

# **Compartment Review Presentation**

**Baraga Forest Management Unit** 

Compartment 11006 Entry Year 2025 Acreage: 2,350

County Baraga

Management Area: Keweenaw Bay

Stand Examiner: Ryan Mattila

**Legal Description:** 

Baraga County, Baraga Township. T50N R34W Sections 18,20,29,30 T51N R34W Sections 28, 33

### **Identified Planning Goals:**

Menge Creek (4.19)

Manage for age class diversity. Maintain current species mix.

### Soil and topography:

Soils in T50N, R34W are sands: Rubicon-Rousseau\_Ocqueoc Complex, Rubicon, Rousseau\_Ocqueoc, Kinros, Croswell and Augres. The soils in T51N, R34Ware heavier; Pelkie loamy fine sand, Munising loamy sand, Froberg silt loam, and Moquah silt loam. This compartment has some rugged topography adjacent to level or rolling areas.

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

In T50N; R34W the adjacent landowners are US Forest Service, forest industry, State Forest, and private landowners. Except for the small private parcels, all adjacent lands are managed as forest land. All of the adjacent ownerships in T51N; R34W are small Private landowners.

### **Unique Natural Features:**

No unique or natural features have been identified.

#### **Archeological, Historical, and Cultural Features:**

Historic features noted in area, check with HAL for proper offsets from feature they have recorded.

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

None listed.

#### Watershed and Fisheries Considerations:

Six mile Creek and a tributary, and the Sturgeon River are trout streams.

#### Wildlife Habitat Considerations:

Compartment 6 is found within the Menge Creek Management Area; on a Dissected Moraine in central Baraga County. Most of the natural communities in this area are mesic northern forests and dry mesic northern forests. Major forest cover types include Aspen, Northern Hardwood, and Paper Birch. This area provides critical wintering habitat for white tailed deer, especially along the Sturgeon River. Wildlife management priorities in the Menge Creek Management Area include maintaining the hemlock and oak habitat components that offer high wildlife values, particularly for deer and bear. The protection of north-south movement corridors created by topography and tree characteristics is also important through protection of mesic conifer thermal cover. This includes minimizing habitat fragmentation; insuring adequate course woody debris; retain or develop large living and dead standing trees (for cavities); mesic conifer; mature forest; within-stand diversity; closed canopy forest; and deer wintering complexes.

The following have been identified as featured species for the Menge Creek Management Area: American Marten, Black Bear, and White-Tailed Deer.

#### Mineral Resource and Development Concerns and/or Restrictions

Surface sediments consist of coarse-textured glacial till and minor postglacial alluvium and lacustrine (lake) sand and gravel. The glacial drift thickness varies from insufficient data to determine up to a thickness of 100 feet. The Devonian Bois Blanc Formation and the Precambrian Jacobsville Sandstone and the Michigamme Formation underlie the compartment. The Bois Blanc is quarried for limestone in Section 7-T51N-R34W (State NM-100) and the Jacobsville was previously used as a building stone. There are gravel pits in the area and there should be potential especially in T50N-R34W. Abandoned iron mines (Taylor) are located six miles to the east and Sections 18, 20 and 30-T50N-R34W were previously leased for metallic exploration. There is no economic oil and gas production in the UP.

#### **Vehicle Access:**

The block of land in T50N, R34W has good access off of the Baraga Plains Road. The strip of land along the Sturgeon River has access from the north off of M-38.

### **Survey Needs:**

No survey corners are needed.

## **Recreational Facilities and Opportunities:**

Parks and Recreational Division maintains an access site on the west bank of the Sturgeon River. The Baraga Plains Road is used as a snowmobile trail, and an ORV connector route.

#### **Fire Protection:**

This is an area of low fire incidence. The area is north of the Baraga Plains zone dispatch area.

### **Additional Compartment Information:**

The following reports from the Inventory are attached:

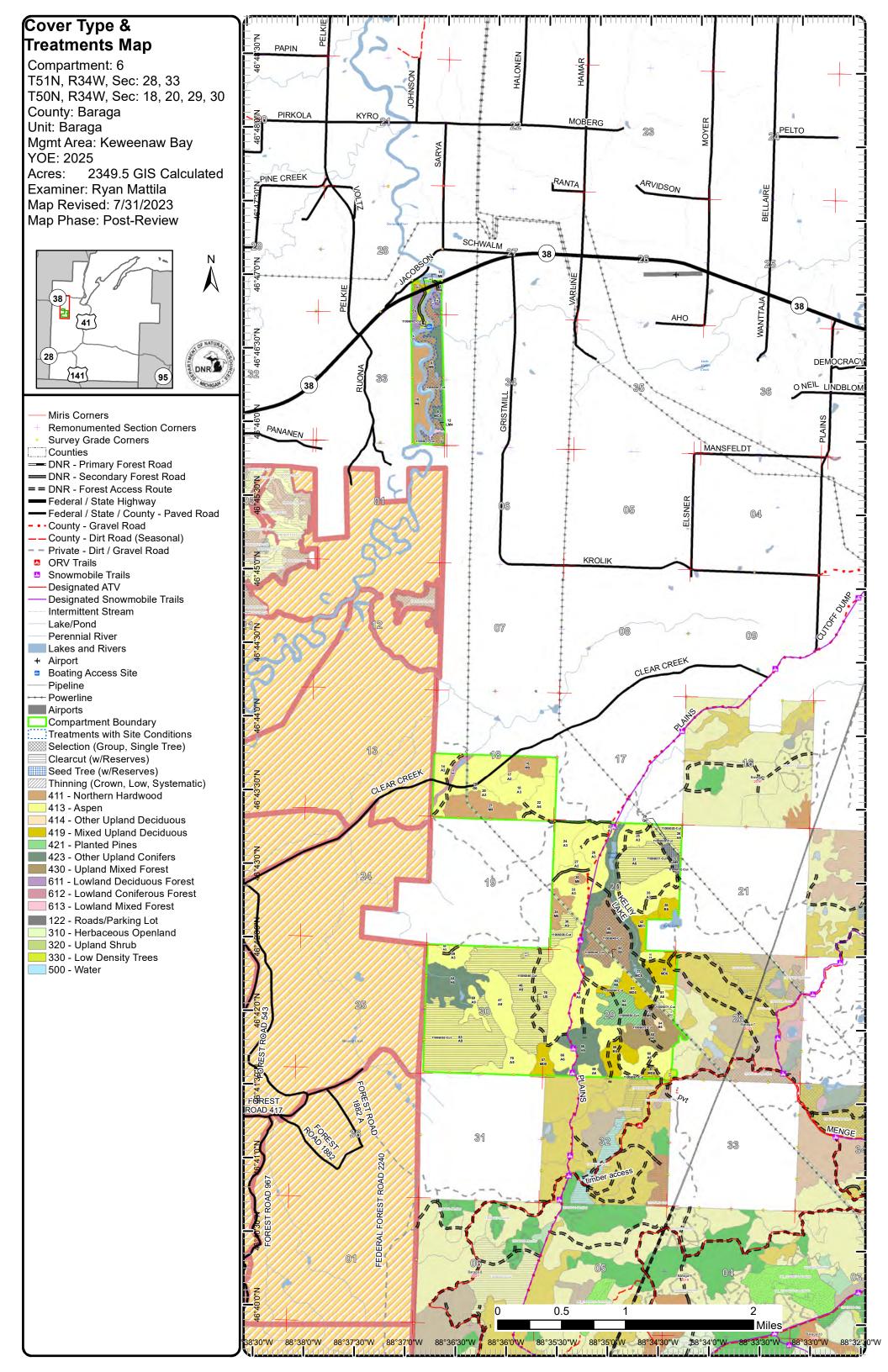
**Total Acres by Cover Type and Age Class Cover Type by Harvest Method Proposed Treatments - No Limiting Factors Proposed Treatments – With Limiting Factors** Stand Details (Forested and Nonforested) **Dedicated and Proposed Special Conservation Areas Site Condition Details** 

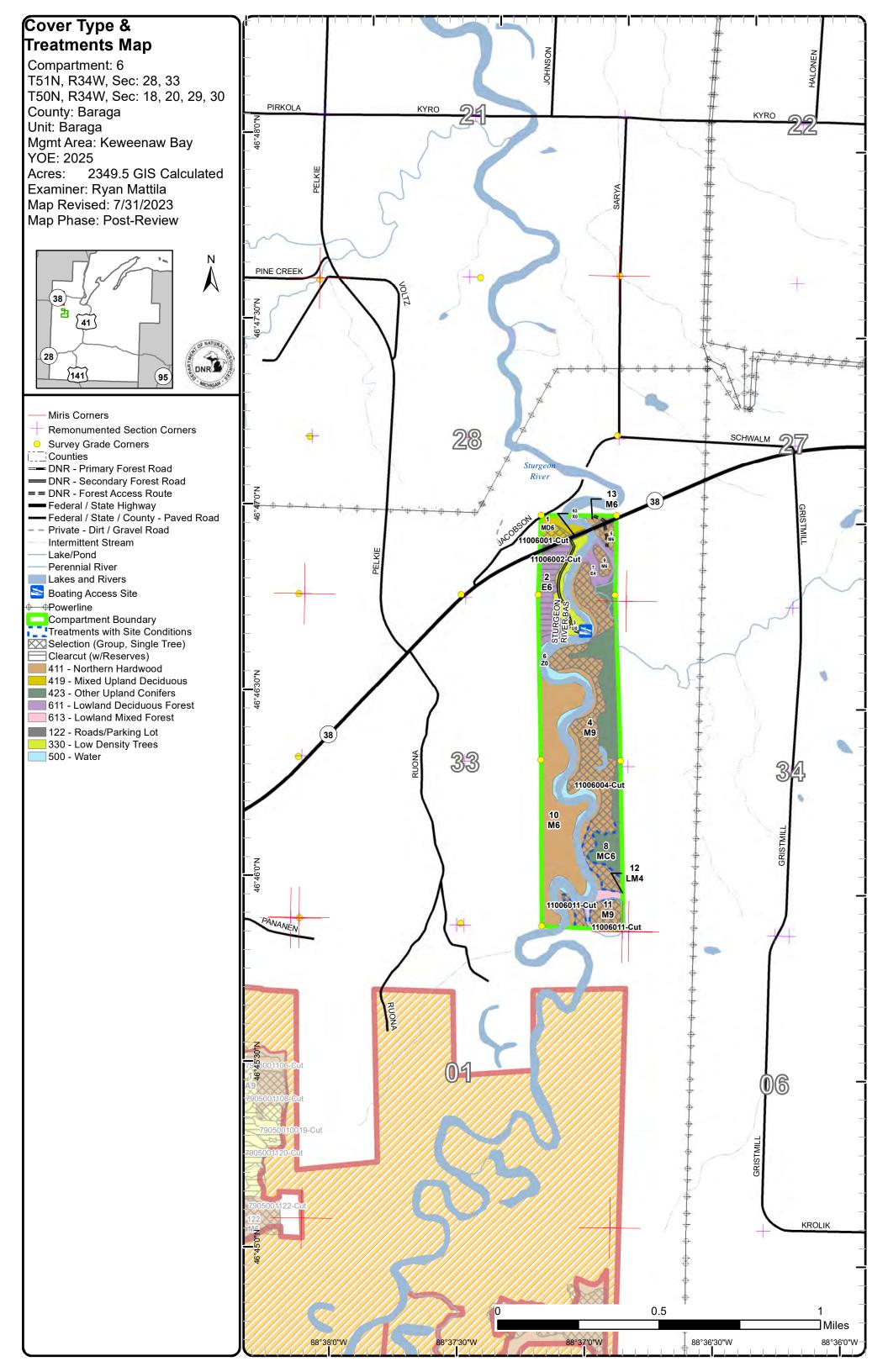
The following information is displayed, where pertinent, on the attached compartment maps:

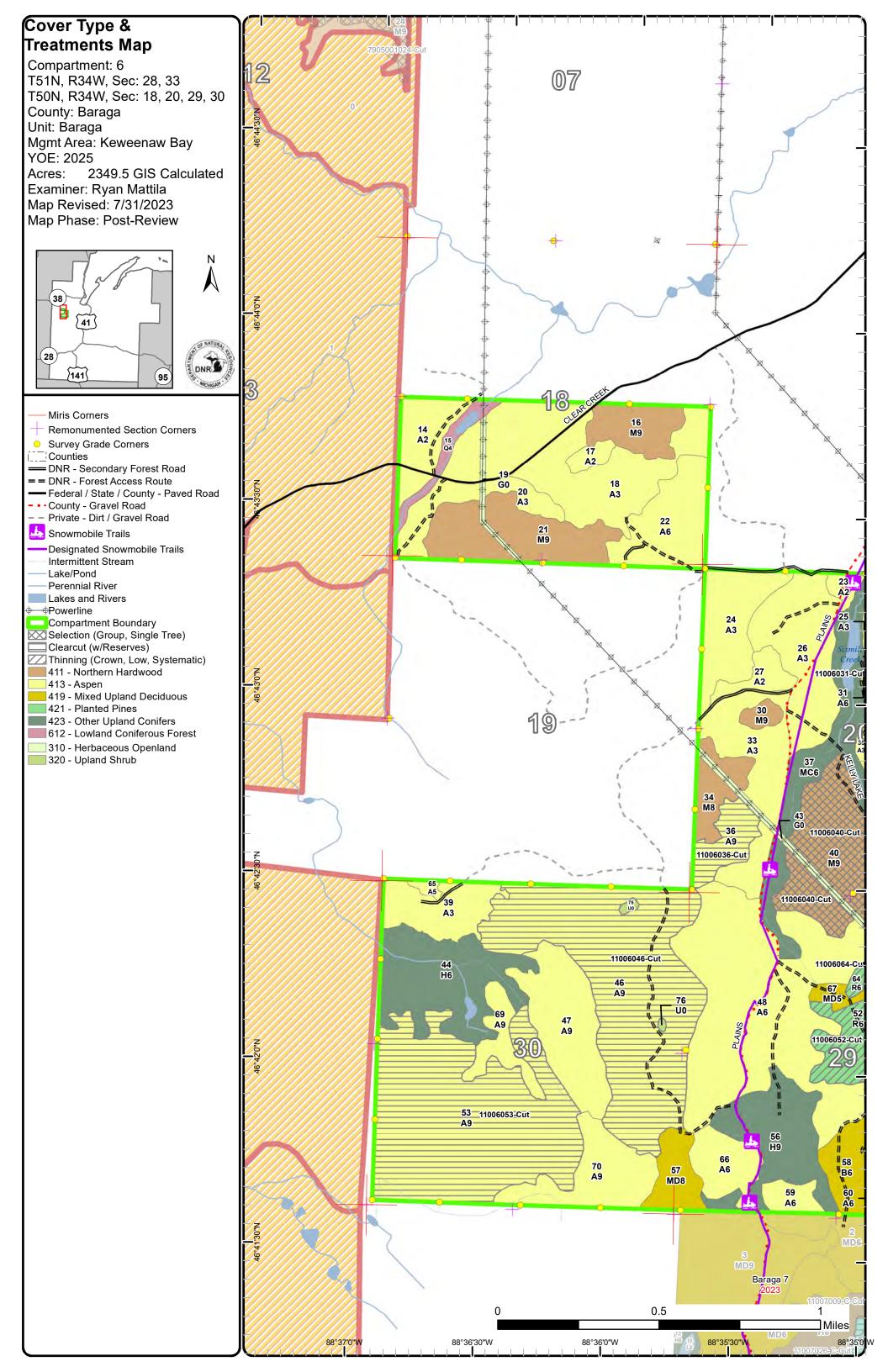
Base feature information, stand boundaries, cover types, and numbers **Proposed treatments** 

