# DNR MCHIGAN

# **Compartment Review Presentation**

**Baraga Forest Management Unit** 

Compartment 11031 Entry Year: 2027 Acreage: 1,295

**County: Houghton** 

**Management Area: Houghton Hardwoods** 

Stand Examiner: Shaun Sullivan

#### **Legal Description:**

T52N R35W, Section 6 T52N R36W, Section 1 T53N R35W, Section 2 T54N R35W, Section 34

#### **Identified Planning Goals:**

Manage for high quality northern hardwoods. Expand mesic conifers within stands that are scheduled for treatment.

#### Soil and topography:

The soils in sections 1 and 6 are Trimountain Cobbly fine sandy loam, Trimountain-Paavola Complex, Trimountain-Paavola-Michigamme Complex. The topography in these sections is rolling to hilly. The soils around Lake Perrault are Kalkaska-Waiska Sands. The topography is level to rolling.

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

The parcels in Sections 1 and 6 are a solid block of State Forest land with state land to the west, and industry and small private ownerships to the north south and east. The predominant land use is commercial forest. The parcels in sections 2 and 34 are surrounded by industry land.

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

Wood turtle, Great blue heron rookery, Loon and Bald eagle have been documented in the compartment. Potential for osprey, moose, wolf and red-shouldered hawk.

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

The Military Road (Fort Howard to Fort Wilkins) crosses this compartment.

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

#### **Watershed and Fisheries Considerations:**

This compartment contains the Misery River, the Salmon Trout River, two unnamed trout streams, Donklin Lake, Eleven Mile Lake, and Lake Perrault. Maintain a buffer to the high bank of the valley wall along the unnamed trout stream that runs through stand 21. Maintain a 50 ft buffer plus 5-ft per 1% increase in slope on the east and southwest portion of Donken Lake in stand 015. Maintain a 50 ft buffer plus 5-ft per 1% increase in slope along Eleven Mile Lake in stand 26.

#### Wildlife Habitat Considerations:

Hard and soft mast in this compartment supports a good bear population. Mesic conifer regeneration is not impacted by deer browsing.

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

Surface sediments consist of an end moraine of fine-textured till. There is insufficient data to determine the glacial drift thickness. The Precambrian Copper Harbor Conglomerate subcrops below the glacial drift. The Copper Harbor was previously mined for small amounts of copper. The nearest gravel pit is located just to the southwest and there maybe some potential. Abandoned copper mines and crushed basalt piles are located five miles to the southwest. This area has not been leased for metallic exploration. There is no economic oil and gas production in the UP.

#### **Vehicle Access:**

Access is good. M-26, county roads and the Donken – Tapiola Road (DNR) provide access to the compartment. The internal road system, non county road, is good, but needs some improvement work.

#### **Survey Needs:**

Survey work will be needed.

#### **Recreational Facilities and Opportunities:**

The Bill Nicholls Rail-Trail crosses the compartment. This is a heavily used snowmobile trail, and a designated ORV route. The section 34 parcel includes Lake Perrault.

#### **Fire Protection:**

This is not a fire prone area.

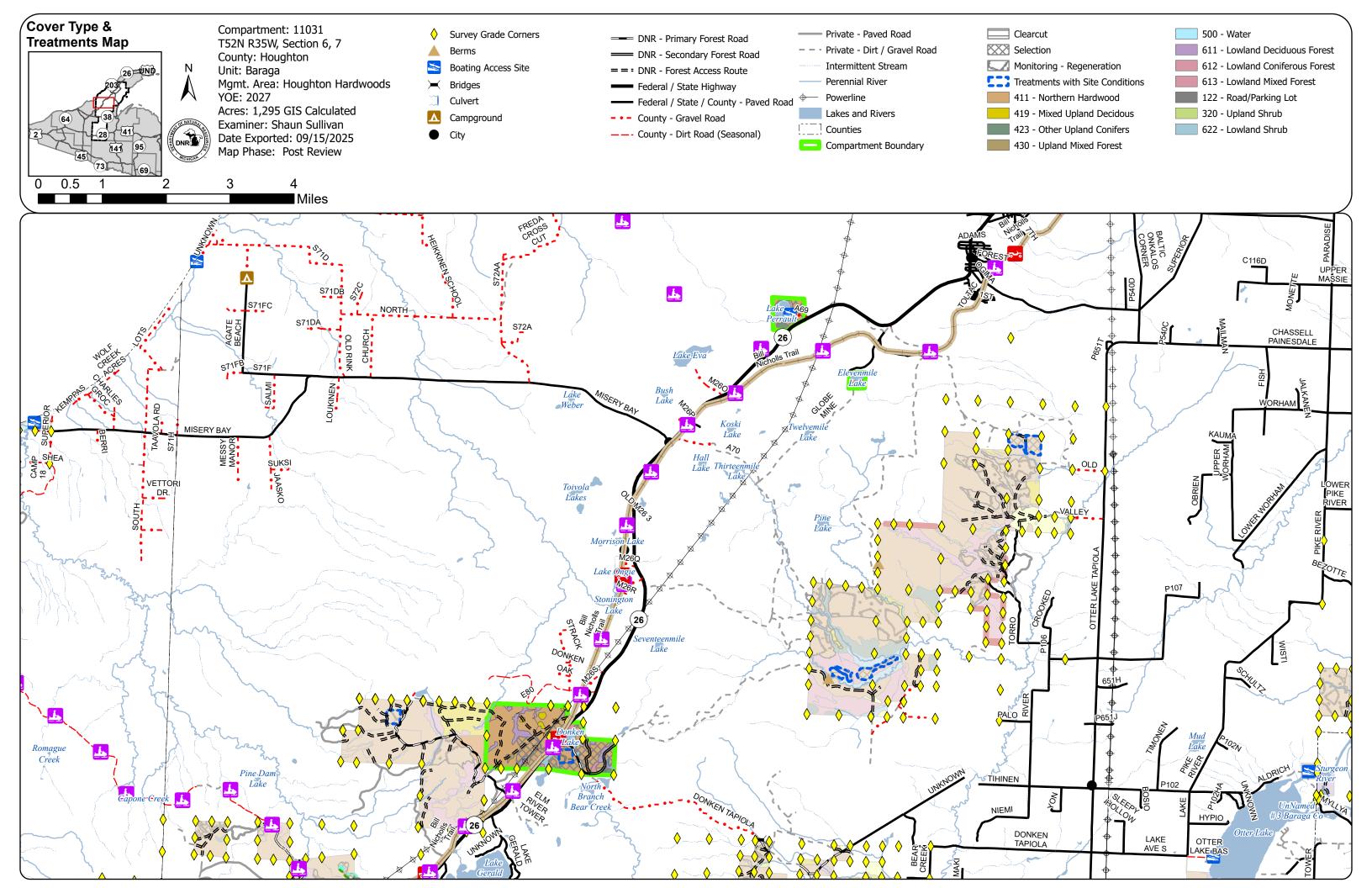
#### **Additional Compartment Information:**

