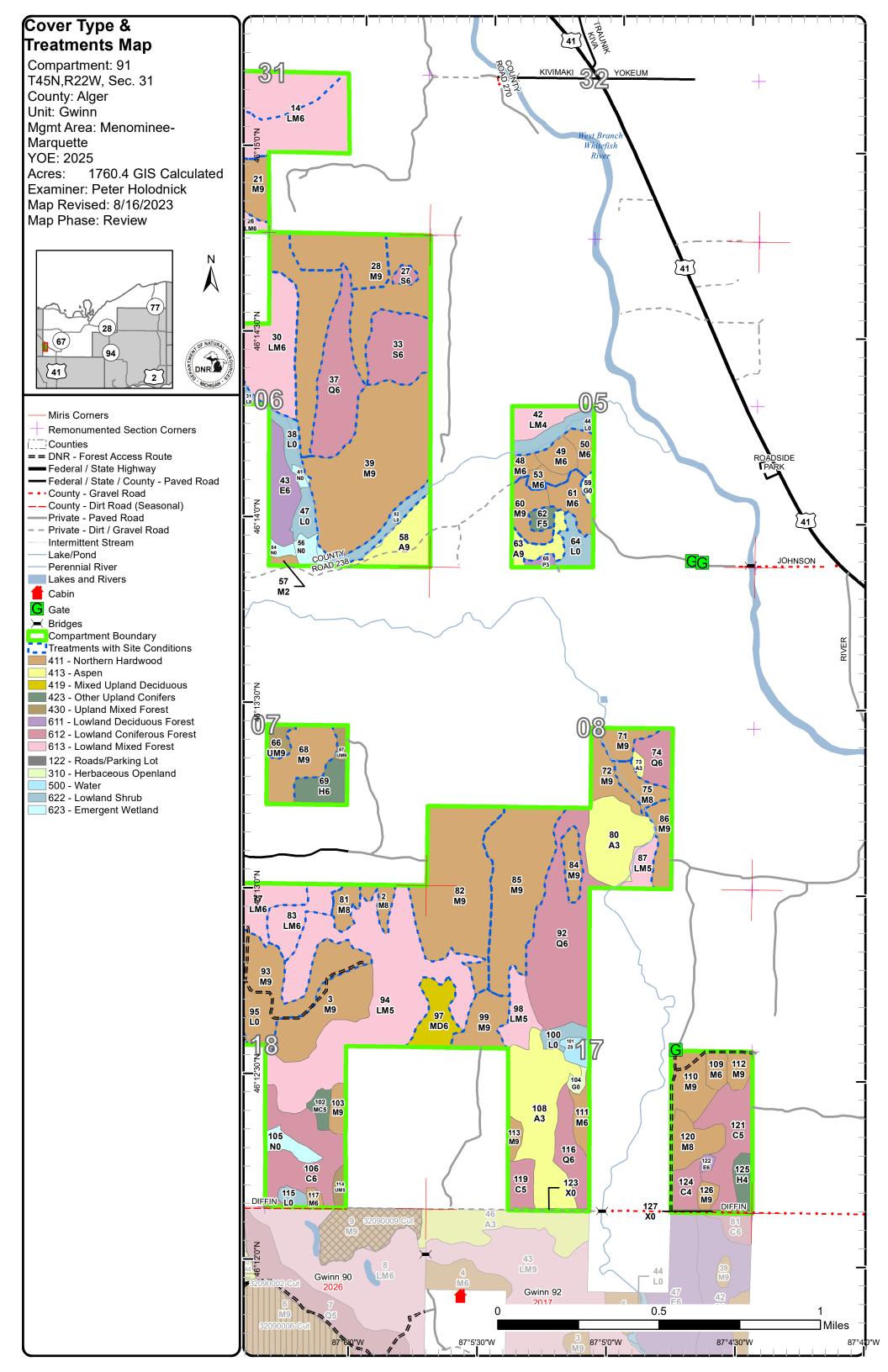
Total Acres by Cover Type and Age Class
Cover Type by Harvest Method
Proposed Treatments – No Limiting Factors
Proposed Treatments – With Limiting Factors
Stand Details (Forested and Nonforested)
Dedicated and Proposed Special Conservation Areas
Site Condition Details

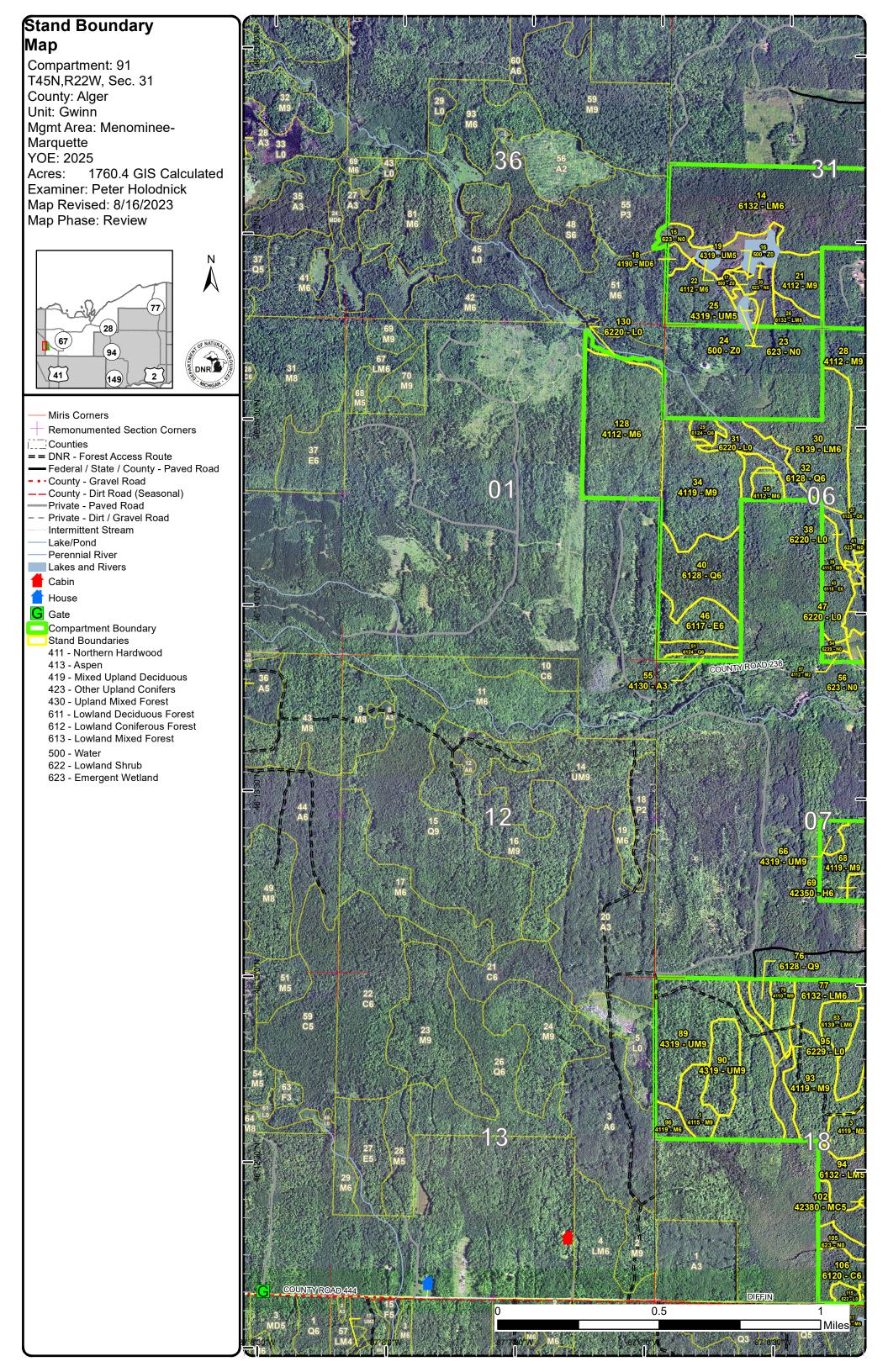
The following information is displayed, where pertinent, on the attached compartment maps:

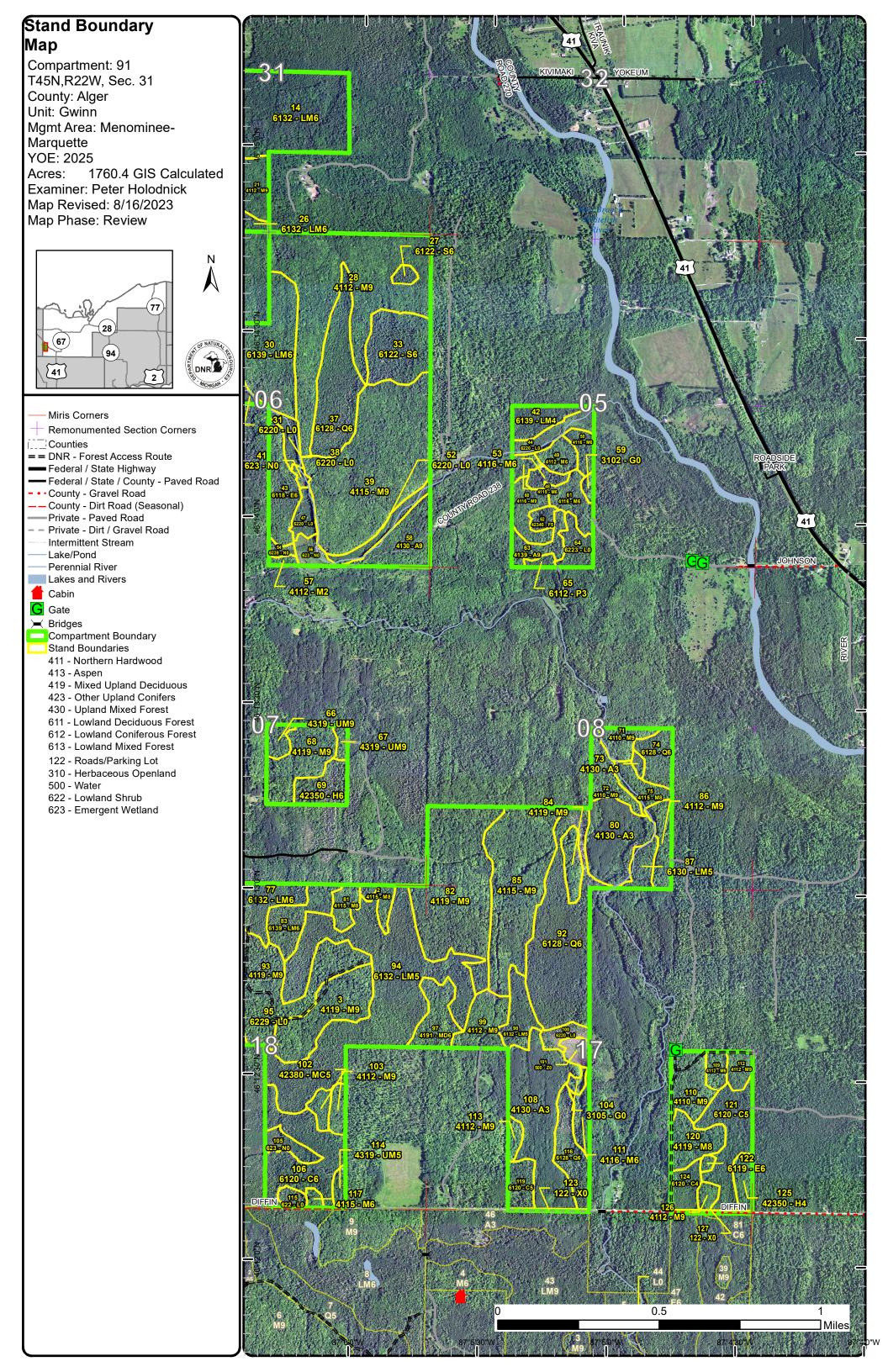
Base feature information, stand boundaries, cover types, and numbers Proposed treatments
Site condition boundaries
Details on the road access system