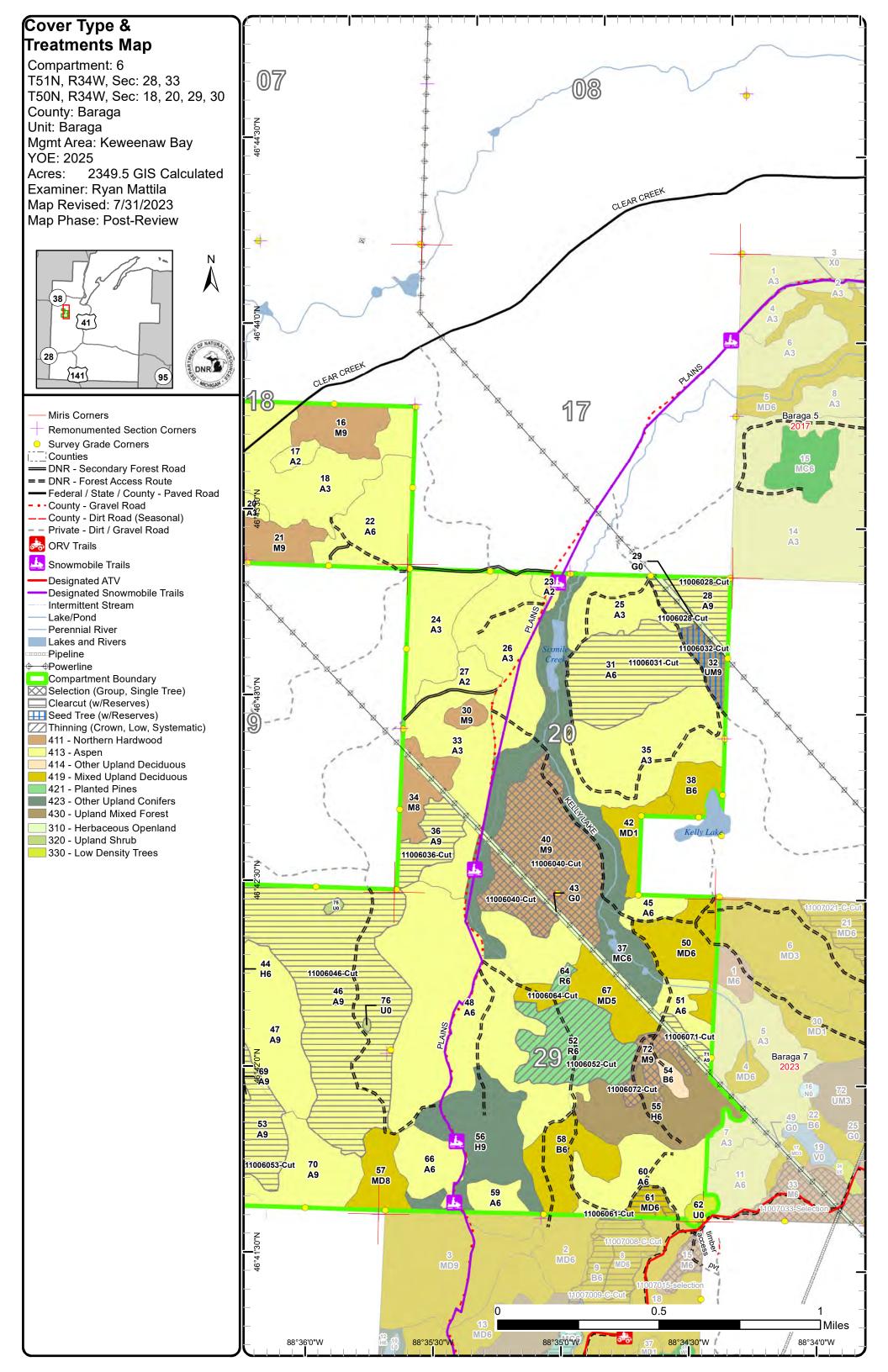
Site condition boundaries

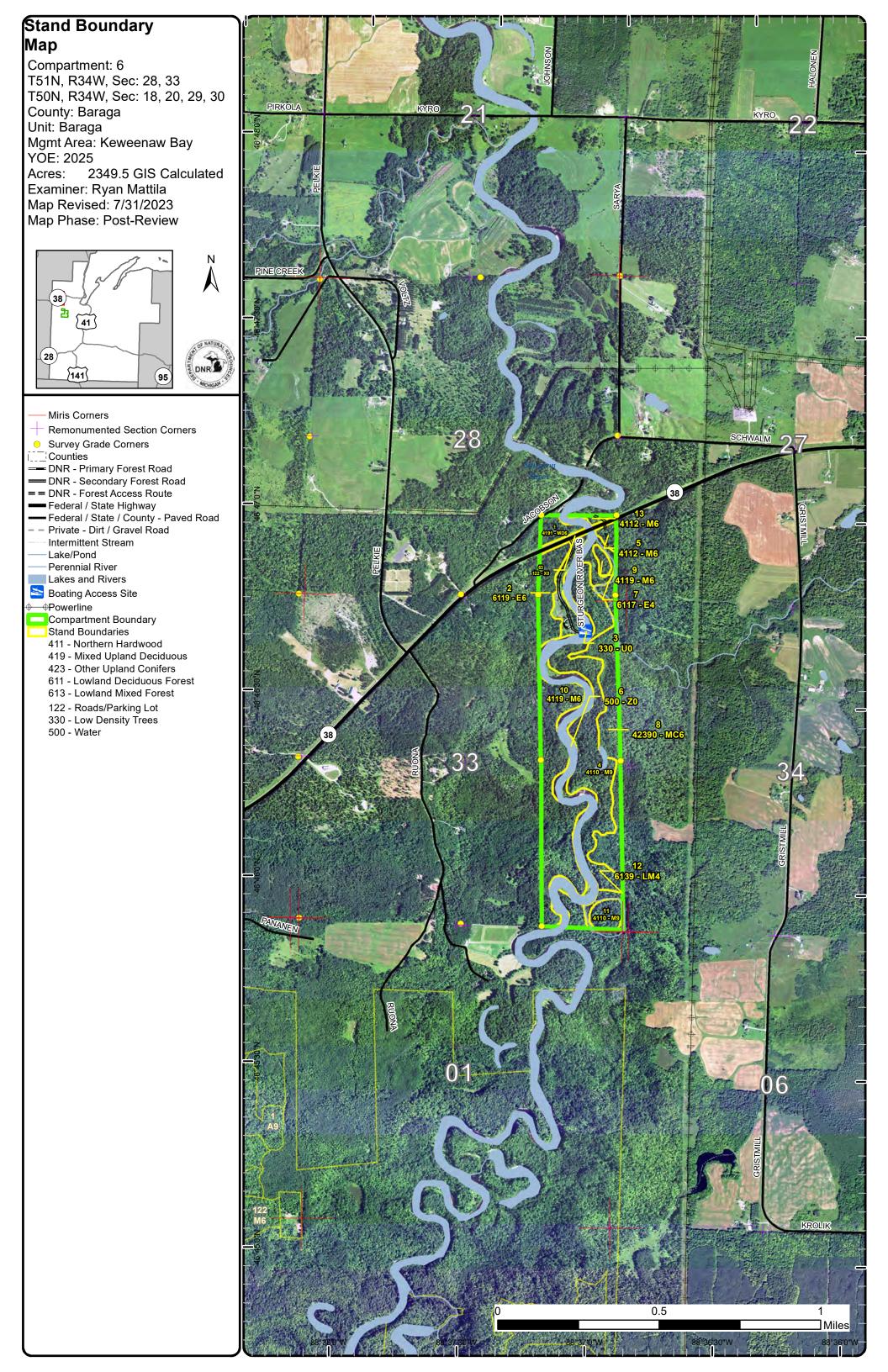
Details on the road access system

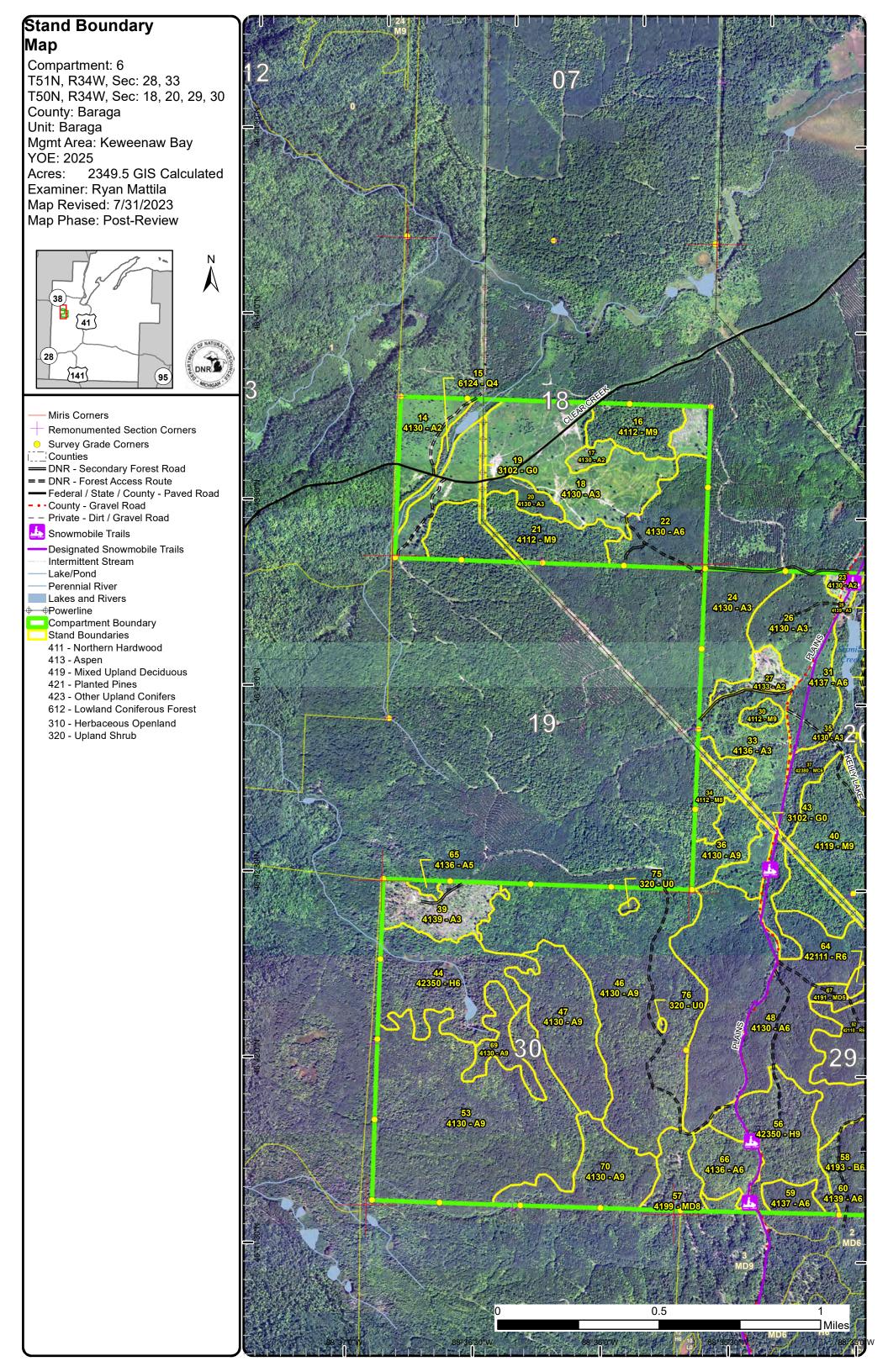


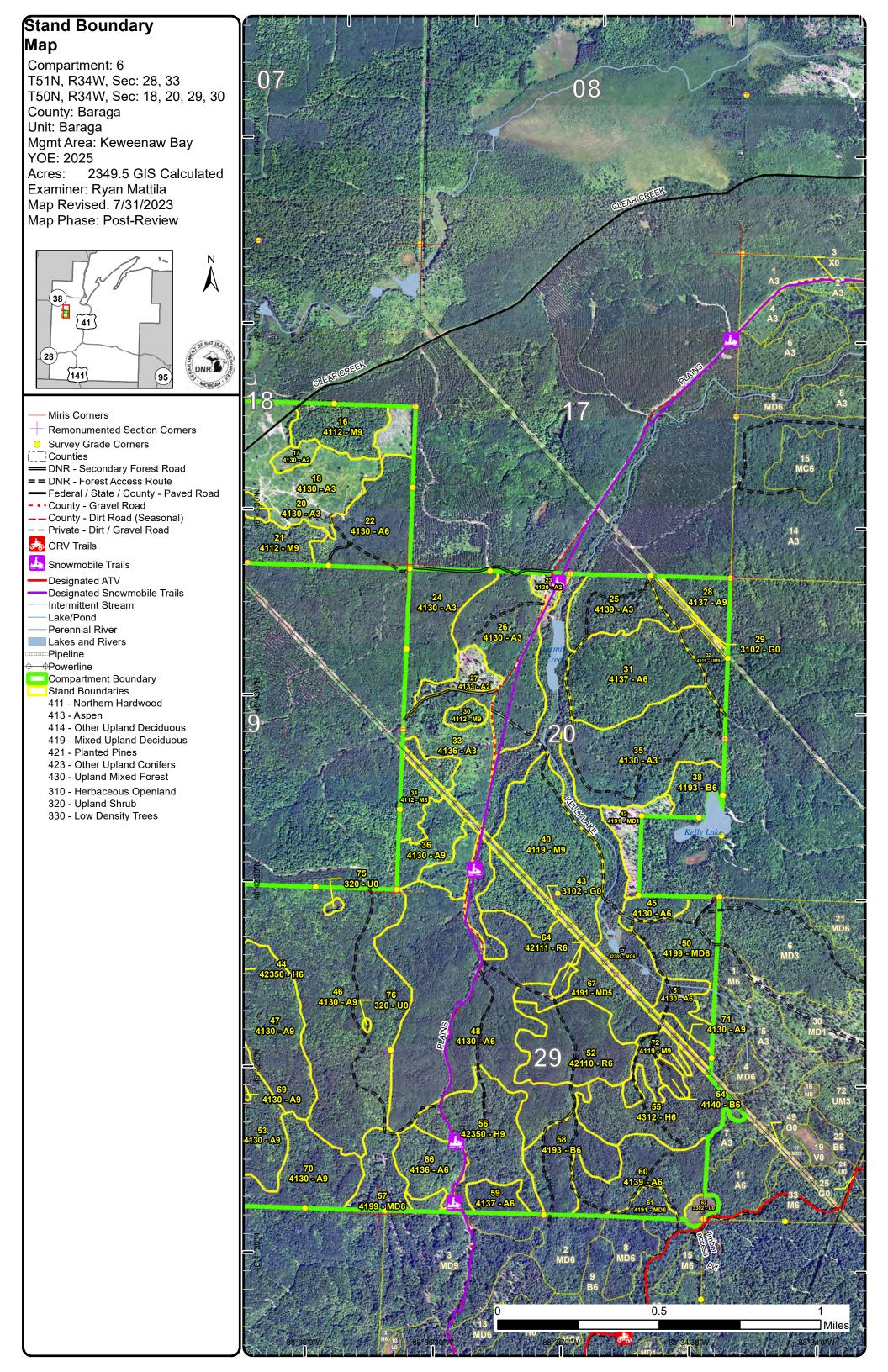


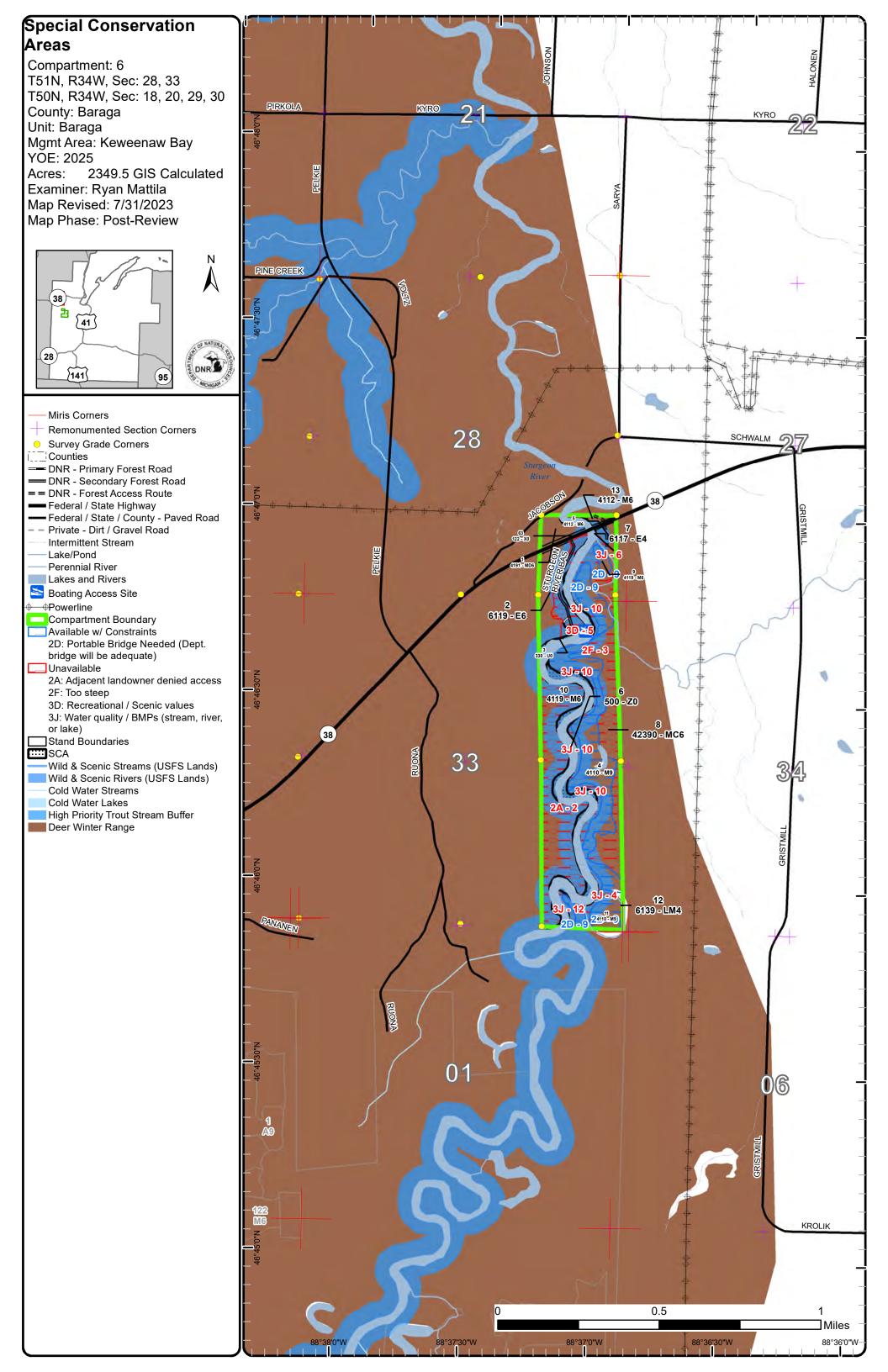


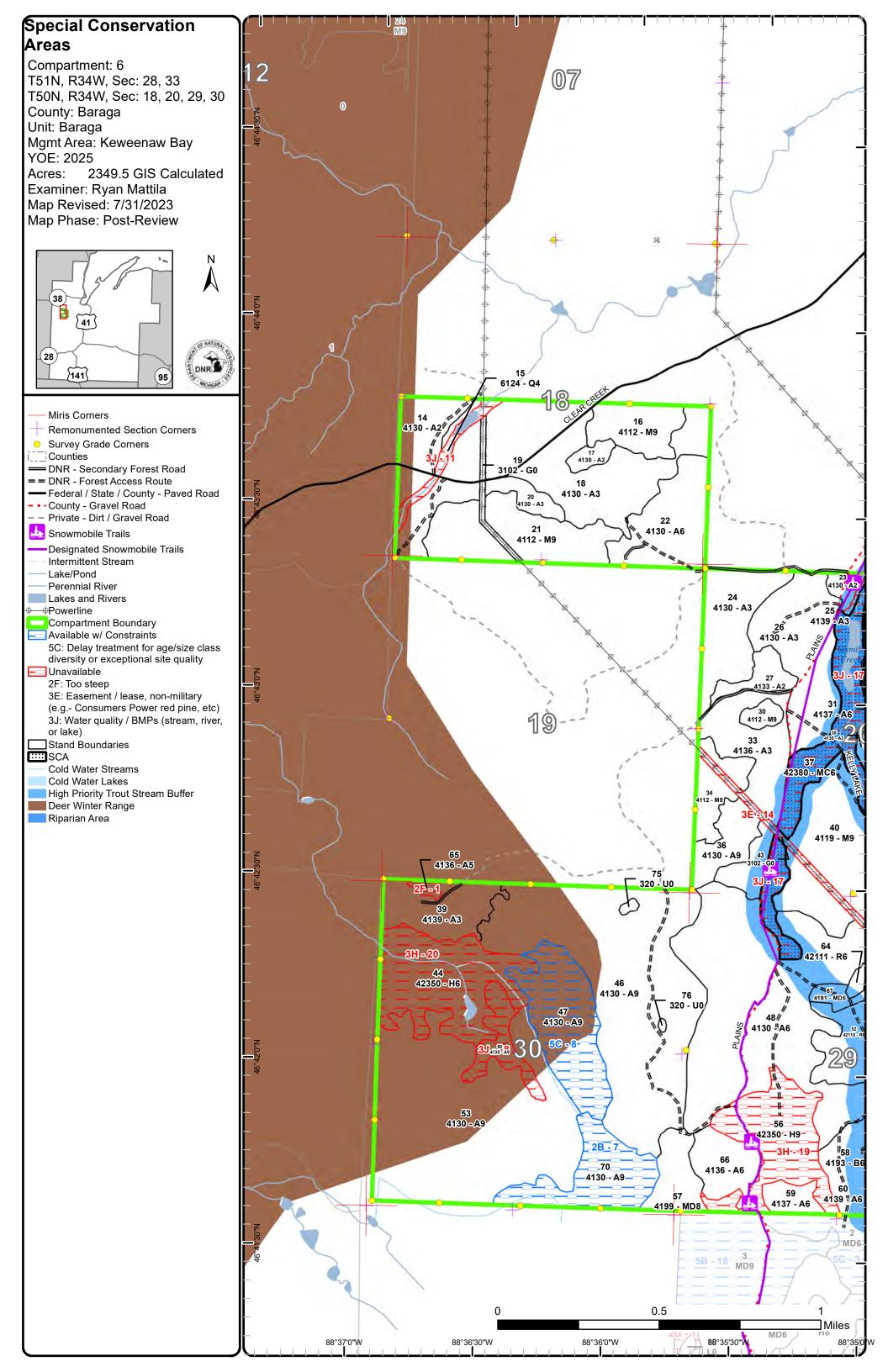


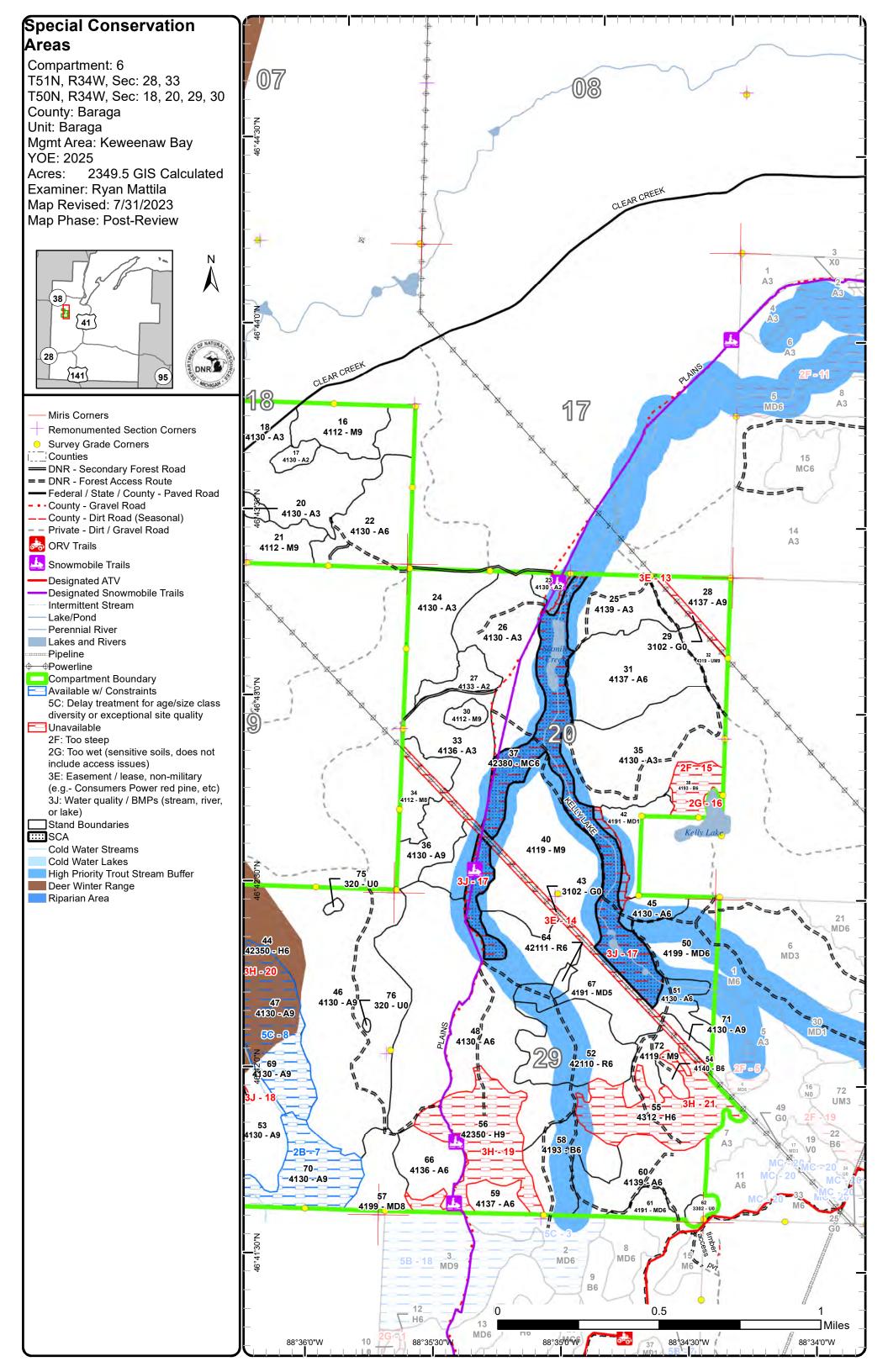








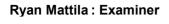




Compartment 6

Year of Entry 2025

Baraga Mgt. Unit





### Age Class

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Aspen	0	200	57	181	87	282	65	41	0	433	62	0	0	0	0	0	0	0	1407
Hemlock	0	0	0	0	0	0	0	0	0	0	0	56	0	0	0	0	0	122	178
Herbaceous Openland	26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26
Low-Density Trees	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13
Lowland Conifers	0	0	0	0	0	0	0	0	0	0	11	0	0	0	0	0	0	0	11
Lowland Deciduous	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	12	17
Lowland Mixed Forest	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	3
Mixed Upland Deciduous	0	15	0	0	0	29	0	0	0	0	8	0	0	0	0	0	0	61	111
Northern Hardwood	0	0	0	0	0	0	83	0	0	0	0	0	0	0	0	0	0	225	308
Paper Birch	0	0	0	0	0	34	4	0	15	0	0	0	0	0	0	0	0	0	53
Red Pine	0	0	0	0	0	50	0	0	0	0	0	0	0	0	0	0	0	0	50
Upland Conifers	0	0	0	0	0	0	96	0	0	0	0	0	29	0	0	0	0	0	125
Upland Mixed Forest	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0	0	12
Upland Shrub	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Urban	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Water	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32
Total	76	215	57	181	87	395	260	41	15	441	81	56	29	0	0	0	0	420	2351



## **Report 2 - Treatment Summary**

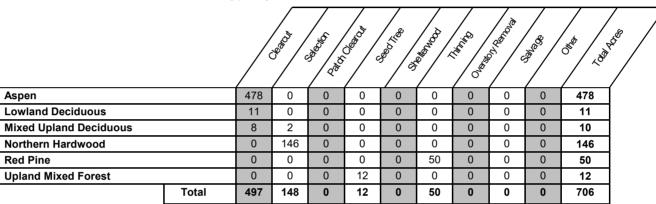
## Baraga Mgt. Unit Year of Entry: 2025

Acres of Harvest

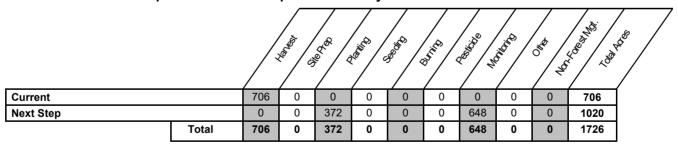
Compartment 6
Total Compartment Acres: 2,350

Commercial Harvest - 660 Harvests with Site Condition - 47 Next Step Harvest - 0 Habitat Cut - 0

## **Cover Type by Harvest Method**



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



S t а n

d

**Treatment** Name

Acres

Stand CoverType

with Conifer

Size Density Stand Age

BA Range **Treatment** Type

**Treatment** Method

**Cover Type** Objective

Age Structure Habitat Cut

Nο

#### **Approved Treatments:**

11006001-Cut 2.4 4191 - Mixed **Upland Deciduous**  Poletimber 111-Well 140

Harvest Single Tree Selection

411 - Northern Hardwood

Uneven-Aged

Specs:

Prescription Selectively thin hardwoods to a target of 70-90 square feet of basal area. Favor oak, and white pine, do not harvest hemlock, or cedar ware/if present. Oak should be released on 3 sides to an average BA of 60 soft. Where 30 soft or more of hemlock occurs thin to no less than 100 sqft of BA. Follow all guidelines set forth in "The Complete Marker". No chipping of tops is permitted and tops shall be left intact and possibly piled together to discourage deer browse.

Next Step

Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Any combination of the original stands over story species prior to harvest.

Regen:

**Other** Target 70 BA in areas to get more sunlight to the regen to allow it to get above the deer browse line guicker.

Comment:

Site Condition

Proposed Start Date: 10/1 /2024

11006002-Cut

6119 - Mixed 106 **Lowland Deciduous** 

100 Poletimber 111-Well

140

Harvest

Clearcut with Retention

6112 - Lowland Even-Aged Aspen

Nο

Forest

Prescription Harvest all species down to 4.6 inches DBH except hemlock, red pine, white pine, cedar and oak. Also reserve all trees 22" Dbh or greater. No chipping of tops is permitted and tops shall be left intact and possibly piled together to discourage deer browse. Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Any combination of the original stands over story species prior to harvest.