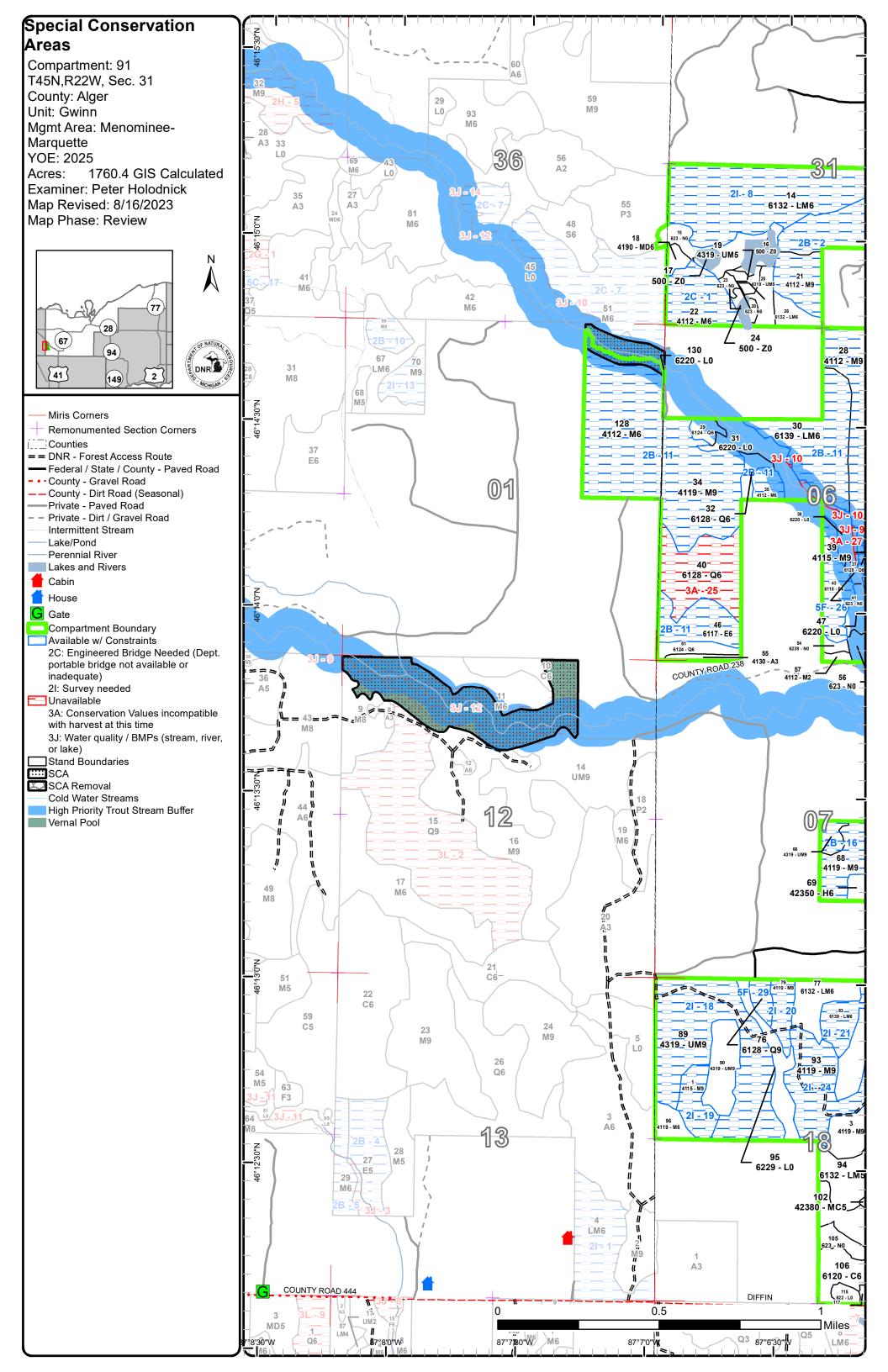


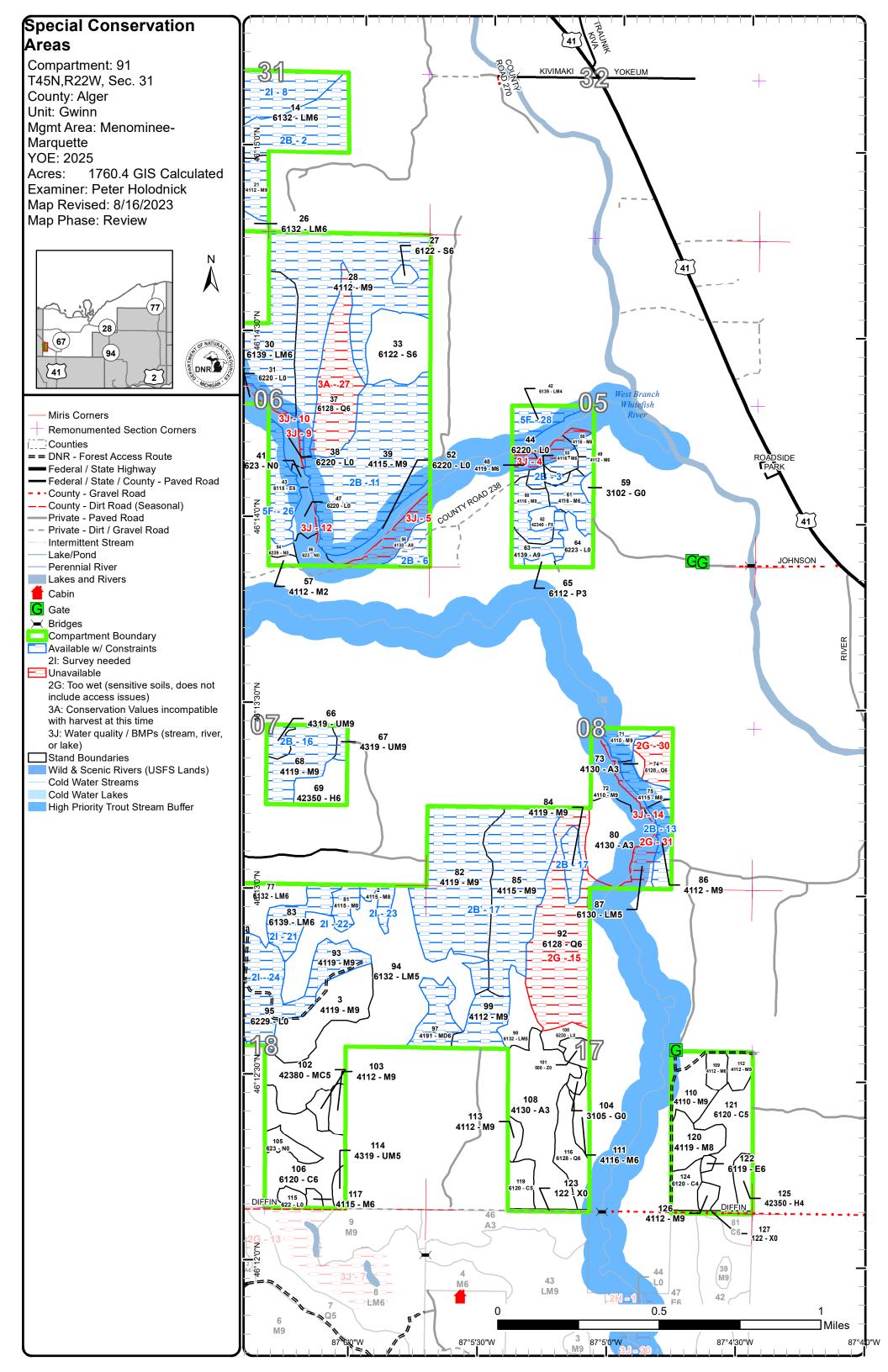












Compartment 91

Year of Entry 2025

Peter Holodnick: Examiner

Gwinn Mgt. Unit



## Age Class

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	Age.	kon /	3 / 2		\$ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	3 /		3/8					a za				,	å Jug	No. of Low
Aspen	0	0	0	72	4	0	0	0	0	27	0	0	0	0	0	0	0	0	102
Cedar	0	0	0	0	0	0	0	0	0	8	8	24	32	0	0	0	0	0	72
Hemlock	0	0	0	0	0	0	0	0	6	0	0	11	0	0	0	0	0	0	17
Herbaceous Openland	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Lowland Aspen/Balsam Poplar	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
Lowland Conifers	0	0	0	0	0	4	0	21	0	39	15	35	60	0	0	0	0	0	174
Lowland Deciduous	0	0	0	0	0	0	0	0	20	0	17	0	0	0	0	0	0	0	37
Lowland Mixed Forest	0	0	0	0	0	0	0	0	17	67	117	0	121	0	0	0	0	0	321
Lowland Shrub	76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	76
Lowland Spruce/Fir	0	0	0	0	0	0	0	26	2	0	0	0	0	0	0	0	0	0	28
Marsh	36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	36
Mixed Upland Deciduous	0	0	0	0	0	0	0	0	0	17	0	0	0	0	0	0	0	0	17
Northern Hardwood	0	0	0	0	2	0	0	15	10	130	27	80	0	0	0	0	0	482	746
Upland Conifers	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	4
Upland Mixed Forest	0	0	0	0	0	0	0	3	2	0	0	3	0	0	3	0	0	95	106
Upland Spruce/Fir	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3
Urban	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Water	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14
Total	133	0	0	72	6	9	0	65	57	292	184	153	213	0	3	0	0	577	1762



## Report 2 - Treatment Summary

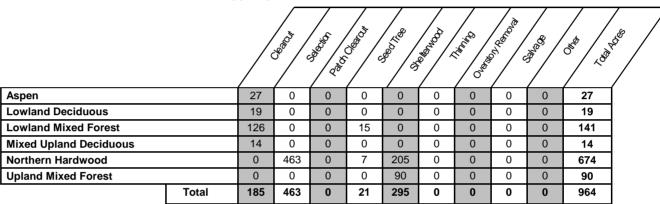
# Gwinn Mgt. Unit Year of Entry: 2025

#### **Acres of Harvest**

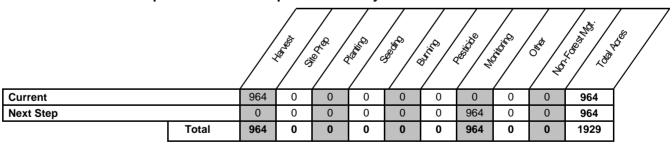
Compartment 91
Total Compartment Acres: 1,760

Commercial Harvest - 46 Harvests with Site Condition - 918 Next Step Harvest - 0 Habitat Cut - 0

## **Cover Type by Harvest Method**



## **Proposed and Next Step Treatments by Method**



Gwinn Mgt. Unit Report 3 -- Treatments Compartment: 91 S Year of Entry: 2025 t а **Treatment** Stand Size Stand BA **Treatment Treatment Cover Type** Acres Age Habitat n Name CoverType Density Age Range Type Method Objective Structure Cut Ч **Proposed Treatments:** 32091001-Cut 4115 - Y.Birch, Sawtimber 411 - Northern 12.3 105 111-Harvest Single Tree Uneven-No Well Selection Hardwood Hemlock NH 140 Aged Prescription Mark stand to 70-90 BA. Focus marking on poor quality stems while retaining future wildlife snag/cavity trees. Leave cedar, hemlock, and Specs: black cherry and yellow birch. Remove all merchantable spruce/fir. This treatment is to release crop trees and improve overall stand quality and health while retaining the component of cavity trees currently found across the stand. Favor diversity. Next Step Monitoring, Natural Regen (Re-Inventory) Treatments: Acceptable any tree species currently in the overstory is acceptable. Regen: Other Comment: Site Condition Survey Needed Proposed Start Date: 10/1 /2024 32091002-Cut 5.0 4115 - Y.Birch, Sawtimber 100 81-110 Harvest Shelterwood with 411 - Northern Two-Aged No Hemlock NH Medium Retention Hardwood Prescription Mark trees to between 40-60 BA. Focus your cut tree marking on poor form and deformities. No cut Hemlock and Cedar. Favor to keep Yellow Birch and Black Cherry. Strive to increase diversity when possible. Leave 3-10% retention. Specs: Next Step Monitoring, Natural Regen (Re-Inventory) Treatments: Acceptable Any tree species currently in the overstory is acceptable. Regen: **Other** Comment:

Site Condition Survey Needed Proposed Start Date: 10/1 /2024

32091003-Cut 27.4 4119 - Mixed Sawtimber 105 111-Harvest Single Tree 411 - Northern Uneven-Nο Northern Hardwoods Well 140 Selection Hardwood Aged

Prescription Mark stand to 70-90 BA. Focus marking on poor quality stems while retaining future wildlife snag/cavity trees. Leave cedar, hemlock, and Specs: black cherry and yellow birch. Remove all merchantable spruce/fir. This treatment is to release crop trees and improve overall stand quality and health while retaining the component of cavity trees currently found across the stand. Favor diversity.

Next Step Monitoring, Natural Regen (Re-Inventory)

**Treatments:** 

Acceptable Any tree species currently in the overstory is acceptable.

Regen:

Other Comment:

Site Condition

Proposed Start Date: 10/1 /2024

Proposed Start Date: 10/1 /2024

32091022-Cut 21.9 4112 - Maple. Poletimber 90 111-Harvest Single Tree 411 - Northern Uneven-No Beech, Cherry Well 140 Selection Hardwood Aged Association

Prescription Mark stand to 70-90 BA. Focus marking on poor quality stems while retaining future wildlife snag/cavity trees. Leave cedar, hemlock, Yellow Birch and Black Cherry. Remove all merchantable spruce/fir. This treatment is to release crop trees and improve overall stand quality and Specs: health while retaining the component of cavity trees currently found across the stand. Favor diversity.

Next Step Monitoring, Natural Regen (Re-Inventory)

**Treatments**:

Acceptable Any tree species currently in the overstory is acceptable

Regen:

Other Comment:

Site Condition Engineered Bridge Needed

Proposed Start Date: 10/1 /2024

Comment:

Site Condition Unknown Access

Proposed Start Date: 10/1 /2024

32091030-Cut 41.9 6139 - Mixed Poletimber 80 Unspec Harvest Clearcut with 613 - Lowland Even-Aged No Mixed Forest Lowland Forest Well ified Retention

Prescription Cut all trees but Hemlock, Cedar, Yellow Birch, and Black Cherry. Leave 3-10% retention in areas with lot of leave trees. Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Any tree species currently in the overstory is acceptable.

Regen:

Other Comment:

Site Condition Unknown Access Site Condition Unknown Access

Proposed Start Date: 10/1 /2024

32091039-Cut 87.3 4115 - Y.Birch, Sawtimber 100 171-Harvest Single Tree 411 - Northern Uneven-No Hemlock NH Well 200 Selection Hardwood Aged

Prescription Specs: Mark stand to 70-90 BA. Focus marking on poor quality stems while retaining future wildlife snag/cavity trees. Leave cedar, hemlock, and black cherry. Remove all merchantable spruce/fir. This treatment is to release crop trees and improve overall stand quality and health while retaining the component of cavity trees currently found across the stand. Favor yellow birch and other minor tree species.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Any tree species currently in the overstory is acceptable.

Regen:

Other Comment:

Site Condition Unknown Access
Proposed Start Date: 10/1 /2024

S t		Gwini	n Mgt. Unit		Repoi	rt 3 '	Treatments		Compartmen Year of Entry		DNR DNR
a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
46	32091046-Cut		6117 - Lowland Deciduous, Mixed Coniferous	Poletimbe Well	r 70	111- 140	Harvest	Clearcut with Retention	611 - Lowland Deciduous Forest	Even-Aged	No
Pres Spec		but Hemlo	ock, Cedar, Black C	herry and Y	'ellow E	Birch. Lea	ave 3-10% reten	tion in areas with hi	gh densities of le	ave trees.	
	Step Monito	ring, Natuı	al Regen (Re-Inver	ntory)							
Acce Rege		e species	currently in the ove	rstory is ac	ceptabl	e.					
Othe Com	<u>er</u> iment:										
	Condition Unk	nown Acc : 10/1 /20									
49	32091050-Cut	19.3	4112 - Maple, Beech, Cherry Association	Poletimbe Well	er 67	141- 170	Harvest	Shelterwood with Retention	411 - Northern Hardwood	Even-Aged	No
Pres Spec			ock, Cedar, Red Ma 00ft river buffer.	ple, and Su	ıgar Ma	ple and B	asswood. Mark	Red Maple and Su	gar maple down	to 40-60 BA.	Leave
	: Step Monito	ring, Natui	ral Regen (Re-Inver	ntory)							
Acce Rege		e species	currently in the ove	rstory is ac	ceptabl	e.					
Othe Com	e <u>r</u> nment:										
Site	Condition Unl	known Acc	ess								
Prop	osed Start Date	<u>:</u> 10/1 /20	)24								
58	32091058-Cut	18.1	4130 - Aspen	Sawtimbe Well	r 86	141- 170	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
Spec	CS:		Cherry down to 2 in		Leave	a 300ft b	ouffer on Sucke	r Creek as a beaver	buffer and use th	nat as your re	tention.

<u>Acceptable</u> Any tree species currently in the overstory is acceptable.

Regen:

Other Comment:

Site Condition BMPs

Proposed Start Date: 10/1 /2024

63 32091063-Cut 8.4 4139 - Aspen, Sawtimber 80 141- Harvest Clearcut 413 - Aspen Even-Aged Mixed Deciduous Well 170

<u>Prescription</u> Cut all but Hemlock, Cedar, and Black Cherry down to 2 inches DBH. No retention is needed due to the small size.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Any tree species currently in the overstory is acceptable.