Regen:

**Other** Comment:

Site Condition

Proposed Start Date: 10/1 /2024

11006004-Cut

37.5 4110 - Sugar Maple Sawtimber Association

111-140

Harvest

Single Tree Selection

411 - Northern Hardwood

Uneven-Aged

No

Specs:

Prescription Selectively thin hardwoods to a target of 70-90 square feet of basal area. Favor oak, and white pine, do not harvest hemlock, or cedar ware/if present. Oak should be released on 3 sides to an average BA of 60 soft. Where 30 soft or more of hemlock occurs thin to no less than 100 sqft of BA. Follow all guidelines set forth in "The Complete Marker". No chipping of tops is permitted and tops shall be left intact and possibly piled together to discourage deer browse.

Next Step

Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Any combination of the original stands over story species prior to harvest.

Regen: **Other** 

Target 70 BA in areas to get more sunlight to the regen to allow it to get above the deer browse line quicker.

Comment:

Site Condition Portable Bridge Needed

Compartment: 6 Year of Entry: 2025

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a n d	Treatment Name	Acres	Stand CoverType	Size Stand Density Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
5	11006005-Cut	2.2	4112 - Maple,	Poletimber 87	111-	Harvest	Single Tree	411 - Northern	Uneven-	No
			Beech, Cherry	Well	140		Selection	Hardwood	Aged	

Specs:

Prescription Selectively thin hardwoods to a target of 70-90 square feet of basal area. Favor oak, and white pine, do not harvest hemlock, or cedar ware/if present. Oak should be released on 3 sides to an average BA of 60 sqft. Where 30 sqft or more of hemlock occurs thin to no less than 100 sqft of BA. Follow all guidelines set forth in "The Complete Marker". No chipping of tops is permitted and tops shall be left intact and possibly piled together to discourage deer browse.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Any combination of the original stands over story species prior to harvest.

Association

Regen:

Target 70 BA in areas to get more sunlight to the regen to allow it to get above the deer browse line guicker. Other

Comment:

Site Condition

Proposed Start Date: 10/1 /2024

11006009-Cut 1.9 4119 - Mixed Poletimber 87 111-Harvest Single Tree 411 - Northern Uneven-No Northern Hardwoods Well 140 Selection Hardwood Aged

Specs:

Prescription Selectively thin hardwoods to a target of 70-90 square feet of basal area. Favor oak, and white pine, do not harvest hemlock, or cedar ware/if present. Oak should be released on 3 sides to an average BA of 60 sqft. Where 30 sqft or more of hemlock occurs thin to no less than 100 sqft of BA. Follow all guidelines set forth in "The Complete Marker".

Next Step Monitoring, Natural Regen (Re-Inventory)

**Treatments:** 

Acceptable Any combination of the original stands over story species prior to harvest.

Regen:

Target 70 BA in areas to get more sunlight to the regen to allow it to get above the deer browse line quicker. Other 1 4 1

Comment:

Site Condition Portable Bridge Needed

Proposed Start Date: 10/1 /2024

411 - Northern 11006011-Cut 7.2 4110 - Sugar Maple Sawtimber Single Tree Uneven-Nο 111\_ Harvest Selection Association 140 Hardwood Aged

Specs:

Prescription Selectively thin hardwoods to a target of 70 -90 square feet of basal area. Favor oak, and white pine, do not harvest hemlock, or cedar ware/if present. Oak should be released on 3 sides to an average BA of 60 sqft. Where 30 sqft or more of hemlock occurs thin to no less than 100 sqft of BA. Follow all guidelines set forth in "The Complete Marker". No chipping of tops is permitted and tops shall be left intact and possibly piled together to discourage deer browse.

Monitoring, Natural Regen (Re-Inventory) Next Step

Treatments:

Acceptable Any combination of the original stands over story species prior to harvest.

Regen: Other

Target 70 BA in areas to get more sunlight to the regen to allow it to get above the deer browse line quicker.

Comment:

Site Condition Portable Bridge Needed

Other Comment:

Site Condition

Proposed Start Date: 10/1 /2024

31 11006031-Cut 61.6 4137 - Aspen, Birch Poletimber 50 Harvest Clearcut with 413 - Aspen Even-Aged No Well Retention

<u>Prescription</u> Harvest all species down to 4.6 inches DBH except hemlock, red pine, white pine, cedar and oak. Leave tree mark one 12"+ aspen tree per <u>Specs</u>: acre to be felled and left whole tree length to serve as a grouse drumming log.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Any combination of the original stands over story species prior to harvest.

Regen:

Other Comment:

Site Condition

s t	Baraç	ga Mgt. Unit	ا	Repoi	rt 3 <sup>-</sup>	Treatments		Compartmen Year of Entry		DNR DNR
a n Treatment d Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habita Cut
52 11006052-0	Cut 47.2	42110 - Planted Red Pine	Poletimbe Well	r 40	111- 140	Harvest	Systematic Thinning	4211 - Planted Red Pine	Even-Aged	No
Prescription Ma Specs:	rk to harvest	approximately 1/3 of	f the oversto	ory, do	a third rov	w removal were i	rows exist and terr	ain allows.		
Next Step Treatments:										
Acceptable Regen:										
Other Comment:										
Site Condition										
Proposed Start D	oate: 10/1 /2	024								
53 11006053-0	Cut 186.3	4130 - Aspen	Sawtimbe Well	r 80	141- 170	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	N
		ies down to 4.6 inch and left whole tree l					e, cedar and oak.	Leave tree mark o	ne 12"+ aspei	n tree pei
Next Step Pla Treatments:	nting, Other -	- Specify; Monitoring	g, Natural R	Regen (F	Re-Invent	ory)				
Acceptable Any Regen:	combinatior	n of the original stand	ds over stor	y speci	ies prior to	o harvest.				
Other Comment:										
Site Condition										
Proposed Start D	<u>ate:</u> 10/1 /2	2024								
61 11006061-0	<b>Cut</b> 8.0	4191 - Mixed Upland Deciduous with Conifer	Poletimbe Well	r 93	111- 140	Harvest	Clearcut with Retention	4190 - Mixed Upland Deciduous with Cedar	Even-Aged	No
Prescription Hai	vest all spec	ies down to 2 inches	DBH exce	pt red c	oak over 1	8" and hemlock.				
Next Step Treatments:										
<u>Acceptable</u>										

<u>Acceptable</u>

Regen:

<u>Other</u> Comment: Retention for this stand will be greater than 3% and will consist of reserve tree species. Stand will be put up with adjacent Compartment 7 in 2023. Snowmobile trail will possibly be affected by the harvest of this stand, see cutting specs. Old next step comments: Check for adequate regeneration within 5 years of harvest completion.

Site Condition

Baraga Mgt. Unit Report 3 -- Treatments Compartment: 6 S Year of Entry: 2025 t а **Treatment** Stand Size Stand BA **Treatment Treatment Cover Type** Acres Age Habitat n Method Objective Name CoverType Density Age Range Type Structure Cut d 64 11006064-Cut 2.8 42111 - Planted Poletimber 141-Harvest Systematic 4211 - Planted Even-Aged No Red Pine, Mixed Well 170 Thinning Red Pine Deciduous Prescription Mark to harvest approximately 1/3 of the overstory, do a third row removal were rows exist and terrain allows. Specs: Next Step Treatments: Acceptable Regen: **Other** Comment: Site Condition Proposed Start Date: 10/1 /2024 71 11006071-Cut 4.2 4130 - Aspen Sawtimber Unspec Harvest Clearcut with 413 - Aspen Even-Aged No Well ified Retention Prescription Harvest all species down to 4.6 inches DBH except hemlock, red pine, white pine, cedar and oak. Specs: Monitoring, Natural Regen (Re-Inventory) Next Step Treatments: Acceptable Any combination of the original stands over story species prior to harvest. Regen: Other Comment: Site Condition Proposed Start Date: 10/1 /2024 72 11006072-Cut 13.2 4119 - Mixed Sawtimber 89 111-411 - Northern No Harvest Single Tree Uneven-Northern Hardwoods Well 140 Selection Hardwood Aged Prescription Selectively thin hardwoods to a target of 70 square feet of basal area. Favor oak, and white pine, do not harvest hemlock, or cedar ware/if present. Oak should be released on 3 sides to an average BA of 60 sqft. Where 30 sqft or more of hemlock occurs thin to no less than 100 Specs: sqft of BA. Follow all guidelines set forth in "The Complete Marker". Monitoring, Natural Regen (Re-Inventory) Next Step **Treatments:** Acceptable Any combination of the original stands over story species prior to harvest. Regen: Other 1 4 1 The target of 70 BA is to get more sunlight to the regen to allow it to get above the deer brows line quicker.

Total Treatment 706.3 Acreage Proposed:

Proposed Start Date: 10/1 /2024

Comment:
Site Condition

Baraga Mgt. Unit

Compartment: 6 Year of Entry: 2025 Ryan Mattila : Examiner

Availa	ability for	Managemen	nt											
Total	Acres	Acres Avail	Acres		Domina	nt Site	Con	dition	s					
Acres	Available	With Condition	Not Available		2B	2D	5C	2A	2F	2G	3D	3E	3H	3J
1407	1285	101	20	Aspen	44		57		2			0	0	18
179	0	0	179	Hemlock									179	
26	5	0	21	Herbaceous Openland								21		0
13	4	0	9	Low-Density Trees							9			
11	2	0	9	Lowland Conifers										9
16	11	0	5	Lowland Deciduous							0			5
3	0	0	3	Lowland Mixed Forest										3
112	111	0	0	Mixed Upland Deciduous					0					0
308	207	47	54	Northern Hardwood		47		41						13
53	38	0	15	Paper Birch					14	1				
50	50	0	0	Red Pine										
125	0	0	124	Upland Conifers					29					95
12	12	0	0	Upland Mixed Forest										
2	2	0	0	Upland Shrub										
3	3	0	0	Urban							0			
31	31	0	0	Water				0			0			
2,350	1,763	148	439	Total Forested Acres	44	47	57	41	45	1	9	21	179	143
	75%	6%	19%	Relative Percent										

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

Site No.	Dominant Site Cond Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
1	Unavailable	2F: Too steep	2	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
2	Unavailable	2A: Adjacent landowner denied access	41	Unspecified	Unspecified	Unspecified	Unspecified
(	Comments:						

Baraga Mgt. Unit

Ryan Mattila: Examiner

3	Unavailable	2F: Too steep	29	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
4	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	3	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
5	Unavailable	3D: Recreational / Scenic values	9	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Access site and pa	arking area.					
6	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	5	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
7	Available	2B: Unknown if access through adjacent landowner(s) is possible	44	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
8	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	58	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						

Baraga Mgt. Unit Ryan Mattila : Examiner

9	Available	2D: Portable Bridge Needed (Dept. bridge will be adequate)	47	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
10	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	11	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
11	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	9	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
12	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	2	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
13	Unavailable	3E: Easement / lease, non- military (e.g Consumers Power red pine, etc)	4	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Powerline.						
14	Unavailable	3E: Easement / lease, non- military (e.g Consumers Power red pine, etc)	18	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: powerline						

Baraga Mgt. Unit

Ryan Mattila : Examiner

15	Unavailable	2F: Too steep	14	3J: Water quality / BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
	Comments:						
16	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	1	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Kelly Lake.						
17	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	96	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Buffer to 6 mile cre	ek.					
18	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	18	2F: Too steep	Unspecified	Unspecified	Unspecified
	Comments:						
19	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	56	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
20	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	72	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						

Compartment: 6

Baraga Mgt. Unit

	Ryan	Mattila : Examiner		Year of Entry: 2025					
21	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	51	Unspecified	Unspecified	Unspecified	Unspecified		
(	Comments:								

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Compartment: 006 Year of Entry: 2025



# 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	
Six Mile Creek	Habitat Area		SCA	91	
Comments					
Six Mile Creek Ripariar	n corridor				
Six Mile Creek	Spring Wetlands Riparian Area	Riparian Area	SCA	91	
Comments					
Six Mile Creek Ripariar	n corridor				
Sturgeon River	Habitat Area	Other Habitat Area	SCA	30	
Comments					
Comments					

Baraga Mgt. Unit Compartment: 6
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 conditions stocked trout populations and those of other coldwater fish specific 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	ies to persist from year to year. Suitable ey 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 specified 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.	ies (e.g., slimy sculpin) to persist from ese conditions due to substantial
SCA	Habitat Area	An area that provide some specific need for the life cycle of wildle and Waterfowl Production Areas, deer wintering complexes in lo openings and savannas. Habitat areas are distinct from critical hendangered or threatened species (such as Kirtland's warbler or general in nature, are not primarily associated with threatened or covered by species recovery plans that are developed in cooperations.	wland conifer communities, grassland abitat designated for recovery of piping plover areas) in that they are more rendangered species, and are not
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 communities are ecologically and socially significant in their effe as aesthetics, habitat, bank stability, timber production, and their	e unique conditions adjacent to lakes, diversity 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 agreemer for the management of Wild and Scenic Rivers that are upon Sta Federal designated Wild and Scenic Rivers that are located with	ver specific Federal management plan, nts with the administering Federal agency ate-owned lands. There are 18 miles of



Stand	d Level 4 Co	over Type		Size De	nsity	Acres	Stand Age E	BA Range	Managed S	ite	General Comments	MICHIGAN
1	4191 - Mixed Upla Co	and Decidu nifer	ous with	Poletimbe	er Well	4.8	87	111-140	N/A			
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size		
	Basswood	5	Log	12		H	emlock	Low	>20 feet	Pole		
	Quaking Aspen	5	Pole	6		Blac	ck Cherry	Low	>20 feet	Sapling		
	Red Maple	15	Pole	8		Whit	te Spruce	Medium	Variable	Sapling		
	White Spruce	10	Pole	7		Мар	ole (spp.)	Full	Variable	Sapling		
No	orthern White Cedar	10	Pole	8		Ва	lsam Fir	Full	Variable	Sapling		
	Hemlock	10	Log	14		Northern	White Cedar	Low	>20 feet	Pole		
	Sugar Maple	30	Log	12	87	Ame	rican Elm	Low	>20 feet	Sapling		
	Black Ash	5	Log	12								
	Balsam Fir	10	Pole	6								
2	6119 - Mixed Lowla	ınd Decidu	ous Forest	Poletimbe	er Well	11.5	100	111-140	N/A			
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size		
	White Spruce	3	Pole	7		Re	d Maple	Full	Variable	Sapling		
	Black Ash	40	Pole	8	100	Ва	lsam Fir	Full	Variable	Sapling		
	Black Cherry	2	Pole	8		Whit	te Spruce	Full	Variable	Sapling		
	Sugar Maple	5	Pole	7		Bla	ack Ash	Full	Variable	Sapling		
	American Elm	35	Pole	8		Ame	rican Elm	Full	Variable	Sapling		
	Quaking Aspen	5	Pole	8								
	Red Maple	10	Pole	7								
3	330 - Low-[	Density Tre	ees	Nonsto	cked	8.6			Managed Op	pening	Sparse trees ash and elm, parking area along river	
4	4110 - Sugar M	-		Sawtimbe		48.2	87	111-140	N/A		2013:Stand was last cut in 2008	
	Canopy Species	% Cover	Size Class		Age	Sub-Ca	nopy Species	Density	Avg. Height	Size		
	Basswood	5	Log	14		Northern	White Cedar	Low	Variable	Pole		
	Hemlock	5	Log	16		Map	ole (spp.)	Full	Variable	Sapling		
	American Elm	2	Pole	6		Ва	Isam Fir	Medium	>20 feet	Sapling		
	Sugar Maple	75	Log	12	87	Whit	te Spruce	Low	10 - 20 feet	Sapling		
	Yellow Birch	3	Log	10								
	White Spruce	5	Log	12								
No	orthern White Cedar	5	Pole	10								