Regen:

Other Comment:

<u>Site Condition</u> Unknown Access Proposed Start Date: 10/1 /2024

32091068-Cut Sawtimber 21.1 4119 - Mixed 105 111-Harvest Single Tree 411 - Northern Uneven-No Northern Hardwoods Selection Hardwood 140 Aged

Prescription Specs: Mark stand to 70-90 BA. Focus marking on poor quality stems while retaining future wildlife snag/cavity trees. Leave cedar, hemlock, and black cherry and yellow birch. Remove all merchantable spruce/fir. This treatment is to release crop trees and improve overall stand quality and health while retaining the component of cavity trees currently found across the stand. Favor basswood and other underrepresented

species.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Any tree species currently in the overstory is acceptable.

Regen:

Other Comment:

<u>Site Condition</u> Unknown Access <u>Proposed Start Date:</u> 10/1 /2024

<u>Site Condition</u> Unknown Access <u>Proposed Start Date:</u> 10/1 /2024

79 32091079-Cut 8.3 4110 - Sugar Maple Sawtimber 100 111- Harvest Single Tree 411 - Northern Uneven- No Association Well 140 Selection Hardwood Aged

Prescription Specs: Mark stand to 70-90 BA. Focus marking on poor quality stems while retaining future wildlife snag/cavity trees. Leave cedar, hemlock, and black cherry and yellow birch. Remove all merchantable spruce/fir. This treatment is to release crop trees and improve overall stand quality and health while retaining the component of cavity trees currently found across the stand. Favor diversity.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

<u>Acceptable</u> Any tree species currently in the overstory is acceptable.

Regen:

Other Comment:

<u>Site Condition</u> Survey Needed <u>Proposed Start Date:</u> 10/1 /2024

83 32091083-Cut 14.6 6139 - Mixed Poletimber 80 81-110 Harvest Seed Tree with 613 - Lowland Even-Aged No Lowland Forest Well Retention Mixed Forest

<u>Prescription</u> Cut all but Hemlock, Cedar, Yellow Birch, and Black Cherry. Leave 3-10% retention in areas of high density leave trees. <u>Specs:</u>

<u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Any tree species currently in the overstory is acceptable.

Regen:

Other Comment:

Site Condition Survey Needed

Proposed Start Date: 10/1 /2024

84 32091084-Cut 6.8 4119 - Mixed Sawtimber 105 111- Harvest Seed Tree with 411 - Northern Even-Aged No Northern Hardwoods Well 140 Retention Hardwood

<u>Prescription</u> Cut all but Hemlock, Cedar, Yellow Birch, and Black Cherry. Leave 3-10% retention in areas of high density leave trees. <u>Specs:</u>

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Any tree species currently in the overstory is acceptable.

Regen:

Other Comment:

<u>Site Condition</u> Unknown Access <u>Proposed Start Date:</u> 10/1 /2024 Comment:

Site Condition Unknown Access Proposed Start Date: 10/1 /2024

32091089-Cut 74.1 4319 - Mixed Sawtimber 85 111-Harvest Shelterwood with 411 - Northern No Two-Aged **Upland Forest** Well 140 Retention Hardwood

Mark trees to between 40-60 BA. Focus your cut tree marking on poor form and deformities. No cut Hemlock and Cedar. Favor to keep Prescription Yellow Birch and Black Cherry. Strive to increase diversity when possible. Leave 3-10% retention. Specs:

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

Acceptable Any tree species currently in the overstory is acceptable.

Regen: Other Comment:

Site Condition Survey Needed Proposed Start Date: 10/1 /2024 Site Condition Survey Needed Proposed Start Date: 10/1 /2024

411 - Northern 32091097-Cut 13.8 4191 - Mixed Poletimber 80 111-Harvest Clearcut with Even-Aged Nο **Upland Deciduous** Well 140 Retention Hardwood with Conifer

Prescription Cut all but Hemlock and Cedar. Keep your treatment line out of the small ash and use those areas as your retention. Leave 3-10% retention. The treatment area could be significantly smaller due to wet pockets Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

**Treatments:** 

<u>Acceptable</u> Any tree species currently in the overstory is acceptable.

Regen:

<u>Other</u> The further east you go the wetter it is and the more Black Ash there is.

Comment:

Site Condition Unknown Access Proposed Start Date: 10/1 /2024

S t		Gwinn	Mgt. Unit		Repor	rt 3 1	Freatments		Compartmen Year of Entry		DNR DNR
a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habita Cut
99	32091099-Cut	14.0	4112 - Maple, Beech, Cherry Association	Sawtimbe Well	r 105	111- 140	Harvest	Single Tree Selection	411 - Northern Hardwood	Uneven- Aged	No
Spec Next	black of and he  Step Monito	herry and y alth while re	ellow birch. Remo	ove all merconent of cav	hantabĺ	e spruce/f	ir. This treatme	ture wildlife snag/c nt is to release cro he stand. Favor di	p trees and improv	·	
Acce Rege Othe	en:	e species c	currently in the ove	erstory is ac	ceptabl	e.					
		known Acce									
Prop	osed Start Date	<u>:</u> 10/1 /202	24								
126	32091126-Cut	3.0	4112 - Maple, Beech, Cherry Association	Sawtimbe Well	r 80	81-110	Harvest	Shelterwood	411 - Northern Hardwood	Two-Aged	No
Pres Spec								deformities. No ove 3-10% retention		edar. Favor t	o keep
	<u>Step</u> Monito tments:	ring, Natura	ıl Regen (Re-Inve	ntory)							
Acce Rege		e species c	currently in the over	erstory is ac	ceptabl	e.					
Othe Com	e <u>r</u> ment:										
Site	<u>Condition</u>										
Prop	osed Start Date	<u>:</u> 10/1 /202	24								
128	32091128-Cut	67.3	4112 - Maple, Beech, Cherry Association	Poletimbe Well	r 101	111- 140	Harvest	Single Tree Selection	411 - Northern Hardwood	Uneven- Aged	No
Pres Spec	cherry,	and Yellow	Birch. Remove a	II merchanta	able spr	uce/fir. Th	nis treatment is	ture wildlife snag/c to release crop tre tand. Favor diversi	es and improve ov	·	

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

 $\underline{\text{Acceptable}}$  Any tree species currently in the overstory is acceptable.  $\underline{\text{Regen:}}$ 

<u>Other</u> Comment:

Site Condition Unknown Access Proposed Start Date: 10/1 /2024

Total Treatment Acreage Proposed: 964.3

Gwinn Mgt. Unit

Peter Holodnick : Examiner

Compartment: 91
Year of Entry: 2025

Total	Acres	Acres Avail	Acres	D	omina	nt Site	e Cond	dition	s		
Acres	Available	With Condition	Not Available		2B	2C	21	5F	2G	ЗА	3J
103	76	16	11	Aspen	16						1
72	72	0	0	Cedar							
17	17	0	0	Hemlock							
4	4	0	0	Herbaceous Openland							
2	2	0	0	Lowland Aspen/Balsam Poplar							
173	29	5	139	Lowland Conifers				5	70	69	
37	1	35	0	Lowland Deciduous	19			17			
321	138	174	9	Lowland Mixed Forest	<i>7</i> 5		90	10	7		2
76	76	0	0	Lowland Shrub							
28	28	0	0	Lowland Spruce/Fir							
36	36	0	0	Marsh							
17	3	14	0	Mixed Upland Deciduous	14						
746	102	631	13	Northern Hardwood	536	22	74				1
4	4	0	0	Upland Conifers							
105	24	81	0	Upland Mixed Forest	7		74				
3	3	0	0	Upland Spruce/Fir							
3	3	0	0	Urban							
14	14	0	0	Water							
1,760	633	957	171	Total Forested Acres	666	22	238	31	77	69	2
	36%	54%	10%	Relative Percent		-		=		<u>.</u>	

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

				Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
1	Available	2C: Engineered Bridge Needed (Dept. portable bridge not available or inadequate)	22	Unspecified	Unspecified	Unspecified	Unspecified
C	omments:						

Gwinn Mgt. Unit

Peter Holodnick: Examiner

2	Available	2B: Unknown if access through adjacent landowner(s) is possible	50	2I: Survey needed	Unspecified	Unspecified	Unspecified
	Comments:						
3	Available	2B: Unknown if access through adjacent landowner(s) is possible	40	2l: Survey needed	Unspecified	Unspecified	Unspecified
	Comments:						
4	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	8	2B: Unknown if access through adjacent landowner(s) is possible	2I: Survey needed	Unspecified	Unspecified
	Comments: 300ft beaver buffer	for the trout stream.					
5	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	11	2B: Unknown if access through adjacent landowner(s) is possible	Unspecified	Unspecified	Unspecified
	Comments:						
6	Available	2B: Unknown if access through adjacent landowner(s) is possible	8	2l: Survey needed	Unspecified	Unspecified	Unspecified
	Comments:						
7	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	0	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: stand contains stre	am which flows east and west t	he enti	re length.			

Gwinn Mgt. Unit
Peter Holodnick: Examiner

8	Available	2I: Survey needed	75	Unspecified	Unspecified	Unspecified	Unspecified
C	omments:						
9	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	1	2B: Unknown if access through adjacent landowner(s) is possible	Unspecified	Unspecified	Unspecified
C	omments:						
10	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	2	2B: Unknown if access through adjacent landowner(s) is possible	2I: Survey needed	Unspecified	Unspecified
	omments: 00 ft buffer on suc	cker creek					
11	Available	2B: Unknown if access through adjacent landowner(s) is possible	360	Unspecified	Unspecified	Unspecified	Unspecified
C	omments:						
12	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	1	2B: Unknown if access through adjacent landowner(s) is possible	Unspecified	Unspecified	Unspecified
C	omments:						
13	Available	2B: Unknown if access through adjacent landowner(s) is possible	22	Unspecified	Unspecified	Unspecified	Unspecified
	omments:						

Gwinn Mgt. Unit

Peter Holodnick: Examiner

14	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	3	Unspecified	Unspecified	Unspecified	Unspecified
	<b>comments:</b> 0 ft buffer on the o	cold water stream					
15	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	60	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
16	Available	2B: Unknown if access through adjacent landowner(s) is possible	28	2I: Survey needed	Unspecified	Unspecified	Unspecified
C	comments:						
17	Available	2B: Unknown if access through adjacent landowner(s) is possible	158	2I: Survey needed	Unspecified	Unspecified	Unspecified
C	Comments:						
18	Available	2I: Survey needed	74	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
19	Available	2I: Survey needed	12	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						

Gwinn Mgt. Unit

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20	Available	2I: Survey needed	8	Unspecified	Unspecified	Unspecified	Unspecified
(	Comments:						-
21	Available	2I: Survey needed	15	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
22	Available	2I: Survey needed	6	Unspecified	Unspecified	Unspecified	Unspecified
(	Comments:						
23	Available	2I: Survey needed	5	Unspecified	Unspecified	Unspecified	Unspecified
(	Comments:						
24	Available	2I: Survey needed	42	Unspecified	Unspecified	Unspecified	Unspecified
(	Comments:						
25	Unavailable	3A: Conservation Values incompatible with harvest at this time	35	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: not much to cut. L	ots of cedar and hemlock.					
26	Available	5F: Evaluated for Forest Health Considerations	17	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: _ots of dead ash.						

Gwinn Mgt. Unit
Peter Holodnick: Examiner

27	Unavailable	3A: Conservation Values incompatible with harvest at this time	34	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Not much to cut. L	ots of hemlock and Cedar.					
28	Available	5F: Evaluated for Forest Health Considerations	10	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Lots of dead ash.						
29	Available	5F: Evaluated for Forest Health Considerations	5	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Mostly Hemloick, C	Cedar and dead ash.					
30	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	10	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
31	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	7	Unspecified	Unspecified	Unspecified	Unspecified
	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				

Gwinn Mgt. Unit Compartment: 91
Year of Entry 2025



## Report 6 - EXISTING SPECIAL CONSERVATION AREA DETAILS

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

Conservati Area	on Type	Description	ERA = Ecological Reference Area HCVA = High Conservation Value Area SCA = Special Conservation Area
SCA	Cold Water Lake	A coldwater lake has temperature and dissolved oxygen condition stocked trout populations and those of other coldwater fish speci conditions for coldwater fishes may occur in Michigan lakes if the groundwater inflows, or are located in colder (northern) areas of Director's action and designated as trout resources by Fisheries	es to persist from year to year. Suitable by are relatively deep, have substantial the state. Such lakes are established by
SCA	Cold Water Stream	A coldwater stream has temperature and dissolved oxygen cond stocked trout populations and those of other coldwater fish speci year to year. Coldwater streams in Michigan typically provide the contributions of groundwater to their stream flows. Such streams designated as trout resources by Fisheries Order 210.	es (e.g., slimy sculpin) to persist from se conditions due to substantial
SCA	Riparian Area	A transitional area between aquatic and terrestrial ecosystems in influences the aquatic ecosystem and vice-versa. Because of the streams and open water wetlands, riparian areas harbor a high documunities are ecologically and socially significant in their effect as aesthetics, habitat, bank stability, timber production, and their	e unique conditions adjacent to lakes, liversity of plants and wildlife. Riparian cts on water quality and quantity, as well
SCA	Wild and Scenic Rivers	Wild and Scenic Rivers are established under authority of the Na Law 90-542, as amended. Each Wild and Scenic River has a riv and State agencies may enter into written cooperative agreement for the management of Wild and Scenic Rivers that are upon Sta Federal designated Wild and Scenic Rivers that are located with	rer specific Federal management plan, ats with the administering Federal agency atte-owned lands. There are 18 miles of