		Cover Type		Size Density		Acres	Stand Age B	nd Age BA Range		e Managed Site	General Comments
5	4112 - Maple, Beec	h, Cherry A	ssociation F	Poletimb	er Well	2.4	87	111-140	N/A		2013:Stand was last cut in 2008
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Yellow Birch	5	Log	12		Ва	lsam Fir	Low	>20 feet	Sapling	
	Basswood	5	Log	12		Northerr	White Cedar	Low	>20 feet	Pole	
	Red Maple	15	Log	12		Ma	ple (spp.)	Full	Variable	Sapling	
No	orthern White Cedar	5	Pole/Log	10						-	1
	Sugar Maple	70	Log	14	87						
6	500 -	Water		Nonsto	ocked	31.5			No		Sturgeon River
7	6117 - Lowland Coni	Deciduous, ferous	Mixed F	Poletimb	er Poor	4.6	87	1-50	N/A		Flood area
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	White Spruce	15	Pole	6		Ta	ag Alder	Full	10 - 20 feet	Tall Shrub	
	Balsam Fir	20	Pole	6				,			-
	American Elm	35	Pole	7	87						
	Sugar Maple	30	Sapling/Pole	4							
c	10000 Mixed Nen										
8			d Conifers F			29.1	112	141-170	N/A		steep slope
ð	Canopy Species	% Cover	Size Class	DBH	er Well	29.1	112	141-170	N/A		steep slope
đ	Canopy Species White Spruce	% Cover	Size Class Log	<b>DB</b> H		29.1	112	141-170	N/A		steep slope
ð	Canopy Species White Spruce White Pine	% Cover 7 2	Size Class Log XLog	<b>DBH</b> 14 20	I Age	29.1	112	141-170	N/A		steep slope
ð	Canopy Species White Spruce White Pine Hemlock	% Cover 7 2 38	Size Class  Log  XLog  Log	14 20 16		29.1	112	141-170	N/A		steep slope
ð	Canopy Species White Spruce White Pine	% Cover 7 2 38 15	Size Class Log XLog	<b>DBH</b> 14 20	I Age	29.1	112	141-170	N/A		steep slope
<b>δ</b>	Canopy Species White Spruce White Pine Hemlock Sugar Maple American Elm	% Cover 7 2 38	Log Log Log Pole Pole	DBH 14 20 16 8	I Age	29.1	112	141-170	N/A		steep slope
ð	Canopy Species White Spruce White Pine Hemlock Sugar Maple American Elm Yellow Birch	% Cover 7 2 38 15 2	Log XLog Log Pole Pole Pole/Log	DBH 14 20 16 8 7	I Age	29.1	112	141-170	N/A		steep slope
	Canopy Species White Spruce White Pine Hemlock Sugar Maple American Elm	% Cover 7 2 38 15 2 3	Log Log Log Pole Pole	DBH 14 20 16 8 7	I Age	29.1	112	141-170	N/A		steep slope
	Canopy Species White Spruce White Pine Hemlock Sugar Maple American Elm Yellow Birch Quaking Aspen	% Cover 7 2 38 15 2 3 3 3 3	Log XLog Log Pole Pole Pole Log Log	DBH 14 20 16 8 7 10	1 Age			141-170	N/A		steep slope  2013:Stand was last cut in 2008
No	Canopy Species White Spruce White Pine Hemlock Sugar Maple American Elm Yellow Birch Quaking Aspen orthern White Cedar	% Cover 7 2 38 15 2 3 3 3 30 orthern Hard	Log XLog Log Pole Pole Pole Log Log	DBH	1 Age	1.9				Size	
No	Canopy Species White Spruce White Pine Hemlock Sugar Maple American Elm Yellow Birch Quaking Aspen orthern White Cedar	% Cover 7 2 38 15 2 3 3 3 30 orthern Hard	Log XLog Log Pole Pole Pole/Log Log Log Log Adwoods F	DBH	112	1.9 <b>Sub-Ca</b>	87	111-140	N/A	Size Pole	
No. 9	Canopy Species White Spruce White Pine Hemlock Sugar Maple American Elm Yellow Birch Quaking Aspen orthern White Cedar  4119 - Mixed No	% Cover	Log XLog Log Pole Pole Pole/Log Log Log Size Class	DBH	112	1.9 <b>Sub-Ca</b> Northerr	87 nopy Species	111-140 <b>Density</b>	N/A Avg. Height		
No. 9	Canopy Species White Spruce White Pine Hemlock Sugar Maple American Elm Yellow Birch Quaking Aspen orthern White Cedar 4119 - Mixed No Canopy Species Balsam Fir	% Cover 7 2 38 15 2 3 3 3 30 orthern Hard % Cover 3	Log XLog Log Pole Pole Pole/Log Log Log Size Class Pole	DBH	112	1.9 Sub-Ca Northerr	87 nopy Species	111-140  Density  Low	N/A Avg. Height >20 feet	Pole	
No. 9	Canopy Species White Spruce White Pine Hemlock Sugar Maple American Elm Yellow Birch Quaking Aspen orthern White Cedar  4119 - Mixed No Canopy Species Balsam Fir	% Cover 7 2 38 15 2 3 3 30 orthern Hard % Cover 3 2	Size Class  Log  XLog  Log  Pole  Pole  Pole/Log  Log  Log  Size Class  Pole  Pole	DBH	112	Sub-Ca Northerr BI Black	87 nopy Species n White Cedar ack Ash	111-140  Density  Low  High	N/A  Avg. Height >20 feet >20 feet	Pole Pole	
No. 9	Canopy Species White Spruce White Pine Hemlock Sugar Maple American Elm Yellow Birch Quaking Aspen orthern White Cedar  4119 - Mixed No Canopy Species Balsam Fir orthern White Cedar Black Ash	% Cover	Log XLog Log Pole Pole Pole/Log Log Log Size Class Pole Pole Pole Pole Pole Pole	DBH	112	1.9 Sub-Ca Northerr BI Blae	87 nopy Species n White Cedar ack Ash ck Cherry	111-140  Density  Low  High  Low	N/A  Avg. Height >20 feet >20 feet >20 feet	Pole Pole Sapling	



Stand	d Level 4 Ce	over Type	Size Density		Acres S	Stand Age B		Managed S		General Comments	MICHIGAN	
10	4119 - Mixed No	orthern Hard	dwoods [	Poletimb	er Well	41.1	108	141-170	N/A		Timber access issues, wet drains it river, RMZ	
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Can	opy Species	Density	Avg. Height	Size		
	Paper Birch	2	Pole	6		Black	Cherry	Medium	>20 feet	Sapling		
	Basswood	10	Log	12		Northern \	White Cedar	High	>20 feet	Pole		
	White Ash	15	Log	10		Maple	e (spp.)	Full	Variable	Sapling		
	Quaking Aspen	3	Log	10		Ameri	ican Elm	Medium	Variable	Pole		
	Yellow Birch	5	Pole	7		Bals	am Fir	High	>20 feet	Sapling		
	American Elm	15	Pole/Log	9		White	Spruce	High	>20 feet	Pole		
	White Spruce	5	Pole/Log	10							1	
	Red Maple	10	Pole	7								
No	orthern White Cedar	10	Pole	7								
	Sugar Maple	20	Pole/Log	8	108							
	Balsam Fir	5	Pole	7								
11	4110 - Sugar M	/laple Assoc	ciation	Sawtimb	er Well	9.2	87	111-140	N/A		2013:Stand was last cut in 2008	
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Can	opy Species	Density	Avg. Height	Size		
	) / II - Di I							1	E 10 foot	0 1!		
	Yellow Birch	5	Pole	8		White	Spruce	Low	5 - 10 feet	Sapling		
	Yellow Birch Sugar Maple	95	Pole Log	14	87		r Maple	Medium	Variable	Pole		
					87	Suga						
12	Sugar Maple 6139 - Mixed	95 Lowland Fo	Log prest F	14 Poletimb	er Poor	Suga Iror 2.8	nwood 87	Medium Low	Variable 10 - 20 feet N/A	Pole Sapling	flood area	
12	Sugar Maple 6139 - Mixed Canopy Species	95  Lowland Fo	Log  prest F	14 Poletimb	er Poor	Suga Iror 2.8 Sub-Can	n Maple nwood 87 opy Species	Medium Low 1-50 Density	Variable 10 - 20 feet N/A Avg. Height	Pole Sapling		
12	Sugar Maple 6139 - Mixed Canopy Species Balsam Fir	95  Lowland Formula Cover 55	Log  prest F  Size Class  Pole	14 Poletimb DBH	er Poor	Suga Iror 2.8 Sub-Can	nwood 87	Medium Low	Variable 10 - 20 feet N/A	Pole Sapling		
12	Sugar Maple 6139 - Mixed Canopy Species	95  Lowland Fo	Log  prest F	14 Poletimb	er Poor	Suga Iror 2.8 Sub-Can	n Maple nwood 87 opy Species	Medium Low 1-50 Density	Variable 10 - 20 feet N/A Avg. Height	Pole Sapling		
12	Sugar Maple  6139 - Mixed  Canopy Species  Balsam Fir  American Elm	Lowland For S5 45	Log  prest F  Size Class Pole Pole	DBH 5 5	er Poor  Age 87  Der Well	Suga Iror 2.8 Sub-Can	ar Maple nwood 87 opy Species g Alder	Medium Low 1-50 Density	Variable 10 - 20 feet N/A Avg. Height	Pole Sapling		
13	Sugar Maple  6139 - Mixed  Canopy Species  Balsam Fir  American Elm  4112 - Maple, Beec  Canopy Species	Lowland For S5 45	Log  Drest F  Size Class  Pole Pole	DBH 5 5 Deletimb	er Poor I Age 87	Suga Iror 2.8 Sub-Cane Tag	ar Maple nwood 87 opy Species g Alder	1-50  Density  Full	Variable 10 - 20 feet N/A Avg. Height 10 - 20 feet	Pole Sapling		
13	Sugar Maple  6139 - Mixed  Canopy Species  Balsam Fir  American Elm  4112 - Maple, Beec	Lowland For S5 45	Log  prest F  Size Class Pole Pole	DBH 5 5	er Poor  Age 87  Der Well	Suga Iror 2.8 Sub-Cane Tag 1.4 Sub-Cane	87 opy Species J Alder	1-50 Density Full	Variable 10 - 20 feet  N/A  Avg. Height 10 - 20 feet  N/A	Size Size Sapling		
13	Sugar Maple  6139 - Mixed  Canopy Species  Balsam Fir  American Elm  4112 - Maple, Beec  Canopy Species	95  Lowland For 55 45  ch, Cherry A	Log  prest F  Size Class  Pole  Pole  Association F  Size Class	14   Poletimb   5   5     5	er Poor  Age 87  Der Well	Suga Iror 2.8 Sub-Cane Tag 1.4 Sub-Cane Maple	87 opy Species Alder 87 opy Species	1-50 Density Full 111-140 Density	Variable 10 - 20 feet  N/A  Avg. Height 10 - 20 feet  N/A  Avg. Height	Pole Sapling Size Tall Shrub		
13	Sugar Maple  6139 - Mixed  Canopy Species  Balsam Fir  American Elm  4112 - Maple, Beec  Canopy Species  orthern White Cedar	Lowland For S5 45 Sh, Cherry A Cover 5	Log  Drest F  Size Class Pole Pole  Association F  Size Class Pole/Log	14   Poletimb	er Poor  Age 87  Der Well	Suga Iror 2.8 Sub-Cand Tag 1.4 Sub-Cand Maple Bals	sr Maple nwood  87 opy Species g Alder  87 opy Species e (spp.)	1-50 Density Full  111-140 Density Full	Variable 10 - 20 feet  N/A  Avg. Height 10 - 20 feet  N/A  Avg. Height Variable	Size Size Sapling		
13	Sugar Maple  6139 - Mixed  Canopy Species  Balsam Fir  American Elm  4112 - Maple, Beec  Canopy Species  orthern White Cedar  Basswood	95  Lowland Fo  **Cover* 55 45  ch, Cherry A  **Cover* 5 5 5	Log  Drest F  Size Class Pole Pole  Association F  Size Class Pole/Log Log	14   Poletimb   5   5     5	er Poor  I Age 87  Der Well	Suga Iror 2.8 Sub-Cand Tag 1.4 Sub-Cand Maple Bals	ar Maple nwood  87 opy Species g Alder  87 opy Species e (spp.) sam Fir	1-50 Density Full  111-140 Density Full Low	Variable 10 - 20 feet  N/A  Avg. Height 10 - 20 feet  N/A  Avg. Height Variable >20 feet	Size Sapling Size Sapling Sapling		
13	Sugar Maple  6139 - Mixed  Canopy Species  Balsam Fir  American Elm  4112 - Maple, Beec  Canopy Species  orthern White Cedar  Basswood  Yellow Birch	95  Lowland For 55 45  ch, Cherry A  Cover 5 5 5 5 5	Log  Drest F  Size Class Pole Pole  Association F  Size Class Pole/Log Log Log Log	14   Poletimb	er Poor  I Age 87  Der Well	Suga Iror 2.8 Sub-Cand Tag 1.4 Sub-Cand Maple Bals	ar Maple nwood  87 opy Species g Alder  87 opy Species e (spp.) sam Fir	1-50 Density Full  111-140 Density Full Low	Variable 10 - 20 feet  N/A  Avg. Height 10 - 20 feet  N/A  Avg. Height Variable >20 feet	Size Sapling Size Sapling Sapling		
13	Sugar Maple  6139 - Mixed  Canopy Species  Balsam Fir  American Elm  4112 - Maple, Beec  Canopy Species  orthern White Cedar  Basswood  Yellow Birch  Red Maple  Sugar Maple	95  Lowland Fo  **Cover*  55  45  **Ch, Cherry A  **Cover*  5  5  15	Log  Porest F  Size Class Pole Pole  Association F  Size Class Pole/Log Log Log Log Log Log Log	14   Poletimb	er Poor I Age 87 er Well I Age 87	Suga Iror  2.8  Sub-Cane Tag  1.4  Sub-Cane Maple Bals Northern	sy Alder  87  opy Species  J Alder  87  opy Species  e (spp.)  sam Fir  White Cedar	1-50 Density Full  111-140 Density Full Low	Variable 10 - 20 feet  N/A  Avg. Height 10 - 20 feet  N/A  Avg. Height Variable >20 feet	Size Sapling Size Sapling Sapling		
13	Sugar Maple  6139 - Mixed  Canopy Species  Balsam Fir  American Elm  4112 - Maple, Beec  Canopy Species  orthern White Cedar  Basswood  Yellow Birch  Red Maple  Sugar Maple	95  Lowland For S5 45  ch, Cherry A  Cover 5 5 5 5 70  - Aspen	Log  Porest F  Size Class Pole Pole  Association F  Size Class Pole/Log Log Log Log Log Log Log	14   Poletimb	er Poor I Age 87 er Well I Age 87	Suga Iror  2.8  Sub-Cane Tag  1.4  Sub-Cane Maple Bals Northern	sy Alder  87  opy Species  J Alder  87  opy Species  e (spp.)  sam Fir  White Cedar	1-50 Density Full  111-140 Density Full Low Low	Variable 10 - 20 feet  N/A  Avg. Height 10 - 20 feet  N/A  Avg. Height Variable >20 feet >20 feet	Size Sapling Size Sapling Sapling		
13	Sugar Maple  6139 - Mixed  Canopy Species  Balsam Fir  American Elm  4112 - Maple, Beec  Canopy Species  orthern White Cedar  Basswood  Yellow Birch  Red Maple  Sugar Maple	95  Lowland For S5 45  ch, Cherry A  Cover 5 5 5 5 70  - Aspen	Log  Drest F  Size Class  Pole  Association F  Size Class  Pole/Log  Log  Log  Log  Log  Log	14   Poletimb	er Poor I Age 87  er Well I Age 87  Medium	Suga Iror  2.8  Sub-Cane Tag  1.4  Sub-Cane Maple Bals Northern	sy Alder  87  opy Species  J Alder  87  opy Species  e (spp.)  sam Fir  White Cedar	1-50 Density Full  111-140 Density Full Low Low	Variable 10 - 20 feet  N/A  Avg. Height 10 - 20 feet  N/A  Avg. Height Variable >20 feet >20 feet	Size Sapling Size Sapling Sapling		
13	Sugar Maple  6139 - Mixed  Canopy Species  Balsam Fir  American Elm  4112 - Maple, Beec  Canopy Species  orthern White Cedar  Basswood  Yellow Birch  Red Maple  Sugar Maple  4130  Canopy Species	95  Lowland For \$55	Log  Pole Pole Association Size Class Pole/Log Log Log Log Log Size Class	Poletimb  DBH  5  5  Poletimb  10  12  12  14  Sapling I	er Poor I Age 87  er Well I Age 87  Medium	Suga Iror  2.8  Sub-Cane Tag  1.4  Sub-Cane Maple Bals Northern	sy Alder  87  opy Species  J Alder  87  opy Species  e (spp.)  sam Fir  White Cedar	1-50 Density Full  111-140 Density Full Low Low	Variable 10 - 20 feet  N/A  Avg. Height 10 - 20 feet  N/A  Avg. Height Variable >20 feet >20 feet	Size Sapling Size Sapling Sapling		
13	Sugar Maple  6139 - Mixed  Canopy Species Balsam Fir American Elm  4112 - Maple, Beec Canopy Species orthern White Cedar Basswood Yellow Birch Red Maple Sugar Maple  4130  Canopy Species Paper Birch	95  Lowland For State    **Cover    55	Log  Pole Pole Association Size Class Pole/Log Log Log Log Log Size Class Sapling	14   Poletimb   5   5     5	er Poor I Age 87  er Well I Age 87  Medium	Suga Iror  2.8  Sub-Cane Tag  1.4  Sub-Cane Maple Bals Northern	sy Alder  87  opy Species  J Alder  87  opy Species  e (spp.)  sam Fir  White Cedar	1-50 Density Full  111-140 Density Full Low Low	Variable 10 - 20 feet  N/A  Avg. Height 10 - 20 feet  N/A  Avg. Height Variable >20 feet >20 feet	Size Sapling Size Sapling Sapling		
13	Sugar Maple  6139 - Mixed  Canopy Species  Balsam Fir  American Elm  4112 - Maple, Beec  Canopy Species  orthern White Cedar  Basswood  Yellow Birch  Red Maple  Sugar Maple  4130  Canopy Species  Paper Birch  Red Maple	95  Lowland For State    Cover	Log  Porest  Size Class  Pole  Pole  Association  Size Class  Pole/Log  Log  Log  Log  Size Class  Sapling  Sapling	14   Poletimb	er Poor I Age 87 Per Well I Age 87	Suga Iror  2.8  Sub-Cane Tag  1.4  Sub-Cane Maple Bals Northern	sy Alder  87  opy Species  J Alder  87  opy Species  e (spp.)  sam Fir  White Cedar	1-50 Density Full  111-140 Density Full Low Low	Variable 10 - 20 feet  N/A  Avg. Height 10 - 20 feet  N/A  Avg. Height Variable >20 feet >20 feet	Size Sapling Size Sapling Sapling		
13	Sugar Maple  6139 - Mixed  Canopy Species  Balsam Fir  American Elm  4112 - Maple, Beec  Canopy Species  orthern White Cedar  Basswood  Yellow Birch  Red Maple  Sugar Maple  4130  Canopy Species  Paper Birch  Red Maple  Quaking Aspen	95  Lowland For Storm    Cover    55    45    Ch, Cherry A    Cover    5    15    70    - Aspen    Cover    5    3    77	Log  Porest  Size Class  Pole  Pole  Association  Size Class  Pole/Log  Log  Log  Log  Size Class  Sapling  Sapling  Sapling  Sapling	14   Poletimb   DBH	er Poor I Age 87 Per Well I Age 87	Suga Iror  2.8  Sub-Cane Tag  1.4  Sub-Cane Maple Bals Northern	sy Alder  87  opy Species  J Alder  87  opy Species  e (spp.)  sam Fir  White Cedar	1-50 Density Full  111-140 Density Full Low Low	Variable 10 - 20 feet  N/A  Avg. Height 10 - 20 feet  N/A  Avg. Height Variable >20 feet >20 feet	Size Sapling Size Sapling Sapling		



Stand	Level 4 Cover Type Size Dens		nsity	Acres	Stand Age B	A Range	Managed S	Site	General Comments		
15	6124 - Lowla	and Spruce	-Fir P	oletimb	er Poor	11.1	96		N/A		
	Canopy Species	% Cover	Size Class	DBH	Age						
	Red Maple	20	Pole	7							
	White Spruce	69	Pole	7	96						
	White Pine	3	Pole	8							
	Black Ash	3	Pole	6							
No	rthern White Cedar	3	Pole	6							
	American Elm	2	Sapling/Pole	4							
16	4112 - Maple, Beec	h, Cherry A	ssociation S	Sawtimb	er Well	25.3	76	81-110	N/A		West 1/2 of stand was cut in 1997.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Paper Birch	5	Pole/Log	9		Blad	ck Cherry	High	10 - 20 feet	Sapling	
	Quaking Aspen	2	Log	12		Iro	onwood	Full	10 - 20 feet	Sapling	
	White Spruce	2	Log	14		Pa	oer Birch	Low	Variable	Pole	
	Sugar Maple	75	Log/Pole	10	76	Sug	jar Maple	Full	Variable	Sapling	
	Red Maple	10	Pole	8		Whi	te Spruce	Low	10 - 20 feet	Sapling	
	Black Cherry	2	Log	12				,			•
	Red Oak	2	Log	16							
	White Pine	2	XLog	18							
17	4130	- Aspen	S	Sapling I	Лedium	5.7	10	1-50	N/A		
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Quaking Aspen	79	Sapling	1	10	Ta	ag Alder	Medium	5 - 10 feet	Tall Shrub	
	Apple (spp.)	3	Pole	6							
	White Pine	3	Sapling/Pole	4							
	Paper Birch	10	Sapling	1							
	White Spruce	5	Sapling	1							
18	4130	- Aspen		Sapling	Well	121.5	9	Immature	N/A		Spruce budworm is present, choppers choice in the 70-80's.
	Canopy Species	% Cover	Size Class	DBH	Age						
	Red Maple	5	Sapling	1	9						
	Quaking Aspen	83	Sapling	1	9						
	White Pine	2	Log/Pole/XLog	g 12							
	Red Pine	1	Log/Pole/XLog	g 12							
	Paper Birch	5	Sapling	1							
	White Spruce	1	Sapling	1							
	Black Cherry	2	Sapling	1							
	Hemlock	1	Log/Pole	9							
19	3102	- Grass		Nonsto	cked	5.1			No		power line



Canopy Species% CoverSize ClassDBH AgeSub-Canopy SpeciesDensityAvg. HeightSizeQuaking Aspen84Sapling426White Spruce2Sapling2Black Cherry3Sapling3White Pine2Sapling2Red Maple7Sapling3	
Quaking Aspen84Sapling426Balsam FirMedium5 - 10 feetSaplingWhite Spruce2Sapling2Black Cherry3Sapling3White Pine2Sapling2	
White Spruce 2 Sapling 2 Black Cherry 3 Sapling 3 White Pine 2 Sapling 2	
Black Cherry 3 Sapling 3 White Pine 2 Sapling 2	
White Pine 2 Sapling 2	
Red Maple 7 Sapling 3	
Hemlock 2 Pole 6	
21 4112 - Maple, Beech, Cherry Association Sawtimber Well 56.6 76 81-110 N/A cut in 1997	
Canopy Species % Cover Size Class DBH Age Sub-Canopy Species Density Avg. Height Size	
Sugar Maple 75 Log/Pole 10 76 Ironwood Full 10 - 20 feet Sapling	
Red Maple 10 Pole/Log 9 Hemlock Low Variable Sapling	
White Pine 2 XLog/Log 18 Balsam Fir Low Variable Sapling	
Hemlock 5 Log 14 White Spruce Low Variable Sapling	
White Spruce 1 Log 11 Sugar Maple Full Variable Sapling	
Yellow Birch 5 Pole/Log 9	
Paper Birch 2 Pole/Log 8	
22 4130 - Aspen Poletimber Well 45.3 34 Immature N/A final harvest in 1989	
Canopy Species % Cover Size Class DBH Age Sub-Canopy Species Density Avg. Height Size	
White Spruce 5 Sapling/Pole 4 Balsam Fir Medium Variable Sapling	
Black Cherry 3 Sapling/Pole 3 White Spruce Medium Variable Sapling	
Balsam Fir 3 Pole/Sapling 6	
Red Maple 5 Pole 5	
Paper Birch 10 Sapling/Pole 3	
Quaking Aspen 74 Pole/Sapling 5 34	
23 4130 - Aspen Sapling Medium 5.7 8 Immature N/A cut in spring 2016.	
Canopy Species % Cover Size Class DBH Age Sub-Canopy Species Density Avg. Height Size	
Red Oak 3 Sapling 1 Red Pine Low 10 - 20 feet Sapling	
Paper Birch 5 Sapling 1	
Red Pine 3 Log/Pole/XLog 17	
Red Oak 9 Log 14	
White Pine 2 Log/Pole/XLog 14	
Quaking Aspen 73 Sapling 1 8	
Red Maple 5 Sapling 1	



Stand	d Level 4 C	Level 4 Cover Type		Size Density		Acres	Stand Age	ge BA Range	Managed Site		General Comments	MICHIGAN S
24	4130	- Aspen		Saplin	g Well	42.1	36		N/A	final harvest in 1987		
	Canopy Species	% Cover	Size Class	DBH	l Age							
	Paper Birch	10	Sapling	3	36							
	Quaking Aspen	65	Sapling/Pole	e 4	36							
	White Spruce	3	Sapling	2	36							
	Red Maple	10	Sapling	3	36							
	Black Cherry	2	Sapling	2	36							
	Red Oak	2	Sapling	1	36							
	Balsam Fir	5	Sapling	2	36							
	White Pine	3	Sapling	3	36							
25	4139 - Aspen,	Mixed Deci	duous	Saplin	g Well	31.3	28	Immature	N/A	final harvest in 1995,		
	Canopy Species	% Cover	Size Class	DBH	l Age							
	Red Maple	10	Sapling	2	28							
	White Pine	3	XLog	20	100							
	Red Oak	5	Sapling	2	28							
	Red Pine	2	Sapling	2								
	Balsam Fir	2	Sapling	2	28							
	Quaking Aspen	45	Sapling	4	28							
	White Pine	2	Sapling	2								
	Paper Birch	15	Sapling	2	28							
	Black Cherry	5	Sapling	2	28							
	Red Oak	5	Log	14								
	Red Pine	3	XLog	20	100							
	White Spruce	3	Sapling	2	28							
26	4130	- Aspen		Saplin	g Well	61.8	27	Immature	N/A			
	Canopy Species	% Cover	Size Class	DBH	l Age							
	Red Oak	2	Sapling	2								
	Red Pine	3	Log	16								
	Red Oak	3	Log	12								
	Hemlock	2	Pole	5								
	Paper Birch	5	Sapling	2								
	Quaking Aspen	65	Sapling	4	27							
	White Spruce	3	Sapling	1								
	White Pine	2	Log	16								
	Red Maple	10	Sapling	2								
	Red Pine	2	Sapling	2								
	Balsam Fir	3	Sapling	2								



Stand	Level 4 Co	Level 4 Cover Type Size Density Acres Stand		Stand Age E	BA Range	Managed S	ite	General Comments	MICHIGAN			
27	4133 - Aspen, Mixed Pine Sapling Medium		1edium	11.8	8	Immature	N/A		Cut in spring 2016.			
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size		
	Paper Birch	5	Sapling	1	8	Н	emlock	Low	Variable	Sapling		
	White Pine	15	Log/Pole/XLog	14		Wh	nite Pine	Low	10 - 20 feet	Sapling		
	Red Maple	5	Sapling	1	8							
	Red Oak	3	Log	12								
	Hemlock	5	Log	14								
	Red Pine	15	Log/Pole/XLog	14								
	Balsam Fir	2	Pole	6								
	Quaking Aspen	50	Sapling	1	8							
28	4137 - As	spen, Birch	n Sa	awtimbe	er Well	20.9	63		N/A		cut in 2025.	
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size		
	Paper Birch	25	Pole	8		Whi	te Spruce	Medium	10 - 20 feet	Sapling		
	White Pine	5	XLog	20		Wh	nite Pine	Low	10 - 20 feet	Sapling		
	Red Pine	5	XLog	20		Ва	lsam Fir	Medium	10 - 20 feet	Sapling		
	Red Maple	15	Pole	6		Par	oer Birch	High	>20 feet	Sapling		
	Quaking Aspen	45	Log	12	63	Re	ed Pine	Low	10 - 20 feet	Sapling		
	Red Oak	5	Log	12		R	ed Oak	Medium	10 - 20 feet	Sapling		
						Re	d Maple	Full	Variable	Pole		
						Н	emlock	Low	Variable	Pole		
29	3102	- Grass		Nonsto	cked	3.6			No		Power line	
30	4112 - Maple, Beec					5.5	59	81-110	N/A		Steep slopes. cut in spring 2016	
	Canopy Species	% Cover	Size Class		Age		nopy Species	Density	Avg. Height	Size		
	Sugar Maple	3	Log/Pole	11			ar Maple	Low	Variable	Sapling		
	White Pine	2	XLog/Log	18			d Maple	Low	Variable	Sapling		
	Red Maple	85	Log/Pole	10	59	Ва	Isam Fir	Low	10 - 20 feet	Sapling		
	Yellow Birch	3	Pole	9								
	Red Oak	5	Log	14								
	Paper Birch	2	Pole	8								



and	Level 4 Cover Type		Size Density		Acres Stand Age B		BA Range Managed Site		Site	General Comments	dalo Mici	
1	4137 - A	spen, Birch	Р	oletimb	er Well	61.6	50		N/A			
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size		
	Quaking Aspen	59	Pole/Sapling	7	50	W	hite Pine	Medium	10 - 20 feet	Sapling		
	White Spruce	2	Pole	6		R	ted Pine	Medium	10 - 20 feet	Sapling		
	Red Maple	10	Pole/Sapling	5		Wh	ite Spruce	Medium	10 - 20 feet	Sapling		
	Red Pine	2	XLog	20		Suç	gar Maple	Full	>20 feet	Sapling		
	Paper Birch	20	Pole/Sapling	5		Ва	alsam Fir	Medium	5 - 10 feet	Sapling		
	Red Oak	5	Log	14		R	Red Oak	Medium	10 - 20 feet	Sapling		
	White Pine	2	XLog	20				,			-	
2	4319 - Mixed	d Upland Fo	orest S	awtimb	er Well	11.7	50	81-110	N/A		understory had been cut out in 1973. Two aged.	
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size		
	Red Oak	5	Log	12		Ва	alsam Fir	Medium	Variable	Sapling		
	White Spruce	5	Log/Pole	12		Wh	ite Spruce	Medium	Variable	Sapling		
	Quaking Aspen	30	Pole/Sapling	6	50	Re	ed Maple	Medium	Variable	Sapling		
	Red Pine	25	XLog	18	100	Pa	per Birch	Low	Variable	Sapling		
	Hemlock	5	Log/Pole	12		R	Red Oak	Low	Variable	Sapling		
	Red Maple	10	Pole/Sapling	5	50						_	
	White Pine	10	XLog	18	100							
	Paper Birch	10	Pole/Sapling	6								
3	4136 - Aspei	n, Mixed Co	nifer	Sapling	Well	51.4	17	Immature	N/A		OJ birch cut in 2005.	
	Canopy Species	% Cover	Size Class	DBH	Age							
	White Spruce	5	Sapling	1								
	Red Maple	15	Sapling	2								
	White Pine	5	Log	16								
	Red Oak	2	Sapling	1								
	Red Pine	2	Sapling	1								
	Red Oak	2	Log	14								
	Red Pine	5	Log	16								
	Paper Birch	2	Sapling	1								
	Hemlock	5	Pole	8								
	Balsam Fir	5	Sapling	1								
	White Pine	2	Sapling	1								
	Quaking Aspen	48	Sapling	2	17							
	Black Cherry	2	Sapling	2								