tano	d Level 4 Co			Size Density			Stand Age E	Managed S		General Comments	Місні	
1	4115 - Y.Bircl	h, Hemlock	NH Sa	awtimb	er Well	12.3	105	111-140	N/A		good quality logs.	
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Car	nopy Species	Density	Avg. Height	Size		
	Balsam Fir	3	Pole/Sap/Log	6		Sug	jar Maple	High	10 - 20 feet	Sapling		
	Sugar Maple	55	Log/Pole	14	105						-	
	Hemlock	10	Log	12								
	Red Maple	19	Log/Pole	10								
	Yellow Birch	10	Log	14								
	Black Cherry	3	Log/Pole	10								
2	4115 - Y.Bircl	h, Hemlock	NH Saw	rtimbe	r Medium	n 5.0	100	81-110	N/A			
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Car	nopy Species	Density	Avg. Height	Size		
No	orthern White Cedar	10	Pole	8		Bal	lsam Fir	Medium	5 - 10 feet	Sapling		
	Balsam Fir	15	Pole	8								
	Sugar Maple	15	Pole	8								
	Red Maple	35	Log/Pole	12	100							
	Yellow Birch	15	Log	12								
	Hemlock											
		10	Pole	8								
3	4119 - Mixed No	rthern Har		wtimb	er Well	27.4 Sub-Car	105	111-140 <b>Density</b>	N/A Avg. Height	Size		
3	4119 - Mixed No	rthern Har	dwoods Sa	wtimb	I Age	Sub-Car				<b>Size</b> Sapling		
3	4119 - Mixed No	orthern Hard	dwoods Sa	awtimb DBH	I Age	Sub-Car Bal	nopy Species	Density	Avg. Height			
3	4119 - Mixed No  Canopy Species  Sugar Maple	orthern Hard % Cover 35	dwoods Sa Size Class Log/Pole/XLog	DBH	I Age	Sub-Car Bal	<b>nopy Species</b> Isam Fir	<b>Density</b> Medium	Avg. Height 5 - 10 feet	Sapling		
3	4119 - Mixed No Canopy Species Sugar Maple Black Cherry	% Cover	dwoods Sa Size Class Log/Pole/XLog Log/XLog	<b>DB</b> 14 16	I Age	Sub-Car Bal	<b>nopy Species</b> Isam Fir	<b>Density</b> Medium	Avg. Height 5 - 10 feet	Sapling		
3	4119 - Mixed No Canopy Species Sugar Maple Black Cherry Red Maple	% Cover 35 10 20	dwoods Sa Size Class Log/Pole/XLog Log/XLog Log/Pole	DBH 14 16 14	I Age	Sub-Car Bal	<b>nopy Species</b> Isam Fir	<b>Density</b> Medium	Avg. Height 5 - 10 feet	Sapling		
3	4119 - Mixed No Canopy Species Sugar Maple Black Cherry Red Maple Balsam Fir	% Cover 35 10 20 20	dwoods Sa Size Class Log/Pole/XLog Log/XLog Log/Pole Pole/Log	DBH 14 16 14 10	I Age	Sub-Car Bal	<b>nopy Species</b> Isam Fir	<b>Density</b> Medium	Avg. Height 5 - 10 feet	Sapling		
	4119 - Mixed No  Canopy Species  Sugar Maple  Black Cherry  Red Maple  Balsam Fir  Hemlock  Yellow Birch	% Cover 35 10 20 20 10 5	dwoods Sa  Size Class  Log/Pole/XLog  Log/XLog  Log/Pole  Pole/Log  Pole/Log  Log/Pole	DBH 14 16 14 10 10 10	1 Age 105	Sub-Car Bal	<b>nopy Species</b> Isam Fir	<b>Density</b> Medium	Avg. Height 5 - 10 feet	Sapling	There is lots of variation in size of trees and density.	
	4119 - Mixed No  Canopy Species  Sugar Maple  Black Cherry  Red Maple  Balsam Fir  Hemlock  Yellow Birch	% Cover 35 10 20 20 10 5 and Forest with the street of the	dwoods Sa  Size Class  Log/Pole/XLog  Log/XLog  Log/Pole  Pole/Log  Pole/Log  Log/Pole	DBH 14 16 14 10 10 10 10 bletimb	1 Age 105	Sub-Car Bal Sug	nopy Species Isam Fir gar Maple	Density  Medium  Medium	Avg. Height 5 - 10 feet 5 - 10 feet	Sapling	There is lots of variation in size of trees and density.	
	4119 - Mixed No Canopy Species Sugar Maple Black Cherry Red Maple Balsam Fir Hemlock Yellow Birch 6132 - Mixed Lowla	% Cover 35 10 20 20 10 5 and Forest with the street of the	dwoods Sa  Size Class  Log/Pole/XLog  Log/XLog  Log/Pole  Pole/Log  Pole/Log  Log/Pole  with Cedar Po	DBH 14 16 14 10 10 10 10 bletimb	1 Age 105 105 eer Well	Sub-Car Bal Sug	nopy Species Isam Fir gar Maple	Density  Medium  Medium	Avg. Height 5 - 10 feet 5 - 10 feet	Sapling	There is lots of variation in size of trees and density.	
	4119 - Mixed No  Canopy Species  Sugar Maple  Black Cherry  Red Maple  Balsam Fir  Hemlock  Yellow Birch  6132 - Mixed Lowla  Canopy Species	### Cover   35   10   20   20   10   5      ### India Forest v.   **Cover	dwoods Sa  Size Class  Log/Pole/XLog  Log/XLog  Log/Pole  Pole/Log  Pole/Log  Log/Pole  with Cedar Po	DBH  14  16  14  10  10  10  DBH  DBH	1 Age 105 105 eer Well	Sub-Car Bal Sug	nopy Species Isam Fir gar Maple	Density  Medium  Medium	Avg. Height 5 - 10 feet 5 - 10 feet	Sapling	There is lots of variation in size of trees and density.	
3	4119 - Mixed No  Canopy Species  Sugar Maple  Black Cherry  Red Maple  Balsam Fir  Hemlock  Yellow Birch  6132 - Mixed Lowla  Canopy Species  Black Ash	% Cover 35 10 20 20 10 5 mnd Forest % Cover 10	dwoods Sa  Size Class  Log/Pole/XLog  Log/XLog  Log/Pole  Pole/Log  Pole/Log  Log/Pole  with Cedar Pole  Size Class  Pole	DBH 14 10 10 10 DBH 5	1 Age 105 105 eer Well	Sub-Car Bal Sug	nopy Species Isam Fir gar Maple	Density  Medium  Medium	Avg. Height 5 - 10 feet 5 - 10 feet	Sapling	There is lots of variation in size of trees and density.	
	4119 - Mixed No  Canopy Species  Sugar Maple  Black Cherry  Red Maple  Balsam Fir  Hemlock  Yellow Birch  6132 - Mixed Lowla  Canopy Species  Black Ash  Balsam Fir	% Cover 35 10 20 20 10 5 md Forest % Cover 10 10	dwoods Sa  Size Class  Log/Pole/XLog  Log/XLog  Log/Pole  Pole/Log  Pole/Log  Log/Pole  with Cedar Pole  Size Class  Pole  Pole	DBH 14 16 14 10 10 10 Detimb 5 8	1 Age 105 105 eer Well	Sub-Car Bal Sug	nopy Species Isam Fir gar Maple	Density  Medium  Medium	Avg. Height 5 - 10 feet 5 - 10 feet	Sapling	There is lots of variation in size of trees and density.	
	4119 - Mixed No  Canopy Species  Sugar Maple  Black Cherry  Red Maple  Balsam Fir  Hemlock  Yellow Birch  6132 - Mixed Lowla  Canopy Species  Black Ash  Balsam Fir  Red Maple	% Cover  35 10 20 20 10 5  md Forest v  Cover 10 10 10	dwoods Sa  Size Class  Log/Pole/XLog  Log/XLog  Log/Pole  Pole/Log  Pole/Log  Log/Pole  With Cedar Po  Size Class  Pole  Pole  Pole	DBH 14 16 14 10 10 10 DBH 5 8 8	1 Age 105 105 eer Well	Sub-Car Bal Sug	nopy Species Isam Fir gar Maple	Density  Medium  Medium	Avg. Height 5 - 10 feet 5 - 10 feet	Sapling	There is lots of variation in size of trees and density.	
14	4119 - Mixed No  Canopy Species  Sugar Maple  Black Cherry  Red Maple  Balsam Fir  Hemlock  Yellow Birch  6132 - Mixed Lowla  Canopy Species  Black Ash  Balsam Fir  Red Maple  Black Spruce	% Cover  35 10 20 10 5  and Forest  Cover 10 10 10 15	dwoods Sa  Size Class  Log/Pole/XLog  Log/YLog  Log/Pole  Pole/Log  Pole/Log  Log/Pole  With Cedar Po  Size Class  Pole  Pole  Pole  Pole  Pole	DBH 14 10 10 10 DIEtimb 5 8 8 8 8	1 Age 105 105 eer Well	Sub-Car Bal Sug	nopy Species Isam Fir gar Maple	Density  Medium  Medium	Avg. Height 5 - 10 feet 5 - 10 feet	Sapling	There is lots of variation in size of trees and density.	
114	4119 - Mixed No  Canopy Species  Sugar Maple  Black Cherry  Red Maple  Balsam Fir  Hemlock  Yellow Birch  6132 - Mixed Lowla  Canopy Species  Black Ash  Balsam Fir  Red Maple  Black Spruce  Paper Birch	7 Cover 35 10 20 20 10 5 10 10 10 10 15 15 15 15 15 15 15 15 15 15 15 15 15	dwoods Sa  Size Class  Log/Pole/XLog  Log/YLog  Log/Pole  Pole/Log  Pole/Log  Log/Pole  with Cedar Pole  Size Class  Pole  Pole  Pole  Pole  Pole  Log/Pole	DBH 14 16 14 10 10 10 DBH 5 8 8 8 10	105 105 er Well	Sub-Car Bal Sug	nopy Species Isam Fir gar Maple	Density  Medium  Medium	Avg. Height 5 - 10 feet 5 - 10 feet	Sapling	There is lots of variation in size of trees and density.	
4	4119 - Mixed No  Canopy Species  Sugar Maple  Black Cherry  Red Maple  Balsam Fir  Hemlock  Yellow Birch  6132 - Mixed Lowla  Canopy Species  Black Ash  Balsam Fir  Red Maple  Black Spruce  Paper Birch  orthern White Cedar  Balsam Poplar	## Cover   35   10   20   20   10   5   10   10   15   15   30   10   10   10   10   10   10   10	dwoods Sa  Size Class  Log/Pole/XLog  Log/YLog  Log/Pole  Pole/Log  Log/Pole  with Cedar Pole  Size Class  Pole  Pole	DBH 14 10 10 10 DBH 5 8 8 8 10 8	er Well  Age  95	Sub-Car Bal Sug	nopy Species Isam Fir par Maple	Density  Medium  Medium	Avg. Height 5 - 10 feet 5 - 10 feet	Sapling	There is lots of variation in size of trees and density.	



Stand	Level 4 Co	over Type		Size De	nsity	Acres	Stand Age	BA Range	Managed Si	te	General Comments	MICHIGAN
17	500 -	- Water		Nonsto	cked	1.5		Unspecified	No			
18	4190 - Mixed Upla Ce	and Decidu edar	ous with	Poletimbe	er Well	3.0	88	111-140	N/A			
	Canopy Species	% Cover	Size Class	DBH	Age							
	Black Ash	30	Pole/Saplin	ng 6	88							
	Red Maple	15	Pole/Log	8								
	Black Cherry	10	Sapling/Po	le 8								
	Hemlock	15	Pole/Log	8								
	Yellow Birch	5	Log/Pole	10								
Nor	thern White Cedar	25	Pole/Log	8								
19	4319 - Mixed	d Upland Fo	orest F	Poletimber	Medium	n 3.2	65	1-50	N/A		upland island in a swamp	
20	623 - Emer	gent Wetla	nd	Nonsto	cked	1.7		Unspecified	No			
21	4112 - Maple, Beec	ch, Cherry A	Association	Sawtimbe	er Well	15.6	100	111-140	N/A		Mid quality Maple. Could be improved through thinning	
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Specie	es Density	Avg. Height	Size		
	Black Cherry	16	Log	14		Sug	ar Maple	Low	< 5 feet	Sapling		
	Hemlock	3	Log/Pole	10							-	
Nor	thern White Cedar	3	Log/Pole	12								
	Red Maple	35	Log/XLog	14								
	Sugar Maple	38	Log/Pole	14	100							
	Yellow Birch	5	Log	12								
22	4112 - Maple, Beec	ch, Cherry A	Association	Poletimbe	er Well	21.9	90	111-140	N/A			
	Canopy Species	% Cover	Size Class	DBH	Age							
	Yellow Birch	5	Log/Pole	10								
	Black Ash	5	Pole/Saplin	ng 6								
Nor	thern White Cedar	5	Pole/Log	8								
	Sugar Maple	15	Log/Pole	8								
	Hemlock	5	Log/Pole									
	Red Maple	60	Pole/Log		90							
	Black Cherry	5	Pole/Log	8								
23	623 - Emer	gent Wetla	nd	Nonsto	cked	6.5		Unspecified	No			
24	500 -	- Water		Nonsto	cked	2.1		Unspecified	No			



Stand	Level 4 C	over Type		Size Density		Acres	Stand Age	BA Range	Managed S	Managed Site General Comments			
25	4319 - Mixed Upland Forest Pol			Poletimber Medium		1.5	70	81-110	N/A		small upland Island in a swamp		
26	6132 - Mixed Lowla	and Forest	with Cedar F	Poletimb	er Well	6.2	75	Unspecified	N/A				
	Canopy Species	% Cover	Size Class	DBH	Age								
No	rthern White Cedar	20	Pole/Log	10									
	Balsam Fir	15	Pole	8									
	Red Maple	10	Pole	8	80								
	Hemlock	10	Log	10									
	Black Ash	40	Pole	8	75								
	Black Spruce	5	Log/Pole	10									
27		ack Spruce		Poletimb		2.3	70	111-140	N/A				
	Canopy Species		Size Class		Age								
	Black Spruce	65	Pole/Log	8	70								
	Hemlock	5	Log/Pole	10									
	Red Maple	10	Pole/Log	8									
	Balsam Fir	15	Pole/Sapling										
	White Pine	5	Log/Pole	14									
28	4112 - Maple, Beed					92.9	88	141-170	N/A		poor quality hardwoods		
	Canopy Species	% Cover	Size Class		Age								
	Sugar Maple	25	Log/Pole/XLo	-									
	Red Maple	50	Log/Pole/XLo	-	88								
	Hemlock	5	Log/Pole	12									
	Yellow Birch	5	Log/Pole/XLo	_									
No	rthern White Cedar	10	Log/Pole	15									
	Black Cherry	5	Log/Pole	12									
29	6124 - Lowla	and Spruce	-Fir F	Poletimb	er Well	3.9	40	Unspecified	N/A				
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Specie	es Density	Avg. Height	Size			
	Black Spruce	30	Sapling/Pole	9 4		Ва	alsam Fir	High	5 - 10 feet	Sapling			
	Red Maple	20	Sapling/Pole	9 4							1		
	Balsam Fir	30	Sapling/Pole	9 4	40								
	Yellow Birch	20	Pole	6									
				-									



Stand	Level 4 Co	ver Type	S	Size Density			Stand Age	BA Range	Managed Si	te	General Comments		
30	6139 - Mixed L	owland F	orest Po	Poletimber Well		41.9	80	Unspecified	N/A				
	Canopy Species	% Cover	Size Class	DBH	Age								
	Yellow Birch	5	Pole	6									
	Black Spruce	15	Pole/Log	10									
	Black Cherry	5	Sapling/Pole	6									
	Hemlock	10	Log	10									
No	orthern White Cedar	10	Log/Pole	10									
	Red Maple	25	Pole	8	80								
	Balsam Fir	15	Pole	8									
	Black Ash	15	Pole	8									
31	6220 - Alder/willow			Nonsto	cked	15.9		Unspecified	No				
32	6128 - Lowland C Decid	oniferous duous	, Mixed Po	oletimb	er Well	4.4	96	111-140	N/A				
	Canopy Species	% Cover	Size Class	DBH	Age								
	Black Spruce	15	Pole	8									
No	orthern White Cedar	20	Pole/Log	10									
	Hemlock	10	Log	10									
	Red Maple	20	Pole	8	96								
	Black Ash	20	Pole	8									
	Balsam Fir	15	Pole	8									
33	6122 - Bla	ick Spruce	e Po	oletimb	er Well	25.9	60	111-140	N/A				
	Canopy Species	% Cover	Size Class	DBH	Age								
	Balsam Fir	20	Pole	8									
No	orthern White Cedar	10	Pole/Log/Sap	5									
	Black Spruce	60	Pole/Sap/Log	5	60								
	Red Maple	5	Pole/Sap/Log	5									
	Tamarack	5	Pole/Sap/Log	6									
34	4119 - Mixed Nor			awtimbe		49.8	88	141-170	N/A		Mid quality hardwood, trace hemlock in draws		
			Size Class		Age		nopy Speci		Avg. Height	Size			
	Yellow Birch	10	Log/XLog	12		Sug	gar Maple	Medium	10 - 20 feet	Sapling			
	Bigtooth Aspen	5	XLog/Log	18									
	Hemlock		Log/Pole/XLog										
	Sugar Maple	25	Log/XLog	14									
No	orthern White Cedar	5	Log/Pole	10									
	Black Cherry	20	Log/XLog	16									
	Red Maple	30	Log/XLog	14	88								