% Cover Size Class

Log/Pole

Log/Pole

Log/Pole

Log

Pole

5

60

10

5

20

DBH Age

12

11 60

10

16

8

Report 7 - Stands

Compartment: 6
Year of Entry: 2025



•	d Level 4 Co	over Type		Size De	пэну	Acies	Stand Age E	- Nange	Managed S	711.0	General Comments	
Ļ	4112 - Maple, Beec	h, Cherry A	Association Sa	awtimbei	r Medium	19.5	65	81-110	N/A		Thinned in 1997. Harvested in spring 2016.	
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size		
	Red Maple	54	Log/Pole	10	65	Whi	te Spruce	Low	10 - 20 feet	Sapling		
	Sugar Maple	33	Log/Pole	10		Н	emlock	Low	>20 feet	Sapling		
	Yellow Birch	8	Pole	8		Iro	onwood	Full	10 - 20 feet	Sapling		
	Red Oak	5	Log	16		Ma	ple (spp.)	Full	Variable	Sapling		
				·		Ва	lsam Fir	Medium	>20 feet	Sapling		
35	4130	- Aspen		Sapling	g Well	77.7	28	Immature	N/A		cut in 1995	
	Canopy Species	% Cover	Size Class	DBH	l Age							
	Paper Birch	10	Sapling	3								
	Black Cherry	3	Sapling	2								
	Quaking Aspen	60	Sapling	4	28							
	White Spruce	2	Sapling	2								
	White Pine	1	Sapling	2								
	Red Maple	10	Sapling	2								
	White Pine	3	XLog	20	100							
	Red Oak	1	Sapling	2								
	Red Pine	1	Sapling	2								
	Red Oak	5	Log	14								
	Red Pine	3	XLog/Log	20	100							
	Balsam Fir	1	Sapling	2								

Density

Full

High

Medium

Low

Avg. Height

Variable

10 - 20 feet

10 - 20 feet

10 - 20 feet

Size

Sapling

Sapling

Sapling

Sapling

**Sub-Canopy Species** 

Red Maple

Balsam Fir

White Spruce

Hemlock

**Canopy Species** 

White Spruce

Quaking Aspen

Paper Birch

Red Oak

Red Maple



Stanc	d Level 4 Co	over Type		Size De	ensity	Acres	Stand Age I	BA Range	Managed S	Site	General Comments	a DNR
37	42380 - Non Pine U Deci	pland Coni duous	ifer, Mixed	Poletimb	er Well	95.6	51	81-110	N/A		Six Mile Creek RMZ.	
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size		
	White Spruce	15	Pole	9		Ва	alsam Fir	Full	Variable	Pole		
No	orthern White Cedar	5	Pole	7		Wh	ite Spruce	Full	Variable	Pole		
	Balsam Fir	35	Pole	9	51	T	ag Alder	Full	10 - 20 feet	Tall Shrub		
	Paper Birch	5	Pole	8		Norther	n White Cedar	High	Variable	Pole		
	Quaking Aspen	5	Log/Pole	11		H	lemlock	High	Variable	Pole		
	White Pine	5	Log	16		Re	ed Maple	High	Variable	Sapling		
	Red Maple	20	Pole	8								
	Jack Pine	2	Pole	8								
	Red Oak	3	Log	14								
	Hemlock	5	Log	18								
38	4193 - Bi	rch, Aspen	1	Poletimb	er Well	15.2	75		N/A		Steep slopes. Stand drains to Kelly Lake.	
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size		
	Quaking Aspen	28	Pole/Log	10		Re	ed Maple	Full	Variable	Sapling		
No	orthern White Cedar	2	Pole	7		Ва	alsam Fir	Full	>20 feet	Sapling		
	Tamarack	2	Pole	7		W	hite Pine	Low	>20 feet	Pole		
	White Pine	2	XLog	20		Wh	ite Spruce	Full	>20 feet	Sapling		
	Black Spruce	5	Sapling/Pole	5				,			_	
	Paper Birch	35	Pole	9	75							
	Hemlock	4	Log	12								
	Red Oak	3	Log	12								
	Jack Pine	2	Pole	8								
	Red Maple	15	Pole	8								
	Red Pine	2	Log	18								
39	4139 - Aspen, I	Mixed Deci	duous	Sapling	g Well	33.1	8	Immature	N/A		Cut Spring 2016.	
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size		
	Paper Birch	13	Sapling	1	8	H	lemlock	Low	>20 feet	Sapling		
	Quaking Aspen	50	Sapling	1	8	W	hite Pine	Low	>20 feet	Sapling		
	Red Oak	5	Log	16							_	
	Red Oak	3	Sapling	1								
	Hemlock	5	Log	16								
	Balsam Fir	5	Pole/Sapling	g 5								
	Red Maple	10	Sapling	1	8							
	White Spruce	5	Pole/Sapling	g 5								
	Red Pine	2	Log/XLog	16								
	White Pine	2	Log/XLog	17								



Stand	d Level 4 C	over Type	Si	ize De	nsity	Acres	Stand Age B	A Range	Managed S	ite	General Comments	MICHIGAN .
40	4119 - Mixed No	orthern Har	dwoods Sa	wtimb	er Well	82.8	57	111-140	N/A		Flaming Blind Hdwd cut in 2008.	
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Can	opy Species	Density	Avg. Height	Size		
	Yellow Birch	5	Pole	8		Yello	ow Birch	Low	Variable	Sapling		
	Red Oak	5	XLog/Log/Pole	18		Re	ed Oak	Low	5 - 10 feet	Sapling		
	Paper Birch	5	Log	12		Bals	sam Fir	Medium	10 - 20 feet	Sapling		
	Hemlock	5	Log	16		White	e Spruce	Low	10 - 20 feet	Sapling		
	Sugar Maple	10	Log/Pole	10		Мар	le (spp.)	Full	Variable	Sapling		
	Red Maple	67	Log/Pole	12	57	Aspe	en (spp.)	Medium	10 - 20 feet	Sapling		
	White Pine	3	XLog	20		Не	emlock	Medium	Variable	Pole		
42	4191 - Mixed Upla Co	and Decidu onifer	ous with S	Sapling	Poor	15.3	8 1	Immature	N/A		slopes to creek. cut in spring 2016.	
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Can	opy Species	Density	Avg. Height	Size		
	Paper Birch	10	Sapling	1	8	White	e Spruce	Full	>20 feet	Sapling		
	Balsam Fir	5	Sapling	1		Whi	ite Pine	Low	>20 feet	Sapling		
	Red Oak	3	Log	12								
	Quaking Aspen	39	Sapling	1	8							
	Red Pine	10	Log/Pole/XLog	16								
	Red Maple	25	Sapling	1	8							
	White Pine	5	Log/Pole/XLog	15								
	Hemlock	3	Log/Pole/XLog	16								
43	3102	- Grass	1	Nonsto	cked	17.6			No		power line	
44	42350 - Up	land Hemlo	ock Po	letimb	er Well	71.6	113	141-170	N/A		2013 - RMZ, steep, bottom land (Dog Ground)	
44	Canopy Species		ock Po		er Well		113	141-170 <b>Density</b>	N/A <b>Avg. Height</b>	Size	2013 - RMZ, steep, bottom land (Dog Ground)	
44	<u>_</u>					Sub-Can				<b>Size</b> Pole	2013 - RMZ, steep, bottom land (Dog Ground)	
44	Canopy Species	% Cover	Size Class	DBH		Sub-Can	opy Species	Density	Avg. Height		2013 - RMZ, steep, bottom land (Dog Ground)	
	Canopy Species Balsam Fir	% Cover	Size Class Pole	<b>DBH</b>		Sub-Can	le (spp.)	<b>Density</b> Full	Avg. Height Variable	Pole	2013 - RMZ, steep, bottom land (Dog Ground)	
	Canopy Species  Balsam Fir  Paper Birch	% Cover	Size Class Pole Pole	<b>DBH</b> 6 7		Sub-Can	le (spp.)	<b>Density</b> Full	Avg. Height Variable	Pole	2013 - RMZ, steep, bottom land (Dog Ground)	
	Canopy Species Balsam Fir Paper Birch Quaking Aspen	% Cover 10 3 6	Size Class Pole Pole Pole	<b>DBH</b> 6 7		Sub-Can	le (spp.)	<b>Density</b> Full	Avg. Height Variable	Pole	2013 - RMZ, steep, bottom land (Dog Ground)	
	Canopy Species  Balsam Fir  Paper Birch  Quaking Aspen  White Spruce	% Cover 10 3 6 10	Size Class Pole Pole Pole Pole	<b>DBH</b> 6 7 7 6		Sub-Can	le (spp.)	<b>Density</b> Full	Avg. Height Variable	Pole	2013 - RMZ, steep, bottom land (Dog Ground)	
	Canopy Species  Balsam Fir  Paper Birch  Quaking Aspen  White Spruce  Red Oak	% Cover 10 3 6 10 2	Size Class Pole Pole Pole Pole Log	<b>DBH</b> 6 7 7 6 12		Sub-Can	le (spp.)	<b>Density</b> Full	Avg. Height Variable	Pole	2013 - RMZ, steep, bottom land (Dog Ground)	
	Canopy Species  Balsam Fir  Paper Birch  Quaking Aspen  White Spruce  Red Oak  Yellow Birch	% Cover 10 3 6 10 2 1	Pole Pole Pole Pole Pole Pole Pole Pole	6 7 7 6 12 7	Age	Sub-Can	le (spp.)	<b>Density</b> Full	Avg. Height Variable	Pole	2013 - RMZ, steep, bottom land (Dog Ground)	
	Canopy Species  Balsam Fir  Paper Birch  Quaking Aspen  White Spruce  Red Oak  Yellow Birch  Hemlock	% Cover 10 3 6 10 2 1 55	Size Class Pole Pole Pole Pole Pole Log Pole Log	DBH 6 7 7 6 12 7 14	Age	Sub-Can	le (spp.)	<b>Density</b> Full	Avg. Height Variable	Pole	2013 - RMZ, steep, bottom land (Dog Ground)	
	Canopy Species  Balsam Fir  Paper Birch  Quaking Aspen  White Spruce  Red Oak  Yellow Birch  Hemlock  Red Maple	% Cover  10 3 6 10 2 1 55 4	Pole Pole Pole Pole Pole Log Pole Log Pole	DBH 6 7 7 6 12 7 14 7	Age	Sub-Can	le (spp.)	<b>Density</b> Full	Avg. Height Variable	Pole	2013 - RMZ, steep, bottom land (Dog Ground)	

Compartment: 6 Year of Entry: 2025



Stand	d Level 4 C	Level 4 Cover Type Size Density Acres Stand Age BA Range Managed Site		Site	General Comments						
45	4130	- Aspen	Po	letimb	er Well	9.5	42	Unspecified	N/A		Acquired April 23, 1999 from Champion.
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	s Density	Avg. Height	Size	
	Red Maple	6	Sapling/Pole	3		Ва	alsam Fir	Medium	Variable	Sapling	
	Quaking Aspen	80	Pole/Sapling	5	42	Ma	ple (spp.)	Medium	Variable	Sapling	
	White Spruce	2	Pole	7							-
	Hemlock	2	Pole	6							
	Red Pine	2	Sapling/Pole	3							
	Balsam Fir	3	Sapling	2							
	Red Oak	3	Log	14							
	Paper Birch	2	Sapling	2							
46	4130	- Aspen	Sa	wtimb	er Well	185.3	80	141-170	N/A		2013 - Two aged aspen. Pockets or larger dia. aspen. Choppers choice
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	s Density	Avg. Height	Size	in the late 70's. Some steep slopes. Dog ground.
	Paper Birch	5	Pole/Sapling	5	40	Whi	ite Spruce	Low	10 - 20 feet	Sapling	
	Hemlock	2	Log/Pole/XLog	16		Н	lemlock	Low	>20 feet	Pole	
	Sugar Maple	2	Pole/Log	8		R	led Oak	Low	10 - 20 feet	Sapling	
	Quaking Aspen	83	Log/Pole	12	80	W	hite Pine	Low	>20 feet	Sapling	
	White Pine	1	Log/XLog/Pole	16		Ва	alsam Fir	Low	10 - 20 feet	Sapling	
	Red Oak	3	Log/XLog/Pole	14					1		_
	Red Maple	3	Pole	5							
	Red Pine	1	Log/XLog	16							
47	4130	- Aspen	Sa	wtimb	er Well	57.4	80	141-170	N/A		2013 - Two aged aspen. Pockets or larger dia. aspen. Choppers choice
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Specie	s Density	Avg. Height	Size	in the late 70's. Some steep slopes. Dog ground.
	Paper Birch	5	Pole/Sapling	5	45	R	led Oak	Low	10 - 20 feet	Sapling	
	Sugar Maple	2	Pole/Log	8		W	hite Pine	Low	>20 feet	Sapling	
	Quaking Aspen	83	Log/Pole	14	80	Ва	alsam Fir	Low	10 - 20 feet	Sapling	
	Red Maple	3	Pole	5		Whi	ite Spruce	Low	10 - 20 feet	Sapling	
	White Pine	1	Log/XLog/Pole	16		Н	lemlock	Low	>20 feet	Pole	
	Red Pine	1	Log/XLog	16				'			-
	Red Oak	3	Log/XLog/Pole	14							
		_									