Stand	d Level 4 Co	ver Type		Size Density		Acres	Stand Age	BA Range	Managed S	General Comments		MICHIGAN .		
35	4112 - Maple, Beecl	n, Cherry A	Association F	oletimb	er Well	5.6	70	111-140	N/A					
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Speci	es Density	Avg. Height	Size				
	Quaking Aspen	10	Log/XLog	14		Ва	Isam Fir	Medium	10 - 20 feet	Sapling				
	Red Maple	40	Pole	8										
	Sugar Maple	40	Pole	6	70									
	Black Cherry	10	Log/XLog	14										
37	6128 - Lowland ( Deci	Coniferous duous	, Mixed F	oletimb	er Well	34.2	89	81-110	N/A					
	Canopy Species	% Cover	Size Class	DBH	I Age									
	Black Spruce	10	Pole	6										
	Hemlock	15	Pole	6										
	Red Maple	10	Pole	8										
	Black Ash	20	Pole	8										
No	orthern White Cedar	45	Pole	6	89									
39	4115 - Y.Birch			Sawtimb		87.3	100	171-200	N/A					
39	Canopy Species	% Cover	Size Class	DBF	er Well	Sub-Ca	nopy Speci	es Density	Avg. Height	Size				
39	Canopy Species Yellow Birch	% Cover	Size Class Log/XLog	<b>DB</b> I 12		Sub-Ca				<b>Size</b> Sapling				
39	Canopy Species Yellow Birch Sugar Maple	% Cover 10 20	Size Class Log/XLog Log/Pole/XLog	<b>DB</b> I 12		Sub-Ca	nopy Speci	es Density	Avg. Height					
39	Canopy Species Yellow Birch Sugar Maple Bigtooth Aspen	% Cover 10 20 5	Size Class  Log/XLog  Log/Pole/XLog  Log	<b>DBH</b> 12 g 10 12	I Age	Sub-Ca	nopy Speci	es Density	Avg. Height					
39	Canopy Species Yellow Birch Sugar Maple Bigtooth Aspen Red Maple	% Cover 10 20 5 35	Size Class  Log/XLog  Log/Pole/XLog  Log  Log/XLog/Pole	DBH 12 g 10 12 e 14		Sub-Ca	nopy Speci	es Density	Avg. Height					
39	Canopy Species Yellow Birch Sugar Maple Bigtooth Aspen Red Maple Hemlock	% Cover 10 20 5 35	Size Class  Log/XLog  Log/Pole/XLog  Log  Log/XLog/Pole  Log	DBH 12 g 10 12 e 14 10	I Age	Sub-Ca	nopy Speci	es Density	Avg. Height					
	Canopy Species Yellow Birch Sugar Maple Bigtooth Aspen Red Maple	% Cover 10 20 5 35	Size Class  Log/XLog  Log/Pole/XLog  Log  Log/XLog/Pole  Log  Log  Log	DBH 12 g 10 12 e 14 10 12	I Age	Sub-Ca	nopy Speci	es Density	Avg. Height					
	Canopy Species  Yellow Birch Sugar Maple Bigtooth Aspen Red Maple Hemlock Black Cherry	% Cover 10 20 5 35 10 5	Size Class  Log/XLog  Log/Pole/XLog  Log  Log/XLog/Pole  Log	DBH 12 g 10 12 e 14 10 12	I Age	Sub-Ca	nopy Speci	es Density	Avg. Height					
	Canopy Species Yellow Birch Sugar Maple Bigtooth Aspen Red Maple Hemlock Black Cherry orthern White Cedar Balsam Fir	% Cover 10 20 5 35 10 5 5 10	Size Class  Log/XLog  Log/Pole/XLog  Log  Log  Log  Log  Log  Log  Log	DBH 12 g 10 12 e 14 10 12 6	100	Sub-Ca	nopy Speci	es Density	Avg. Height					
No	Canopy Species Yellow Birch Sugar Maple Bigtooth Aspen Red Maple Hemlock Black Cherry orthern White Cedar Balsam Fir	% Cover 10 20 5 35 10 5 5 10 Coniferous duous	Size Class  Log/XLog  Log/Pole/XLog  Log  Log  Log  Log  Log  Log  Log	DBH 12 3 10 12 14 10 12 16 10 10 Poletimb	100	Sub-Ca Ba	nopy Specion	es Density  Medium	Avg. Height 5 - 10 feet					
No	Canopy Species  Yellow Birch Sugar Maple Bigtooth Aspen Red Maple Hemlock Black Cherry orthern White Cedar Balsam Fir  6128 - Lowland C	% Cover 10 20 5 35 10 5 5 10 Coniferous duous	Size Class  Log/XLog  Log/Pole/XLog  Log  Log  Log  Log  Log  Log  Log	DBH 12 3 10 12 14 10 12 16 10 10 Poletimb	100 er Well	Sub-Ca Ba	nopy Specion	es Density  Medium	Avg. Height 5 - 10 feet					
40	Canopy Species  Yellow Birch Sugar Maple Bigtooth Aspen Red Maple Hemlock Black Cherry orthern White Cedar Balsam Fir  6128 - Lowland C Deci  Canopy Species	% Cover  10 20 5 35 10 5 10 Coniferous duous % Cover	Size Class  Log/XLog  Log/Pole/XLog  Log  Log  Log  Log  Log  Log  Agriculture of the control of	DBH 12 g 10 12 e 14 10 12 6 10 Poletimb	100 er Well	Sub-Ca Ba	nopy Specion	es Density  Medium	Avg. Height 5 - 10 feet					
40	Canopy Species  Yellow Birch Sugar Maple Bigtooth Aspen Red Maple Hemlock Black Cherry orthern White Cedar Balsam Fir  6128 - Lowland O Deci Canopy Species Black Spruce	% Cover	Size Class  Log/XLog  Log/Pole/XLog  Log  Log  Log  Log  Log  Log  Pole/Sap/Log  Log  Size Class  Pole/Log	DBH 12 9 10 12 9 14 10 12 1 6 10 10 DBH 10 8 10	100 arrived with the second se	Sub-Ca Ba	nopy Specion	es Density  Medium	Avg. Height 5 - 10 feet					
40	Canopy Species  Yellow Birch Sugar Maple Bigtooth Aspen Red Maple Hemlock Black Cherry orthern White Cedar Balsam Fir  6128 - Lowland C Deci Canopy Species Black Spruce	% Cover 10 20 5 35 10 5 5 10 Coniferous duous % Cover 10 20	Size Class  Log/XLog  Log/VLog/Pole/XLog  Log  Log  Log  Log  Pole/Sap/Log  Amixed  Size Class  Pole/Log  Pole/Log  Pole/Log	DBH 12 9 10 12 9 14 10 12 1 6 10 DBH 10 8	100 arrived with the second se	Sub-Ca Ba	nopy Specion	es Density  Medium	Avg. Height 5 - 10 feet					
40	Canopy Species Yellow Birch Sugar Maple Bigtooth Aspen Red Maple Hemlock Black Cherry orthern White Cedar Balsam Fir 6128 - Lowland C Deci Canopy Species Black Spruce orthern White Cedar Hemlock	% Cover	Size Class  Log/XLog  Log/VLog/Pole/XLog  Log  Log  Log  Pole/Sap/Log  Log  Size Class  Pole/Log  Pole/Log  Log	DBH 12 9 10 12 9 14 10 12 1 6 10 DBH 10 8 10 8	100 arrived with the second se	Sub-Ca Ba	nopy Specion	es Density  Medium	Avg. Height 5 - 10 feet					
40	Canopy Species Yellow Birch Sugar Maple Bigtooth Aspen Red Maple Hemlock Black Cherry orthern White Cedar Balsam Fir 6128 - Lowland C Deci Canopy Species Black Spruce orthern White Cedar Hemlock Balsam Fir	% Cover 10 20 5 35 10 5 10 Coniferous duous 70 20 20 20 20	Size Class  Log/XLog  Log/VLog/Pole/XLog  Log  Log  Log  Pole/Sap/Log  Log  A Mixed  Size Class  Pole/Log  Pole/Log  Log  Pole/Log  Pole	DBH 12 9 10 12 9 14 10 12 1 6 10 Poletimb 10 8 10 8	100 arrived with the second se	Sub-Ca Ba	nopy Specion	es Density  Medium	Avg. Height 5 - 10 feet					



tand Level 4 C		ver Type		Size Density		Acres	Acres Stand Age BA Range			Site	General Comments
42	6139 - Mixed L			oletimb			80	51-80	N/A		
C	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Black Ash	45	Pole	6	80		Alder	High	5 - 10 feet	Tall Shrub	
	Red Maple	5	Sapling/Pole	8							
	Hemlock	15	Log/Pole	10							
;	Sugar Maple	5	Pole/Sapling	6							
North	nern White Cedar	15	Pole/Log	8							
E	Black Spruce	5	Pole/Log	8							
	Balsam Fir	10	Pole/Sapling	6							
13	6118 - Lowland De	ciduous wi	th Cedar P	oletimb	er Well	16.8	90 L	Jnspecified	N/A		
C	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Black Ash	40	Pole	6	90	Ва	lsam Fir	High	Variable	Sapling	
	Paper Birch	30	Pole	8							
North	nern White Cedar	30	Pole	8							
ŀ6		Deciduous, erous		oletimb		18.5	70	111-140	N/A		
C	Canopy Species	% Cover	Size Class	DBH	Age						
	Red Maple	35	Log/Pole	10							
	Hemlock	20	Pole/Log	9							
North	nern White Cedar	10	Pole/Log	8							
	Yellow Birch	10	Log/Pole	10							
	Balsam Fir	10	Pole/Log	8							
	Black Ash	10	Pole/Log	8							
l	Black Cherry	5	Log/Pole	8							
17	6220 - Ale	der/willow		Nonsto	cked	5.6	L	Jnspecified	No		
_	4119 - Mixed Nor			Poletimb		3.5	67	111-140	N/A		Trace amounts of Balsom Fir found. aspen is falling out of this stand
C	Canopy Species	% Cover	Size Class	DBH	er Well	3.5	67	111-140	N/A		Trace amounts of Balsom Fir found. aspen is falling out of this stance
C	Canopy Species Black Cherry	<b>% Cover</b>	Size Class Pole	<b>DBH</b>		3.5	67	111-140	N/A		Trace amounts of Balsom Fir found. aspen is falling out of this stand
C	Canopy Species Black Cherry Hemlock	<b>% Cover</b> 10 5	Size Class Pole Log/Pole	DBH		3.5	67	111-140	N/A		Trace amounts of Balsom Fir found. aspen is falling out of this stand
C I	Canopy Species Black Cherry Hemlock Sugar Maple	<b>% Cover</b>	Size Class Pole	<b>DBH</b>		3.5	67	111-140	N/A		Trace amounts of Balsom Fir found. aspen is falling out of this stand
C I	Canopy Species Black Cherry Hemlock	<b>% Cover</b> 10 5	Size Class Pole Log/Pole	8 12 8		3.5	67	111-140	N/A		Trace amounts of Balsom Fir found. aspen is falling out of this stand
,	Canopy Species Black Cherry Hemlock Sugar Maple	% Cover 10 5 25	Size Class Pole Log/Pole Pole	8 12 8		3.5	67	111-140	N/A		Trace amounts of Balsom Fir found. aspen is falling out of this stand



Stan	d Level 4 C	over Type		Size Densi	ty Acres	Stand Ag	e BA Range	Managed Site	General Comments	MICHIGAN .
49	4112 - Maple, Beed	ch, Cherry A	Association	Poletimber V	Vell 6.6	67	141-170	N/A		
	Canopy Species	% Cover	Size Class	DBH Ag	je					
	Red Maple	20	Pole	8						
	Basswood	10	Log	12						
	Quaking Aspen	10	Log/XLog	16						
	Black Cherry	10	Pole/Log	10						
	Sugar Maple	50	Pole	8 6	7					
50	4116 - Mixed N.	Hardwood	- Aspen	Poletimber V	Vell 5.3	60	141-170	N/A	Aspen is in poor condition and is falling out of the stand	
	Canopy Species	% Cover	Size Class	DBH Ag	je					
	Quaking Aspen	30	Log/XLog	16 8	0					
	Black Cherry	10	Pole/Log	10						
	Balsam Fir	5	Pole/Saplin	g 6						
	Sugar Maple	15	Pole	8						
	Red Maple	40	Pole/Log	8 6	0					
51	6124 - Lowl	and Spruce	-Fir	Poletimber V	Vell 6.2	60	81-110	N/A		
	Canopy Species	% Cover	Size Class	DBH Ag	je					
	Balsam Fir	25	Pole	6 6	0					
N	orthern White Cedar	20	Pole	8						
	Black Spruce	25	Pole	8						
	Hemlock	25	Pole/Log	10						
	Black Ash	5	Pole/Log	8						
52	6220 - A	Alder/willow		Nonstocke	d 7.7		Unspecified	No		
53	4116 - Mixed N.	Hardwood	- Aspen	Poletimber V	Vell 3.9	70	141-170	N/A	Aspen is falling out of this stand	
	Canopy Species	% Cover	Size Class	DBH Ag	je					
	Quaking Aspen	30	XLog/Log	16						
	Black Cherry	10	Pole	10						
	Red Maple	40	Pole/Log	10 7	0					
	Sugar Maple	20	Pole	8						
54	6239 - Mixed E	Emergent W	etland	Nonstocke	d 2.1		Unspecified	No		
55	4130	- Aspen		Sapling Wo	ell 2.9	30	Unspecified	N/A		
	Canopy Species	% Cover	Size Class	DBH Ag	je					
	Quaking Aspen	100	Sapling	2 3						



Stand	Level 4 C	over Type		Size Dens	sity	Acres	Stand Age	BA Range	Managed Sit	е	General Comments	MICHIGAN .
56	623 - Emer	gent Wetla	ind	Nonstock	ked	5.2		Unspecified	No			
57	4112 - Maple, Beed	ch, Cherry A	Association	Sapling Me	dium	1.7	30	1-50	N/A			
	Canopy Species	% Cover	Size Class	DBH A	\ge							
	Red Maple	80	Sapling	1	30							
	Quaking Aspen	20	Sapling	3								
58	4130	- Aspen		Sawtimber	Well	18.1	86	141-170	N/A		Aspen is falling out of the stand	
	Canopy Species	% Cover	Size Class	DBH A	\ge	Sub-Ca	nopy Specie	es Density	Avg. Height	Size		
	Quaking Aspen	60	Log/XLog	16	86	Ва	Isam Fir	Low	5 - 10 feet	Sapling		
	Paper Birch	5	Log	12				-	1			
	Black Cherry	5	Log	12								
	Red Maple	30	Pole/Log	10								
59	3102	- Grass		Nonstock	ked	1.7		Unspecified	No			
60	4116 - Mixed N.	Hardwood	- Aspen	Sawtimber	Well	10.4	87	111-140	N/A		poor quality hardwood and old aspen	
	Canopy Species	% Cover	Size Class		Age							
	Quaking Aspen	30	Log		87							
	Black Cherry	15	Pole/Log									
	Sugar Maple	25	Pole	8								
	Red Maple	30	Pole	8	60							
61	4116 - Mixed N.	Hardwood	- Aspen	Poletimber	Well	9.8	87	171-200	N/A		better quality hardwood . Aspen is falling out of the stand	
	Canopy Species	% Cover	Size Class	DBH A	\ge							
	Sugar Maple	30	Pole	8								
	Red Maple	30	Pole/Log									
	Yellow Birch	5	Log	12								
	Black Cherry	5	Log	12								
	Quaking Aspen	30	XLog/Log	16	87							
62	42340 - Upla	and Spruce	e/Fir F	Poletimber M	1edium	3.3	40	81-110	N/A		Old opening filling in with Spruce and fir	
	Canopy Species	% Cover	Size Class	DBH A	\ge							
	Quaking Aspen	25	Pole	6								
	White Pine	15	Pole	6								
	Balsam Fir	30	Pole	6								
	White Spruce	30	Pole	6	40							



Stand	Level 4 Co	over Type	\$	Size De	nsity	Acres	Stand Age	BA Range	Managed S	ite	General Comments	MICHIGAN .
63	4139 - Aspen, I	Mixed Dec	iduous S	awtimb	er Well	8.4	80	141-170	N/A		Poorl quality aspen and hardwood	
	Canopy Species	% Cover	Size Class	DBH	l Age							
	Balsam Fir	10	Pole/Log	10								
	Red Maple	25	Pole/Log	10								
	Quaking Aspen	40	XLog/Log	16	80							
	Black Cherry	25	Pole/Log	10								
64	6223 - Inundate	ed Shrub S	Swamp	Nonsto	ocked	8.0	ı	Unspecified	No			
65	6112 - Lov	vland Aspe	en	Sapling	g Well	1.9	40	Unspecified	N/A			
	Canopy Species	% Cover	Size Class	DBH	l Age							
	Quaking Aspen	100	Sapling/Pole	5	40							
66	4319 - Mixed	Upland Fo	orest S	awtimb	er Well	4.6	105	81-110	N/A		Many small gaps with good regeneration	
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	s Density	Avg. Height	Size		
	Balsam Fir	5	Pole/Sap/Log	6		Ва	alsam Fir	Medium	10 - 20 feet	Sapling		
	Sugar Maple	10	Pole	8								
	Yellow Birch	10	XLog/Log	18								
No	rthern White Cedar	10	Sapling/Pole	8								
	Hemlock	30	Log/XLog	14								
	Black Spruce	5	Pole/Log	8								
	Red Maple	30	Log/Pole	14	105							
67	4319 - Mixed	Upland Fo	orest S	awtimb	er Well	2.6	130	81-110	N/A			
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	s Density	Avg. Height	Size		
	Yellow Birch	10	Pole/Log	10		Re	ed Maple	Medium	10 - 20 feet	Sapling		
	Red Maple	30	Pole/Log	10							•	
No	rthern White Cedar	10	Pole/Log	8								
	Hemlock	35	Log	14	130							
	Black Cherry	5	Pole/Log	8								
	Sugar Maple	10	Log/Pole	10								
68	4119 - Mixed No	rthern Har	dwoods S	awtimb	er Well	21.1	105	111-140	N/A		Harvested in 1997. Great regeneration	
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	s Density	Avg. Height	Size		
	Black Cherry	5	Log	14		Sug	gar Maple	High	10 - 20 feet	Sapling		
	Balsam Fir	5	Pole/Log	8								
	Basswood	10	XLog/Log	16								
	Sugar Maple	60	Log/Pole/XLog	14	105							
	Yellow Birch	10	XLog	20								
	Red Maple	10	Pole/Log	8								



Stand	Level 4 Co	over Type		Size De	ensity	Acres	Stand Age	BA Range	Managed S	Site	General Comments	MICHIGAN .
69	42350 - Upl	land Hemlo	ock F	Poletimb	er Well	11.2	106	51-80	N/A			
	Canopy Species	% Cover	Size Class	DBH	l Age							
	Balsam Fir	10	Pole/Log	8								
No	rthern White Cedar	10	Log/Pole	8								
	Red Maple	30	Pole	8								
	Hemlock	50	Log/Pole	10	106							
71	4110 - Sugar M	/laple Assoc	ciation S	Sawtimb	er Well	7.3	105	111-140	N/A		Nice Hardwood stand	
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Speci	ies Density	Avg. Height	Size		
	Sugar Maple	60	Log/Pole/XLog	g 14	105	Sug	gar Maple	Low	10 - 20 feet	Sapling		
	Basswood	10	Log/XLog	16				1	1	1		
	Red Maple	20	Pole/Log	12								
	Black Cherry	10	Log	14								
72	4110 - Sugar N	•		Sawtimb		10.5	120	81-110	N/A		Good Log stand with good regeneration	
	Canopy Species		Size Class		l Age		nopy Speci		Avg. Height	Size		
	Sugar Maple		Log/XLog/Pole		120	Su	gar Maple	High	10 - 20 feet	Sapling		
	Red Maple	10	Log	12								
73	4130	- Aspen		Saplin	g Well	1.5	30	Unspecified	N/A			
	Canopy Species	% Cover			l Age							
No	rthern White Cedar	5	Pole	6								
	Hemlock	5	Pole	8								
	Red Maple	20	Sapling/Pole									
	Yellow Birch	5	Pole	6								
	Balsam Fir	5	Pole	6								
	Quaking Aspen	60	Sapling/Pole	4	30							
74	6128 - Lowland ( Deci	Coniferous, iduous	, Mixed F	Poletimb	er Well	10.3	90	Unspecified	N/A			
	Canopy Species	% Cover	Size Class	DBH	l Age							
	Yellow Birch	10	Pole	8								
	Red Maple	10	Pole	8								
	Diagle Commen	20	Pole	0								
	Black Spruce	30	1 016	8								
	Black Spruce Black Ash	10	Pole	8								



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Stand	Level 4 C	over Type	S	Size De	nsity	Acres	Stand Age	BA Range	Managed S	ite	General Comments	MICHIGAN
75	4115 - Y.Birc	h, Hemlock	k NH Sav	vtimber	Mediur	n 8.0	70	111-140	N/A			
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	s Density	Avg. Height	Size		
	Black Cherry	10	Log	12		Н	emlock	Medium	10 - 20 feet	Pole		
	Yellow Birch	10	Log/Pole	14		Ва	Isam Fir	Medium	10 - 20 feet	Sapling		
	Hemlock	15	Pole	8							-	
	Balsam Fir	10	Pole	6								
	Red Maple	55	Pole/Log	10	70							
76	6128 - Lowland (	Coniferous iduous	, Mixed Sa	awtimb	er Well	5.0	80 l	Unspecified	N/A			
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	s Density	Avg. Height	Size		
	Black Ash	20	Pole/Log	8		Re	d Maple	Medium	5 - 10 feet	Sapling		
No	rthern White Cedar	30	Pole/Log	8				,			_	
	Yellow Birch	10	Log	10								
	Red Maple	10	Log/Pole	10								
	Hemlock	30	Log	12	80							
77	6132 - Mixed Lowla		with Cedar Po		er Well	14.2	110	81-110	N/A			
	Black Ash	30	Pole	8								
	Black Spruce	10	Pole	6								
	Red Maple	15	Pole	8								
No	rthern White Cedar	30	Pole	6	110							
	Hemlock	15	Log/Pole	10								
79	4110 - Sugar M	laple Asso	ciation Sa	awtimb	er Well	8.3	100	111-140	N/A		Good Quality saw logs.	
	Canopy Species	% Cover	Size Class	DBH	Age		nopy Species		Avg. Height	Size		
	Sugar Maple	84	Log/Pole/XLog		100		Isam Fir	Medium	5 - 10 feet	Sapling		
No	rthern White Cedar	3	Log/Pole	10		Sug	jar Maple	High	10 - 20 feet	Sapling		
	Balsam Fir	3	Pole/Sapling	6								
	Hemlock	5	Log/Pole	12								
	Black Cherry	5	Log	14								
80	4130	- Aspen	;	Sapling	Well	26.3	26 l	Unspecified	N/A		Good aspen regeneration	
	Canopy Species		Size Class	DBH	Age							
	Balsam Fir	15	Sapling	3								
	Quaking Aspen	85	Pole/Sapling	5	26							



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Stand	Level 4 Co	over Type	S	Size De	ensity	Acres	Stand Age B	A Range	Managed S	ite	General Comments	M/CHIGAN .
81	4115 - Y.Birc	h, Hemlock	NH Sav	vtimbei	r Medium	n 6.0	100	81-110	N/A			
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size		
	Black Cherry	5	Pole/Log	8			alsam Fir	Medium	5 - 10 feet	Sapling		
	Yellow Birch	15	Log	12								
	Hemlock	10	Pole	8								
	Red Maple	10	Log/Pole	12								
	Balsam Fir	15	Pole	8								
Nor	rthern White Cedar	10	Pole	8								
	Sugar Maple	35	Pole	8	100							
82	4119 - Mixed No	rthern Har	dwoods Sa	awtimb	er Well	67.1	100	111-140	N/A		good regeneration from past harvest	
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size		
	Yellow Birch	5	Log/XLog	16		Su	gar Maple	Medium	>20 feet	Sapling		
	Red Maple	45	Log	12	100	Ва	alsam Fir	Medium	10 - 20 feet	Sapling		
	Sugar Maple	25	Log	12							•	
	Basswood	5	Log	12								
	Balsam Fir	10	Pole/Log	10								
Nor	rthern White Cedar	10	Pole/Log	10								
83	6139 - Mixed	Lowland F	orest Po		er Well	14.6	80	81-110	N/A			
	Canopy Species	% Cover	Size Class	DBH	l Age							
	Red Maple	35	Pole	8	80							
	Yellow Birch	10	Log/Pole	12								
	Black Spruce	5	Log/Pole	10								
	Balsam Fir	20	Pole	6								
	Hemlock	10	Log/Pole	10								
	Black Cherry	5	Log/Pole	10								
Nor	rthern White Cedar	15	Pole	8								
84	4119 - Mixed No	rthern Har	dwoods Sa	awtimb	er Well	6.8	105	111-140	N/A		Poor quality stand	
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size		
	Sugar Maple	20	Pole/Sap/Log	8			alsam Fir	Medium	5 - 10 feet	Sapling		
	Red Maple	45	Log/Pole/XLog	14	105						1	
	Black Spruce	5	Pole/Log	8								
	Yellow Birch	10	Log	10								
	Black Cherry	10	Log/Pole	10								
	· · · · · · · · · · · · · · · · · · ·			1	1 1							