Hemlock

2

Log/Pole/XLog

16

Compartment: 6
Year of Entry: 2025

DNR MICHIGAN

Stand	Level 4 C	Level 4 Cover Type			nsity	Acres	Stand Age BA Range		Managed S	Site	General Comments		
48	4130 - Aspen F			Poletimber Well		183.4	41	111-140	N/A		Acquired April 23, 1999 from Champion.		
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size			
	White Pine	2	Log	14		Pap	oer Birch	Medium	>20 feet	Sapling			
	Red Pine	2	Log	16		Мар	ole (spp.)	Medium	>20 feet	Sapling			
	Hemlock	2	Log	12									
	Red Maple	3	Pole/Sapling	5									
	Paper Birch	10	Pole/Sapling	5									
	Sugar Maple	3	Pole/Log/Sap	9									
	Red Oak	2	Log	12									
	Quaking Aspen	76	Pole/Log/Sap	8	41								
50	4199 - Other Mixe				er Well		80	81-110	N/A		Acquired April 23, 1999 from Champion. some steep slopes were missed last time it was cut1982.		
	Canopy Species		Size Class		Age		nopy Species		Avg. Height	Size	This could have an inches and court out.		
	Paper Birch	10	Pole	8			ole (spp.)	Full	Variable	Sapling			
	Red Oak	5	Log	11		Pap	oer Birch	Low	10 - 20 feet	Sapling			
	Red Pine	3	Log/Pole/XLog	15			en (spp.)	Full	Variable	Sapling			
	Hemlock	12	Log	12		He	emlock	Medium	Variable	Pole			
	Yellow Birch	3	Pole	8									
	Quaking Aspen	15	Pole/Sapling	6	41								
	Sugar Maple	30	Pole	8	80								
	Balsam Fir	3	Pole	7									
	Red Maple	19	Pole	9									
51	4130	- Aspen	Po	letimb	er Well	13.3	41 L	Inspecified	N/A		Acquired April 23, 1999 from Champion.		
	Canopy Species	% Cover	Size Class	DBH	Age								
	Paper Birch	2	Sapling	3									
	Quaking Aspen	61	Pole/Sapling	5	41								
	White Pine	3	Pole	9									
	Red Pine	2	Pole	8									
	Balsam Fir	3	Sapling	4									
	White Spruce	2	Sapling	3									
	Red Oak	2	Sapling/Pole	2									
	Black Cherry	2	Sapling/Pole	3									
	Red Maple	19	Pole/Sapling	5									
	Hemlock	4	Pole	7									

ort 7 – Stands



Stand	and Level 4 Cover Type		Si	Size Density			Acres Stand Age BA Range			Site	General Comments		
52	42110 - Planted Red Pine P			Poletimber Well		47.2	40	111-140	N/A		2013-Acquired April 23, 1999 from Champion. some planted red pine.		
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size			
	White Pine	2	Log	14		Ва	lsam Fir	Medium	10 - 20 feet	Sapling			
	Hemlock	3	Log/Pole	12							-		
	Red Maple	2	Pole/Sapling	5									
	Paper Birch	5	Pole/Sapling	5	40								
	Red Oak	2	Log	12									
	Quaking Aspen	8	Pole/Sapling	6	40								
	Red Pine	78	Pole/Log	9	40								
53	4130 -	- Aspen	Sa	wtimb	er Well	186.3	80	141-170	N/A		2013 - Two aged aspen. Pockets or larger dia. aspen. Choppers choice		
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	in the late 70's. Some steep slopes. Dog ground.		
	Hemlock	2	Log/Pole/XLog	16		WI	nite Pine	Low	>20 feet	Sapling			
	Sugar Maple	2	Pole/Log	8		Ва	lsam Fir	Low	10 - 20 feet	Sapling			
	Red Pine	1	Log/XLog	16		R	ed Oak	Low	10 - 20 feet	Sapling			
	Red Maple	3	Pole	5		Whi	te Spruce	Low	10 - 20 feet	Sapling			
	Red Oak	3	Log/XLog/Pole	14		Н	emlock	Low	>20 feet	Pole			
	Paper Birch	5	Pole/Sapling	5	45								
	Quaking Aspen	83	Log/Pole	14	80								
	White Pine	1	Log/XLog/Pole	16									
54	4140 - Other U	pland Dec	iduous Po	letimb	er Well	4.4	51		N/A		Acquired April 23, 1999 from Champion.		
	Canopy Species	% Cover	Size Class	DBH	I Age								
	Hemlock	5	Pole	7									
	Yellow Birch	3	Sapling/Pole	4									
	Red Maple	10	Pole/Sapling	5									
	Paper Birch	75	Pole	7	51								
	Quaking Aspen	5	Pole	7									
	Black Cherry	2	Sapling	3									
55	4312 - Hemlock,	Mixed De	ciduous Po	letimb	er Well	50.8	93	141-170	N/A		Acquired April 23, 1999 from Champion. Extreme slopes, Possibly mark		
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	the valleys in 2025. Was last cut in the 1980's.		
	Paper Birch	5	Sapling/Pole	4		Iro	Ironwood		10 - 20 feet	Sapling			
	White Spruce	5	Pole	6		Maple (spp.)		Full	Variable	Sapling			
	Sugar Maple	15	Pole	7		Yel	low Birch	High	>20 feet	Sapling			
	Red Maple	15	Pole	7		Ва	lsam Fir	Medium	10 - 20 feet	Sapling			
	Yellow Birch	5	Pole	6		Asp	en (spp.)	High	>20 feet	Sapling			
	Red Oak	5	Log	12		Whi	te Spruce	Medium	10 - 20 feet	Sapling			
	Neu Oak	0											
	Hemlock	50	Log	14	93	Н	emlock	Full	Variable	Pole			

7

3

41

Pole/Sapling

Sapling/Pole

30

2

Report 7 - Stands

Compartment: 6
Year of Entry: 2025



Stand	d Level 4 C	over Type	5	Size De	nsity	Acres	Stand Age E	3A Range	Managed S	Site	General Comments
56	42350 - Up	land Heml	ock S	awtimb	er Well	56.4	103	111-140	N/A		Acquired April 23, 1999 from Champion.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Paper Birch	5	Sapling/Pole	4		Н	emlock	Full	Variable	Pole	
	Quaking Aspen	10	Pole/Sapling	6		Maj	ple (spp.)	Full	>20 feet	Pole	
	White Spruce	2	Pole	6		Pa	per Birch	Medium	10 - 20 feet	Sapling	
	Sugar Maple	7	Pole/Sapling	5		Whi	te Spruce	Low	10 - 20 feet	Sapling	
	Hemlock	60	Log/Pole	11	103			'			-
	Red Maple	8	Pole/Sapling	5							
	Yellow Birch	4	Pole/Sapling	5							
	Red Pine	2	XLog/Log	18							
	White Pine	2	XLog/Log	18							
	Canopy Species		Size Class		Age		nopy Species		Avg. Height	Size	were marked out to open canopy roe regeneration.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Ava. Heiaht	Size	were marked out to open canopy roe regeneration.
	Yellow Birch	5	Pole/Log	9			ple (spp.)	Full	Variable	Sapling	
	Red Oak	51	Log	14	76	Whi	te Spruce	Full	Variable	Sapling	
	Paper Birch	2	Pole/Log	8			emlock	Full	Variable	Sapling	
	Hemlock	10	Log/Pole	12	76	Ва	llsam Fir	Full	Variable	Sapling	
	Sugar Maple	15	Pole/Log	9		R	ed Oak	Medium	5 - 10 feet	Sapling	
	Red Maple	15	Log/XLog/Pole	13							
	Quaking Aspen	2	Pole/Sapling	6							
58		irch, Asper		oletimb		33.5	41	111-140	N/A		Acquired April 23, 1999 from Champion. Scattered pockets of hdwd on steep slopes.
	Canopy Species	% Cover			Age		nopy Species		Avg. Height	Size	
	Paper Birch	32	Pole/Sapling	5	41	Н	emlock	Medium	10 - 20 feet	Sapling	
	Sugar Maple	10	Pole	5							
	Red Pine	3	Pole	7							
	Red Maple	10	Pole	6							
	Hemlock	5	Log/Pole	11							
	White Pine	2	Log	14							
	Yellow Birch	3	Sapling	3							
	Red Oak	3	Log/Pole	10							

Quaking Aspen

Balsam Fir



Stand	Level 4 Cover Type			Size De	nsity	Acres	Stand Age	BA Range	Managed S	Site	General Comments	
59	4137 - Aspen, Birch P			Poletimber Well		10.0	41		N/A		Acquired April 23, 1999 from Champion. Scattered pockets of hdwd on	
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Specie	s Density	Avg. Height	Size	steep slopes	
	Yellow Birch	3	Sapling	3		Н	emlock	Low	10 - 20 feet	Sapling		
	Red Oak	3	Log/Pole	10		Ва	Isam Fir	Low	5 - 10 feet	Sapling		
	Quaking Aspen	40	Pole/Sapling	6	41	Whi	te Spruce	Low	5 - 10 feet	Sapling		
	Hemlock	5	Log	12							•	
	Paper Birch	29	Pole/Sapling	5	41							
	Red Maple	10	Pole	6								
	Sugar Maple	10	Pole	5								
60	4139 - Aspen,	Mixed Deci	duous P	oletimb	er Well	42.2	41	Unspecified	N/A		Acquired April 23, 1999 from Champion.	
	Canopy Species	% Cover	Size Class	DBH	I Age							
	Balsam Fir	2	Sapling	2								
	White Spruce	3	Pole	5								
	Red Maple	10	Sapling/Pole	4								
	Red Oak	3	Log	14								
	Quaking Aspen	55	Pole/Sapling	6	41							
	Paper Birch	17	Pole/Sapling	5								
	Hemlock	10	Log	11								
61		onifer			er Well	7.7	93	111-140	N/A		Limited factor cut with adj cmpt 7 in 2023. access is from the north. smal acreage.	
	Canopy Species		Size Class		I Age		nopy Specie		Avg. Height	Size		
	Quaking Aspen	37	Log	14	93		per Birch	Medium	>20 feet	Pole		
	Red Oak	3	Log	12			lsam Fir	Full	>20 feet	Pole		
	Hemlock	20	Log	15			ck Cherry	Low	Variable	Sapling		
	Sugar Maple	10	Pole/Log	8			gar Maple	High	Variable	Sapling		
	Paper Birch	15	Pole	7		Н	emlock	Full	>20 feet	Pole		
	Yellow Birch	5	Pole	7								
	Red Maple	10	Pole/Log	8								
62	3302 - Low Der	3302 - Low Density Conifer Trees		Nonst	ocked	4.5			No			
						Sub-Ca	nopy Specie	s Density	Avg. Height	Size		
						Ta	marack	Medium		Sapling		
						Blad	ck Spruce	Medium		Sapling		
63	122 - Roa	d/Parking L	ot	Nonsto	ocked	3.0			No		<u>-</u>	



Stand	Level 4 Cover Type  42111 - Planted Red Pine, Mixed Deciduous			Size De	nsity	Acres	Stand Age	BA Range	Managed Site	General Comments	M/CHIGAN .
64				Poletimber Well		ell 2.8	41	141-170	N/A		
	Canopy Species	% Cover	Size Class	DBH	l Age						
	Red Pine	70	Pole/Log	9	41						
	Paper Birch	10	Pole	5							
	Red Maple	10	Pole	5							
	Quaking Aspen	10	Pole	6							
65	4136 - Asper	n, Mixed Co	nifer Po	oletimbei	r Medium	2.5	50	111-140	N/A	Data from stand 49. Steep slopes excluded from stand 39.	
	Canopy Species	% Cover	Size Class	DBH	l Age						
	Paper Birch	20	Sapling/Pole	e 4							
	Red Oak	5	Log	12							
	Red Pine	5	Log	16							
	White Spruce	3	Pole	7							
	Quaking Aspen	42	Pole/Log/Sap	р 9	50						
	White Pine	10	Log	16	90						
	Hemlock	5	Log	16							
	Red Maple	10	Pole	5							
66	4136 - Asper	n, Mixed Co	nifer I	Poletimb	er Well	23.8	41	111-140	N/A		
	Canopy Species	% Cover	Size Class	DBH	l Age						
	Red Maple	7	Pole/Sapling	g 5							
	Sugar Maple	5	Pole/Sapling	g 5							
	Hemlock	20	Log/Pole	12							
	Paper Birch	15	Pole/Sapling	g 5							
	White Pine	3	Log/Pole/XLo	og 15							
	Balsam Fir	3	Pole/Sapling	g 5							
	Quaking Aspen	45	Pole	6	41						
	Red Pine	2	Log/Pole	12							



Stan	d Level 4 Cover Type			Size Density			Stand Age	BA Range	Managed Site		General Comments		
67	4191 - Mixed Upl Co	and Decidu onifer	ous with Pole	timbe	r Medium	28.5	40	51-80	N/A				
	Canopy Species	% Cover	Size Class	DBH	l Age								
No	orthern White Cedar	2	Pole/Sapling	5									
	Quaking Aspen	10	Pole	5	40								
	White Spruce	3	Pole/Sapling	5									
	Balsam Fir	3	Pole/Sapling	5									
	Hemlock	5	Log/Pole	12									
	Red Oak	7	Log/Pole	12									
	Red Maple	35	Sapling/Pole	4	40								
	Red Pine	15	Pole/Log	8									
	White Pine	2	Log	14									
	Paper Birch	18	Pole	6									
69	4130 - Aspen Saw		awtimb	er Well	18.0	90	Unspecified	N/A		Two aged aspen. Pockets or larger dia. aspen. C late 70's. Some steep slopes. Dog Ground.	hoppers choice in the		
	Canopy Species	% Cover	Size Class		l Age						late 703. Some steep slopes. Dog Ground.		
	Hemlock	4	Log	16									
	Red Oak	3	Log	12									
	Paper Birch	15	Pole/Sapling	5	50								
	Quaking Aspen	62	Log/Pole	11	90								
	White Spruce	1	Pole	7									
	White Pine	5	Log	16									
	Red Pine	2	Log	16									
	Red Maple	8	Pole	5									
70	4130	- Aspen	Sa	awtimb	er Well	44.0	90		N/A		Two aged aspen. Pockets or larger dia. aspen. Choppers choice in	hoppers choice in the	
	Canopy Species	% Cover	Size Class	DBH	l Age						late 70's. Some steep slopes. Dog Ground.		
	Quaking Aspen	62	Log/Pole	11	90								
	White Spruce	1	Pole	7									
	White Pine	5	Log	16									
	Red Pine	2	Log	16									
	Hemlock	4	Log	16									
	Red Maple	8	Pole	5									
	Red Oak	3	Log	12									
	Paper Birch	15 Pole/Sapling 5 50	50										
71	4130	- Aspen	Sa	awtimb	er Well	4.2	80	Unspecified	N/A				
			Size Class	DBH	l Age	Sub-Ca	anopy Specie	es Density	Avg. Height	Size			
	Hemlock	15	Pole	7		H	lemlock	Medium	Variable	Sapling			
	Quaking Aspen	80	Log/Pole/XLog	12	80			T.			<u></u>		
	Red Maple	5	Pole	7									

Baraga Mgt. Unit

# Report 7 - Stands



Stand	Level 4 C	over Type		Size Density		Acres	Stand Age	BA Range	Managed Site	General Comments	MICHIGAN S
72	4119 - Mixed No	dwoods	Sawtimber Well		13.2	89	111-140	N/A			
	Canopy Species	% Cover	Size Class	DB	H Age						
	Hemlock	10	Log/Pole	10							
	Yellow Birch	5	Pole/Log	8							
	Paper Birch	5	Pole	7							
	Red Oak	2	Log/Pole	13							
	Red Maple	30	Log/Pole	12							
	Sugar Maple	48	Log/Pole	11	89						
75	320 - Up	320 - Upland Shrub 320 - Upland Shrub		Nonstocked		1.3	0	Unspecified	No	Frost pocket that may flood during spring snow melt.	
76	320 - Up			Upland Shrub Nonstocked		0.5	0	Unspecified	No	Frost pocket that may flood during spring snow melt.	