Stand	d Level 4 Co	over Type		Size De	ensity	Acres S	Stand Age B	sa Range	Managed S	ite	General Comments	MICHIGAN
85	4115 - Y.Birc	h, Hemlock	NH S	awtimb	er Wel	l 55.9	110	111-140	N/A		nice hardwood stand mostly logs. good regeneration	
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Cand	opy Species	Density	Avg. Height	Size		
	Red Maple	15	Log/XLog	16		Suga	r Maple	High	5 - 10 feet	Sapling		
	Hemlock	15	Log/XLog	14		<u> </u>						
	Basswood	10	Log	14								
	Sugar Maple	50	XLog/Log	18	110							
	Yellow Birch	10	Log	14								
86	4112 - Maple, Beec	h, Cherry A	Association S	awtimb	er Wel	l 10.0	100	111-140	N/A			
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Cand	opy Species	Density	Avg. Height	Size		
	Yellow Birch	10	Log	14		Red	Maple	Medium	5 - 10 feet	Sapling		
	Basswood	10	Pole	8		Bals	am Fir	Low	5 - 10 feet	Sapling		
	Black Cherry	10	Log	12		Black	Cherry	Medium	5 - 10 feet	Sapling		
	,											
	Red Maple	20	Log	12		L						
	<u> </u>	20 50	Log Log/XLog	12 14	100							
87	Red Maple	50	Log/XLog	14	100	ım 6.7	95 U	Inspecified	N/A			
87	Red Maple Sugar Maple	50	Log/XLog	14 etimbe			95 U	<u> </u>	N/A Avg. Height	Size		
87	Red Maple Sugar Maple 6130 - Fir, A	50 Aspen, Mar	Log/XLog ble Pol	14 etimbe	r Mediu	Sub-Can		<u> </u>		<b>Size</b> Tall Shrub		
87	Red Maple Sugar Maple 6130 - Fir, A	50 Aspen, Mar	Log/XLog  Die Pol  Size Class	14 etimbe	r Mediu	Sub-Can	opy Species	Density	Avg. Height			
87	Red Maple Sugar Maple 6130 - Fir, A Canopy Species Balsam Fir	Aspen, Map  **Cover** 25	Log/XLog  Die Pol  Size Class  Pole/Sapling	14 etimbe DBH	r Mediu	Sub-Can	opy Species	Density	Avg. Height			
87	Red Maple Sugar Maple 6130 - Fir, A Canopy Species Balsam Fir Red Maple	50 Aspen, Map  **Cover   25   25	Log/XLog  ple Pol  Size Class  Pole/Sapling  Pole	14 etimbe DBH	r Mediu	Sub-Can	opy Species	Density	Avg. Height			
87	Red Maple Sugar Maple 6130 - Fir, A Canopy Species Balsam Fir Red Maple Black Spruce Balsam Poplar	50  Aspen, Map  **Cover* 25 25 25 25 1 Upland Fo	Log/XLog  Die Pol  Size Class  Pole/Sapling  Pole  Pole/Sapling  Pole/Log  prest S	etimbe  DBH  4 6 4 10  awtimb	r Mediu I Age 95	Sub-Cand A	opy Species Ider	Density   Medium	Avg. Height 5 - 10 feet  N/A	Tall Shrub		
89	Red Maple Sugar Maple 6130 - Fir, A Canopy Species Balsam Fir Red Maple Black Spruce Balsam Poplar 4319 - Mixed Canopy Species	50  Aspen, Map  **Cover*  25 25 25 25 Upland Fo  **Cover*	Log/XLog  ple Pol  Size Class  Pole/Sapling  Pole  Pole/Sapling  Pole/Log  prest S  Size Class	timbe  DBH  4 6 4 10  awtimb	r Mediu	Sub-Cand A  74.1  Sub-Cand	opy Species  85  opy Species	Density Medium  111-140 Density	Avg. Height 5 - 10 feet  N/A  Avg. Height	Tall Shrub		
89	Red Maple Sugar Maple 6130 - Fir, A Canopy Species Balsam Fir Red Maple Black Spruce Balsam Poplar 4319 - Mixed Canopy Species orthern White Cedar	50  Aspen, Map  **Cover* 25 25 25 25 1 Upland Fo	Log/XLog  Dile Pol  Size Class  Pole/Sapling  Pole/Sapling  Pole/Log  prest S  Size Class  Pole/Log	etimbe  DBH  4 6 4 10  awtimb	r Mediu I Age 95	Sub-Cand A  74.1  Sub-Cand	opy Species Ider	Density   Medium	Avg. Height 5 - 10 feet  N/A	Tall Shrub		
89	Red Maple Sugar Maple 6130 - Fir, A Canopy Species Balsam Fir Red Maple Black Spruce Balsam Poplar 4319 - Mixed Canopy Species orthern White Cedar Balsam Fir	50  Aspen, Map  **Cover* 25 25 25 25  Upland Fo  **Cover* 5 10	Log/XLog  Die Pol  Size Class  Pole/Sapling  Pole/Log  Pole/Log  Size Class  Pole/Log  Pole/Log  Pole/Log	14 etimbe  DBH	r Mediu I Age 95	Sub-Cand A  74.1  Sub-Cand	opy Species  85  opy Species	Density Medium  111-140 Density	Avg. Height 5 - 10 feet  N/A  Avg. Height	Tall Shrub		
89	Red Maple Sugar Maple 6130 - Fir, A Canopy Species Balsam Fir Red Maple Black Spruce Balsam Poplar 4319 - Mixed Canopy Species orthern White Cedar Balsam Fir Black Cherry	50  Aspen, Mar  **Cover* 25 25 25 25  Upland Fo  **Cover* 5 10 5	Log/XLog  Die Pol  Size Class  Pole/Sapling  Pole/Log  Pole/Log  Size Class  Pole/Log  Pole/Sapling  Pole/Log	14 etimbe  DBH	r Mediu I Age 95 95 per Wel	Sub-Cand A  74.1  Sub-Cand	opy Species  85  opy Species	Density Medium  111-140 Density	Avg. Height 5 - 10 feet  N/A  Avg. Height	Tall Shrub		
89	Red Maple Sugar Maple 6130 - Fir, A Canopy Species Balsam Fir Red Maple Black Spruce Balsam Poplar 4319 - Mixed Canopy Species orthern White Cedar Balsam Fir Black Cherry Red Maple	50  Aspen, Map  **Cover*  25 25 25 25  **Upland Fo  **Cover*  5 10 5 35	Log/XLog  Die Pol  Size Class  Pole/Sapling  Pole/Log  Pole/Log  Size Class  Pole/Log  Pole/Log  Pole/Log  Pole/Log  Pole/Sapling  Pole/Log  Pole/Sapling  Pole/Log  Pole/Sapling  Pole/Log  Log/Pole	14 etimbe  DBH	r Mediu I Age 95	Sub-Cand A  74.1  Sub-Cand	opy Species  85  opy Species	Density Medium  111-140 Density	Avg. Height 5 - 10 feet  N/A  Avg. Height	Tall Shrub		
89	Red Maple Sugar Maple 6130 - Fir, A Canopy Species Balsam Fir Red Maple Black Spruce Balsam Poplar 4319 - Mixed Canopy Species orthern White Cedar Balsam Fir Black Cherry	50  Aspen, Mar  **Cover* 25 25 25 25  Upland Fo  **Cover* 5 10 5	Log/XLog  Die Pol  Size Class  Pole/Sapling  Pole/Log  Pole/Log  Size Class  Pole/Log  Pole/Sapling  Pole/Log	14 etimbe  DBH	r Mediu I Age 95 95 per Wel	Sub-Cand A  74.1  Sub-Cand	opy Species  85  opy Species	Density Medium  111-140 Density	Avg. Height 5 - 10 feet  N/A  Avg. Height	Tall Shrub		
89	Red Maple Sugar Maple 6130 - Fir, A Canopy Species Balsam Fir Red Maple Black Spruce Balsam Poplar 4319 - Mixed Canopy Species orthern White Cedar Balsam Fir Black Cherry Red Maple	50  Aspen, Map  **Cover*  25 25 25 25  **Upland Fo  **Cover*  5 10 5 35	Log/XLog  Die Pol  Size Class  Pole/Sapling  Pole/Sapling  Pole/Log  Pole/Log  Pole/Log  Pole/Log  Pole/Log  Pole/Log  Pole/Log  Pole/Log  Pole/Sapling  Pole/Log  Log/Pole  Log/Pole  Log	14 etimbe  DBH	r Mediu I Age 95 er Wel I Age	Sub-Cand A  74.1  Sub-Cand	opy Species  85  opy Species	Density Medium  111-140 Density	Avg. Height 5 - 10 feet  N/A  Avg. Height	Tall Shrub		
89	Red Maple Sugar Maple 6130 - Fir, A Canopy Species Balsam Fir Red Maple Black Spruce Balsam Poplar 4319 - Mixed Canopy Species orthern White Cedar Balsam Fir Black Cherry Red Maple White Spruce	50  Aspen, Map  **Cover*  25  25  25  25  25  1 Upland Fo  **Cover*  5  10  5  35  10	Log/XLog  Die Pol  Size Class  Pole/Sapling  Pole/Sapling  Pole/Log  prest S  Size Class  Pole/Log  Pole/Log  Pole/Log  Pole/Log  Pole/Log  Pole/Sapling  Pole/Log  Pole/Sapling  Pole/Log  Log/Pole  Log/Pole	14   etimbe	r Mediu I Age 95 er Wel I Age	Sub-Cand A  74.1  Sub-Cand	opy Species  85  opy Species	Density Medium  111-140 Density	Avg. Height 5 - 10 feet  N/A  Avg. Height	Tall Shrub		

Compartment: 91 Year of Entry: 2025 DNR MICHIGAN

Stand Level 4 C	over Type	s	ize De	nsity	Acres	Stand Age	BA Range	Managed S	ite	General Comments	MICHIGAN .
<b>90</b> 4319 - Mixed	d Upland F	orest Sa	awtimb	er Well	16.1	100	81-110	N/A			
Canopy Species	% Cove	Size Class	DBH	Age	Sub-Ca	nopy Specie	s Density	Avg. Height	Size		
Black Ash	10	Sapling/Pole/Log	9 4		Re	d Maple	Medium	10 - 20 feet	Sapling		
Black Spruce	5	Pole/Log	8		Sug	gar Maple	Medium	10 - 20 feet	Sapling		
Northern White Cedar	10	Log	10								
White Pine	5	XLog/Log	18								
Red Maple	35	Log/Pole	12	100							
Sugar Maple	5	Log/Pole	12								
Hemlock	30	Log	14								
<b>92</b> 6128 - Lowland Dec	Coniferous ciduous	s, Mixed Po	oletimb	er Well	59.7	110	Unspecified	N/A			
Canopy Species	% Cove	Size Class	DBH	Age							
Yellow Birch	5	Log/Pole	10								
Quaking Aspen	2	Log/Pole	10								
Red Maple	4	Log/Pole	10								
Northern White Cedar	30	Log/Pole	10	110							
Black Spruce	7	Log/Pole	10								
Balsam Fir	10	Log/Pole	10								
Hemlock	15	Log/Pole	10								
Black Ash	27	Pole	8								
93 4119 - Mixed N	orthern Ha	rdwoods Sa	awtimb	er Well	42.3	105	111-140	N/A			
Canopy Species	% Cove	Size Class	DBH	Age	Sub-Ca	nopy Specie	s Density	Avg. Height	Size		
Black Cherry	10	Log/XLog	16		Sug	gar Maple	Medium	5 - 10 feet	Sapling		
Red Maple	35	Log/Pole	14	105	Ва	lsam Fir	Medium	5 - 10 feet	Sapling		
Northern White Cedar	5	Log/Pole	10								
Sugar Maple	20	Log/Pole/XLog	14								
Hemlock	10	Pole/Log	10								
Balsam Fir	20	Pole/Log	10								
<b>94</b> 6132 - Mixed Lowl					n 106.6	110	81-110	N/A			
Canopy Species	% Cove		_	Age							
Black Ash	35	Log/Pole	10								
Northern White Cedar	40	Log/Pole	10	110							
Yellow Birch	5	Pole/Log	8								
Hemlock	10	Log/Pole	12								
Red Maple	10	Pole/Sapling	6								
<b>95</b> 6229 - Mixe	d lowland s	hrub	Nonsto	cked	13.9		Unspecified	No			



Stand	Level 4 Co	over Type	\$	Size De	nsity	Acres	Stand Age E	BA Range	Managed S	ite		General Comments	MICHIGAN
96	4119 - Mixed No	orthern Hard	dwoods P	oletimb	er Well	6.3	100	81-110	N/A		Mixed young stand		
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Can	opy Species	Density	Avg. Height	Size			
	Hemlock	5	Log/Pole	10		Suga	r Maple	Medium	10 - 20 feet	Sapling			
	Sugar Maple	10	Pole	8		Bals	am Fir	Medium	10 - 20 feet	Sapling			
	Yellow Birch	10	Pole/Log	8									
	Red Maple	45	Log/Pole	10	100								
Nor	thern White Cedar	5	Pole/Log	8									
	Black Ash	10	Pole/Log	8									
	Balsam Fir	15	Pole/Sapling	6									
97	4191 - Mixed Upla Co	and Decidu onifer	ous with P	oletimb	er Well	13.8	80	111-140	N/A				
	Canopy Species	% Cover	Size Class	DBH	Age								
	Balsam Fir	15	Pole	8									
	Sugar Maple	5	Log/Pole	10									
	Black Ash	15	Pole/Log	8									
Nor	thern White Cedar	10	Pole/Log	8									
	Hemlock	5	Log/Pole	10									
	Red Maple	50	Pole/Log	10	80								
98	6132 - Mixed Lowla	nd Forest	with Cedar Pol	etimbei	Mediun	n 11.2	70	81-110	N/A				
	Canopy Species	% Cover	Size Class	DBH	Age								
	Black Spruce	15	Pole	8									
	Balsam Fir	15	Pole	8									
Nor	thern White Cedar	20	Pole/Log	12									
	Black Cherry	25	Log	12									
	Red Maple	25	Pole/Log	10	70								
	4112 - Maple, Beec					14.0	105	111-140	N/A		Good quality stand		
	Canopy Species		Size Class		Age	Sub-Can	opy Species		Avg. Height	Size			
	Balsam Fir	10	Pole/Log	8		Suga	r Maple	Medium	5 - 10 feet	Sapling			
	Sugar Maple	65	Log/Pole/XLog		105								
	Red Maple	15	Log/Pole/XLog										
	Hemlock	10	Log/Pole	12									
100	6220 - A	lder/willow		Nonsto	ocked	4.9	ι	Jnspecified	No				
101	500 -	Water		Nonsto	ocked	4.2		Jnspecified	No				



Stand	Level 4 Co	over Type	s	ize De	nsity	Acres S	Stand Age B	A Range	Managed S	ite	Gene	al Comments	MICHIGAN
102	42380 - Non Pine U Deci	Ipland Coni iduous	fer, Mixed Pole	etimbei	Mediu	m 4.0	80	81-110	N/A				
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Cand	opy Species	Density	Avg. Height	Size			
	Balsam Fir	10	Log	12		Bals	am Fir	High	10 - 20 feet	Sapling			
Nor	thern White Cedar	20	Pole	8									
	Black Ash	20	Pole/Log	8									
	Red Maple	10	Pole/Log	8									
	Hemlock	40	Log/Pole	10	80								
103	4112 - Maple, Beec	h, Cherry A	ssociation Sa	awtimb	er Well	4.8	93	81-110	N/A				
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Cand	opy Species	Density	Avg. Height	Size			
	Sugar Maple	50	Log/Pole/XLog		93	Suga	r Maple	Low	5 - 10 feet	Sapling			
	Red Maple	30	Log/Pole	10									
	White Ash	5	Log	12									
	Yellow Birch	5	Pole/Log	8									
Nor	thern White Cedar	5	Log/Pole	10									
	Hemlock	5	Log/Pole	12									
104	3105 - Mixed Ս <b></b>	oland Herba	aceous I	Nonsto	ocked	2.0	Uı	nspecified	No				
105	623 - Emer	gent Wetla	nd I	Nonsto	ocked	5.8	Uı	nspecified	No				
106		wland Ceda			er Well	32.2	110 U	nspecified	N/A				
	Canopy Species		Size Class		Age								
	Balsam Fir	20	Pole	6									
	Paper Birch	2	Pole	8									
Nor	thern White Cedar	50	Pole	8	110								
Nor	thern White Cedar Black Ash	50 20	Pole Pole/Sapling	8 8 6	110								
	thern White Cedar Black Ash Red Maple	50 20 3	Pole Pole/Sapling Pole	8 8 6 8	110								
	thern White Cedar Black Ash	50 20	Pole Pole/Sapling	8 8 6	110								
	thern White Cedar Black Ash Red Maple Balsam Poplar	50 20 3	Pole Pole/Sapling Pole Pole	8 8 6 8		45.3	26 U	nspecified	N/A				
108	thern White Cedar Black Ash Red Maple Balsam Poplar	50 20 3 5	Pole Pole/Sapling Pole Pole	8 8 6 8 8		45.3	26 U	nspecified	N/A				
108	them White Cedar Black Ash Red Maple Balsam Poplar 4130	50 20 3 5	Pole Pole/Sapling Pole Pole	8 8 6 8 8	y Well	45.3	26 U	nspecified	N/A				

Gwinn Mgt. Unit Report 7 - Stands



Stand	Level 4 C	over Type		Size De	ensity	Acres	Stand Age B	A Range	Managed S	ite	General Comments	MICHIGAN
109	4112 - Maple, Beed	ch, Cherry	Association I	Poletimb	er Well	4.6	90	51-80	N/A		thinned 2/2020. trace of ash	_
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	anopy Species	Density	Avg. Height	Size	Cut with 32-019-16. TCR 2/25/2020	
	Sugar Maple	20	Pole	6		Ва	alsam Fir	Low	10 - 20 feet	Pole		
	Black Cherry	20	Log	12							_	
	Balsam Fir	5	Pole	6								
	Red Maple	50	Pole/Log	10	90							
	Hemlock	5	Log	12								
110	4110 - Sugar N	Maple Asso	ciation	Sawtimb	er Well	14.8	105	81-110	N/A		thinned 2/2020. Good quality maple stand	
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	anopy Species	Density	Avg. Height	Size	Cut with 32-019-16. TCR 2/25/2020	
	Red Maple	10	Log	10		Ва	alsam Fir	Low	5 - 10 feet	Sapling		
	Sugar Maple	80	Log/Pole/XLo	og 14	105	Ye	llow Birch	Low	5 - 10 feet	Sapling		
	Black Cherry	10	Log	10							-	
111	4116 - Mixed N.		•	Poletimb		6.3	100	81-110	N/A			
	Canopy Species		Size Class		l Age							
	Quaking Aspen	20	XLog/Log	16								
	Red Maple	50	Log	12	100							
	Balsam Fir	10	Log	12								
	Sugar Maple	20	Pole	8								
112	4112 - Maple, Beed	ch, Cherry	Association	Sawtimb	er Well	5.3	90	81-110	N/A		thinned 2/2020. Cut with 32-019-16. TCR 2/25/2020	
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	anopy Species	Density	Avg. Height	Size		
	Red Maple	50	Log	12	90	Su	gar Maple	Low	10 - 20 feet	Pole		
	Yellow Birch	10	Pole	8								
	Sugar Maple	40	Log	12								
113	4112 - Maple, Beed	ch, Cherry	Association	Sawtimb	er Well	3.2	100	81-110	N/A			
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Ca	anopy Species	Density	Avg. Height	Size		
	Red Maple	40	Pole/Log	10		Ba	alsam Fir	Low	5 - 10 feet	Sapling		
	Sugar Maple	60	Pole/Log	10	100							
114	4319 - Mixed			oletimbe		m 3.0	105	81-110	N/A		stand is breaking apart	
	Canopy Species		Size Class		l Age							
	Red Maple	30	Pole	6	105							
	Yellow Birch	20	Pole	6								
	Balsam Fir	25	Pole	6								
	White Spruce	10	Pole	6								
No	rthern White Cedar	10	Pole	6								
	Hemlock	5	Log/Pole	12								



											1001 01 2110 1 2020	DNR
Stand	Level 4 C	over Type	;	Size De	nsity	Acres	Stand Age	e BA Range	Managed S	ite	General Comments	- MICHIGAN
115	622 - Lov	vland Shrub	)	Nonsto	cked	3.0		Unspecified	No			
116	6128 - Lowland Dec	Coniferous	, Mixed F	Poletimb	er Well	14.6	60	Unspecified	N/A			
(	Canopy Species	% Cover	Size Class	DBH	Age							
	Balsam Fir	10	Pole/Sapling	5								
	Black Ash	30	Pole	5								
	Black Spruce	20	Pole/Sapling	5								
	Red Maple	10	Pole/Sapling	5								
Nort	hern White Cedar	30	Pole	5	60							
117	4115 - Y.Birc	h, Hemlock	NH F	Poletimb	er Well	1.7	80	111-140	N/A			
(	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Speci	ies Density	Avg. Height	Size		
	Red Maple	55	Log/Pole	10	80	Re	ed Maple	Low	5 - 10 feet	Sapling		
	Black Spruce	5	Log/Pole	10				'			_	
Nort	hern White Cedar	5	Pole/Log	8								
	Hemlock	15	Log/Pole	12								
	Balsam Fir	10	Pole	8								
	Yellow Birch	10	Log	12								
119	6120 - Lo	wland Ceda	ar Po	letimber	Medium	n 7.7	90	Unspecified	N/A		Much of stand is jackstrawed	
-	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Speci	ies Density	Avg. Height	Size		
Nort	hern White Cedar	70	Pole/Log	12	90	BI	ack Ash	Medium	5 - 10 feet	Sapling		
	Black Spruce	10	Pole/Log	10		Re	ed Maple	Medium	5 - 10 feet	Sapling		
	Red Maple	10	Pole/Log	10							-	
	Yellow Birch	10	Pole/Log	10								
120	4119 - Mixed No	orthern Hard	dwoods Sa	wtimber	Medium	n 12.8	80	51-80	N/A			
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Speci	ies Density	Avg. Height	Size		
	Black Cherry	10	Log	10	-		lsam Fir	Medium	5 - 10 feet	Sapling		
	Sugar Maple	10	Log	12				1			1	
	Red Maple	40	Log	14	80							
	Yellow Birch	10	Log	14								
Nort	hern White Cedar	15	Pole	8								
INOIT			1 010	0								



Stand				Size Density  Poletimber Medium		Acres	Stand Age B	BA Range	Managed Site		General Comments	Michigan
121			ır Pol			24.2		Jnspecified				
	Canopy Species	% Cover	Size Class	DBH	Age							
	Black Ash	10	Pole	8								
	Balsam Fir	20	Pole	8								
	Black Spruce	20	Pole	8								
Nor	rthern White Cedar	50	Pole	8	100							
22	6119 - Mixed Lowla	nd Deciduo	ous Forest P	oletimb	er Well	1.2	70	81-110	N/A		Low quality ash and red maple	
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	anopy Specie	s Density	Avg. Height	Size		
	Red Maple	50	Pole	6	70	Ва	alsam Fir	Medium	5 - 10 feet	Sapling		
	Black Ash	50	Pole	6								
	122 - Road	l/Parking Lo	ot	Nonsto	cked	1.1		Unspecified	No		Diffin Road	
23			Ol.	14011010	onou			0.10000.100				
	6120 - Lov			oletimb		7.6		Unspecified	N/A		Flooded borders on non-forested	
123		vland Ceda		oletimb				Unspecified	N/A Avg. Height	Size	Flooded borders on non-forested	
24	6120 - Lov	vland Ceda	ar P	oletimb	er Poor	Sub-Ca	80	Unspecified		Size Tall Shrub		
124	6120 - Lov Canopy Species	vland Ceda	ar P	oletimb	er Poor	Sub-Ca	80 anopy Specie	Unspecified s Density	Avg. Height			
<b>124</b> Nor	6120 - Lov Canopy Species rthern White Cedar	vland Ceda  % Cover  75  25	Size Class Sapling/Pole Sapling/Pole	oletimb DBH	er Poor Age 80	Sub-Ca	80 anopy Specie	Unspecified s Density	Avg. Height		Cut in 2/2020. Poor Quality Stand	
24 Nor 25	6120 - Lov Canopy Species rthern White Cedar Balsam Fir	vland Ceda % Cover 75 25  and Hemlo	Size Class Sapling/Pole Sapling/Pole	DBH 4 4 coletimb	er Poor Age 80	<b>Sub-Ca</b> 5.9	80 anopy Specie Alder	Unspecified  s Density  High  1-50	Avg. Height 5 - 10 feet			
24 Nor 25	6120 - Lov Canopy Species rthern White Cedar Balsam Fir 42350 - Upl	vland Ceda % Cover 75 25  and Hemlo	Size Class Sapling/Pole Sapling/Pole	DBH 4 4 coletimb	er Poor 80 er Poor	5.9 Sub-Ca	80 anopy Specie Alder 70	Unspecified  s Density  High  1-50	Avg. Height 5 - 10 feet  N/A	Tall Shrub	Cut in 2/2020. Poor Quality Stand	
24 Nor 25	6120 - Lov Canopy Species rthern White Cedar Balsam Fir 42350 - Upl Canopy Species	vland Ceda % Cover 75 25  and Hemlo % Cover	Size Class Sapling/Pole Sapling/Pole ock P Size Class	oletimb  DBH  4  4  oletimb	er Poor 80 er Poor	5.9 Sub-Ca	80 Anopy Specie Alder  70 Anopy Specie	Unspecified  s Density  High  1-50  s Density	Avg. Height 5 - 10 feet  N/A  Avg. Height	Tall Shrub	Cut in 2/2020. Poor Quality Stand	
Nor	6120 - Lov Canopy Species rthern White Cedar Balsam Fir  42350 - Upl Canopy Species rthern White Cedar	wland Ceda  % Cover  75 25  and Hemlo  % Cover  30	Size Class Sapling/Pole Sapling/Pole Ock P Size Class Pole/Log	oletimb  DBH  4 4 oletimb  DBH  8	er Poor  Age 80  er Poor  Age	5.9 Sub-Ca	80 Anopy Specie Alder  70 Anopy Specie	Unspecified  s Density  High  1-50  s Density	Avg. Height 5 - 10 feet  N/A  Avg. Height	Tall Shrub	Cut in 2/2020. Poor Quality Stand	
24 Nor 25	6120 - Lov Canopy Species rthern White Cedar Balsam Fir  42350 - Upl Canopy Species rthern White Cedar Hemlock	vland Ceda  **Cover*   75     25    and Hemlo  **Cover*   30     60     10	Size Class Sapling/Pole Sapling/Pole ock Pi Size Class Pole/Log Log Sapling/Pole	oletimb  DBH  4  4  oletimb  DBH  8  12	er Poor  Age 80  er Poor Age 70	5.9 Sub-Ca	80 Anopy Specie Alder  70 Anopy Specie	Unspecified  s Density  High  1-50  s Density	Avg. Height 5 - 10 feet  N/A  Avg. Height	Tall Shrub	Cut in 2/2020. Poor Quality Stand	
Nor 25 Nor 26	Canopy Species rthern White Cedar Balsam Fir  42350 - Upl Canopy Species rthern White Cedar Hemlock Yellow Birch  4112 - Maple, Beecl Canopy Species	wland Ceda  % Cover  75 25  and Hemlo  % Cover  30 60 10  h, Cherry A	Size Class Sapling/Pole Sapling/Pole Size Class Pole/Log Log Sapling/Pole Association Size Class	oletimb  DBH  4 4 4 oletimb  DBH  8 12 8 Gawtimb  DBH  DBH	er Poor  Age 80  er Poor Age 70	5.9 Sub-Ca Ba 3.0 Sub-Ca	80 Anopy Specier 70 Anopy Specier alsam Fir 80 Anopy Specier	Unspecified  s Density  High  1-50 s Density  Low  81-110 s Density	Avg. Height 5 - 10 feet  N/A  Avg. Height 10 - 20 feet  N/A  Avg. Height	Tall Shrub	Cut in 2/2020. Poor Quality Stand	
Nor 125 Nor	Canopy Species rthern White Cedar Balsam Fir  42350 - Upl Canopy Species rthern White Cedar Hemlock Yellow Birch  4112 - Maple, Beecl Canopy Species rthern White Cedar	vland Ceda  **Cover*   75	Size Class Sapling/Pole Sapling/Pole Ock P Size Class Pole/Log Log Sapling/Pole Association S	oletimb  DBH  4 4 4 oletimb  DBH  8 12 8  Sawtimb  DBH  6	er Poor 80 er Poor Age 70 er Well	5.9 Sub-Ca Ba 3.0 Sub-Ca	80 Anopy Specier Alder  70 Anopy Specier Alsam Fir	Unspecified  s Density High  1-50 s Density Low  81-110	Avg. Height 5 - 10 feet  N/A  Avg. Height 10 - 20 feet  N/A	Size Sapling	Cut in 2/2020. Poor Quality Stand	
Nor 125 Nor	Canopy Species rthern White Cedar Balsam Fir  42350 - Upl Canopy Species rthern White Cedar Hemlock Yellow Birch  4112 - Maple, Beecl Canopy Species	wland Ceda  % Cover  75 25  and Hemlo  % Cover  30 60 10  h, Cherry A	Size Class Sapling/Pole Sapling/Pole Ock P Size Class Pole/Log Log Sapling/Pole Association S Size Class	poletimb  DBH  4  4  Poletimb  BBH  8  Cawtimb  DBH  6  10	er Poor  Age 80  er Poor Age 70  er Well Age	5.9 Sub-Ca Ba 3.0 Sub-Ca	80 Anopy Specier 70 Anopy Specier alsam Fir 80 Anopy Specier	Unspecified  s Density  High  1-50 s Density  Low  81-110 s Density	Avg. Height 5 - 10 feet  N/A  Avg. Height 10 - 20 feet  N/A  Avg. Height	Size Sapling	Cut in 2/2020. Poor Quality Stand	
Nor 125 Nor	Canopy Species rthern White Cedar Balsam Fir  42350 - Upl Canopy Species rthern White Cedar Hemlock Yellow Birch  4112 - Maple, Beecl Canopy Species rthern White Cedar	wland Ceda  % Cover  75 25  and Hemlo  % Cover  30 60 10  h, Cherry A  % Cover  10	Size Class Sapling/Pole Sapling/Pole Size Class Pole/Log Log Sapling/Pole Association Size Class Pole	oletimb  DBH  4 4 4 oletimb  DBH  8 12 8  Sawtimb  DBH  6	er Poor 80 er Poor Age 70 er Well	5.9 Sub-Ca Ba 3.0 Sub-Ca	80 Anopy Specier 70 Anopy Specier alsam Fir 80 Anopy Specier	Unspecified  s Density  High  1-50 s Density  Low  81-110 s Density	Avg. Height 5 - 10 feet  N/A  Avg. Height 10 - 20 feet  N/A  Avg. Height	Size Sapling	Cut in 2/2020. Poor Quality Stand	



Stand	Level 4 Cover Type			Size Density		Acres Stand Age BA		BA Range	Managed Site		General Comments		
128	4112 - Maple, Beech, Cherry Association			Poletimber Well		67.3 101	101	111-140	N/A		Heavy component of black cherry, which is in decline. Contains black		
	Canopy Species % Cover Size Black Cherry 20 F		Size Class	DBH	H Age	-	anopy Species aple (spp.)	Density	Avg. Height >20 feet	Size Sapling	knot. Low quality sapling maple regeneration, and no seedling ground cover. Fingers of lower, wetter areas with hemlock, birch run through		
			Pole/Log	10				Medium					
	Red Maple	33	Pole/Sap/Log	10	101	Wh	nite Pine	Low	< 5 feet	Seeding			
	Sugar Maple	30	Pole/Sap/Log	9		Ва	lsam Fir	Low	< 5 feet	Seeding			
	White Spruce	2	Pole/Log	9							•		
	Hemlock	6	Pole/Log	9									
(	Quaking Aspen	2	Log	12									
	White Pine	2	XLog	24									
	Yellow Birch	5	Log	14									
130	6220 - Alder/willow			Nonstocked		2.9 Un		Jnspecified	No		Low density trees with tagalder - contains Sucker Creek		
						Sub-Ca	nopy Species	Density	Avg. Height	Size			
						Blackbe	rry/Raspberry	High		Tall Shrub			
						Blackbe	rry/Raspberry	High		Tall Shrub			
						Bla	ack Ash	Trace		Pole			
						Ва	Isam Fir	Trace		Pole			
						Whi	te Spruce	Trace		Pole			
						Ta	ag Alder	Medium		Tall Shrub			
						Blackbe	rry/Raspberry	High		Tall Shrub			
						Blackbe	rry/Raspberry	High		Tall Shrub			