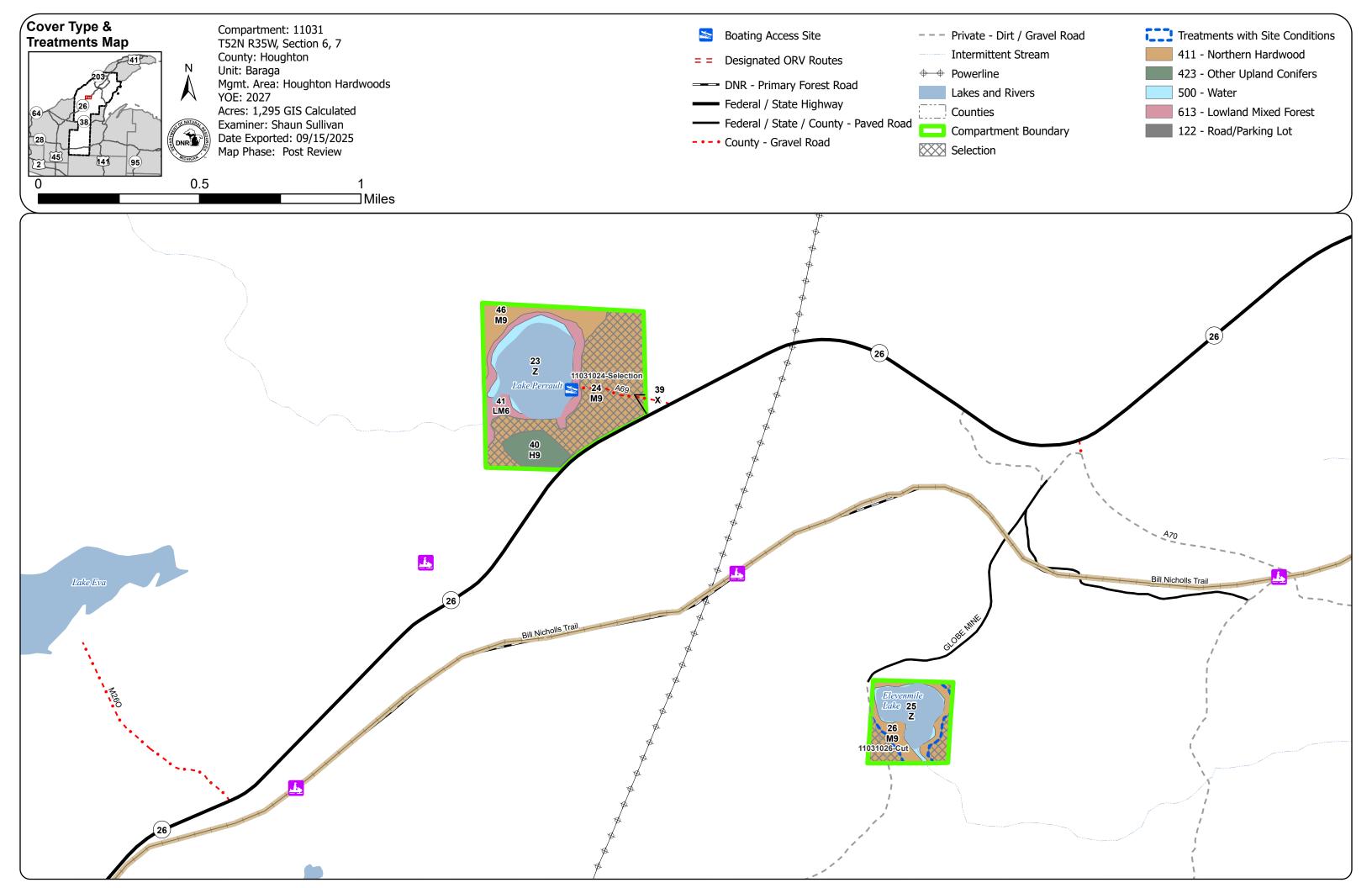
The following reports from the Inventory are attached:

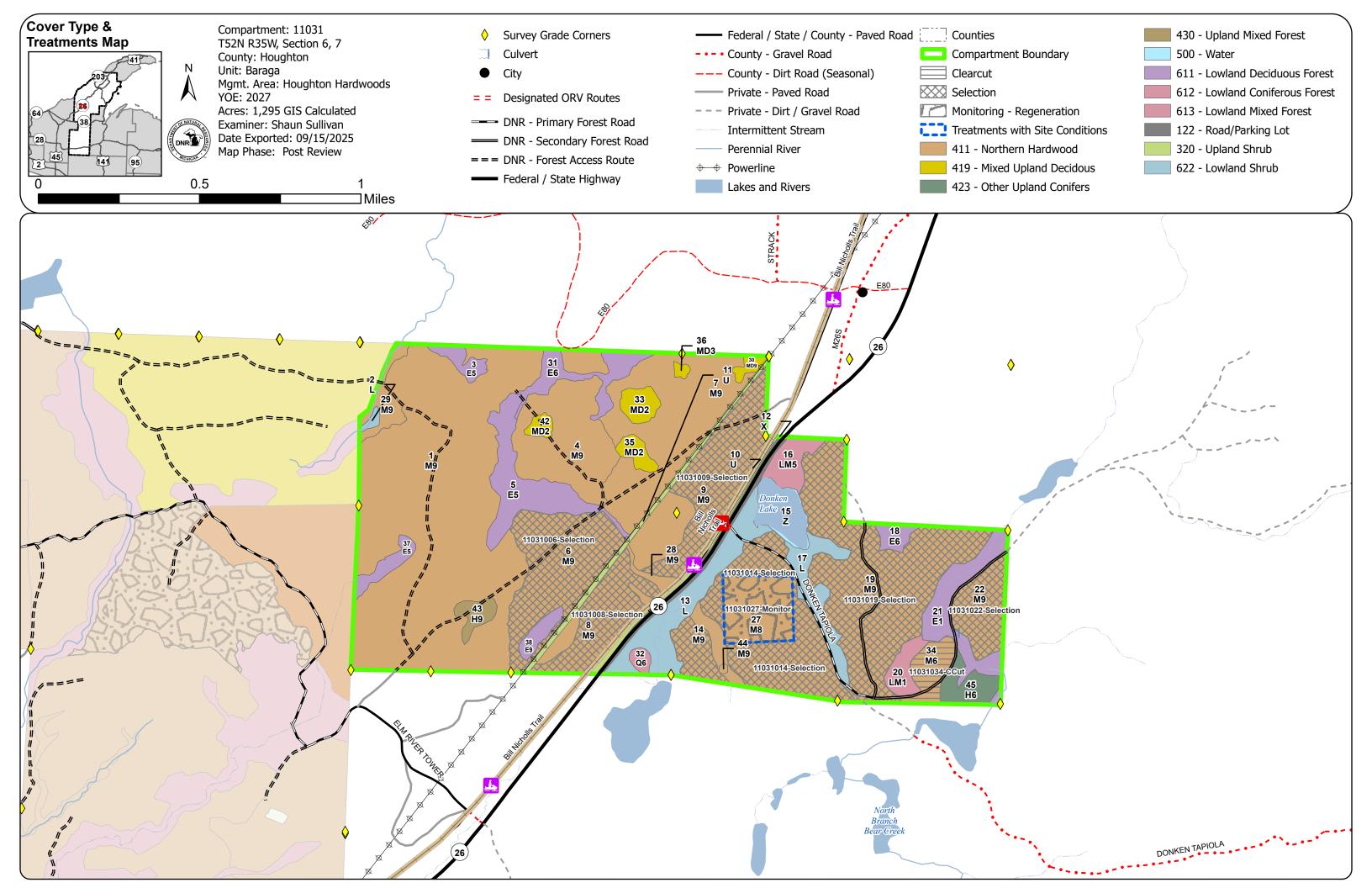
Total Acres by Cover Type and Age Class
Cover Type by Harvest Method
Proposed Treatments – No Limiting Factors
Proposed Treatments – With Limiting Factors
Stand Details (Forested and Nonforested)
Dedicated and Proposed Special Conservation Areas
Site Condition Details

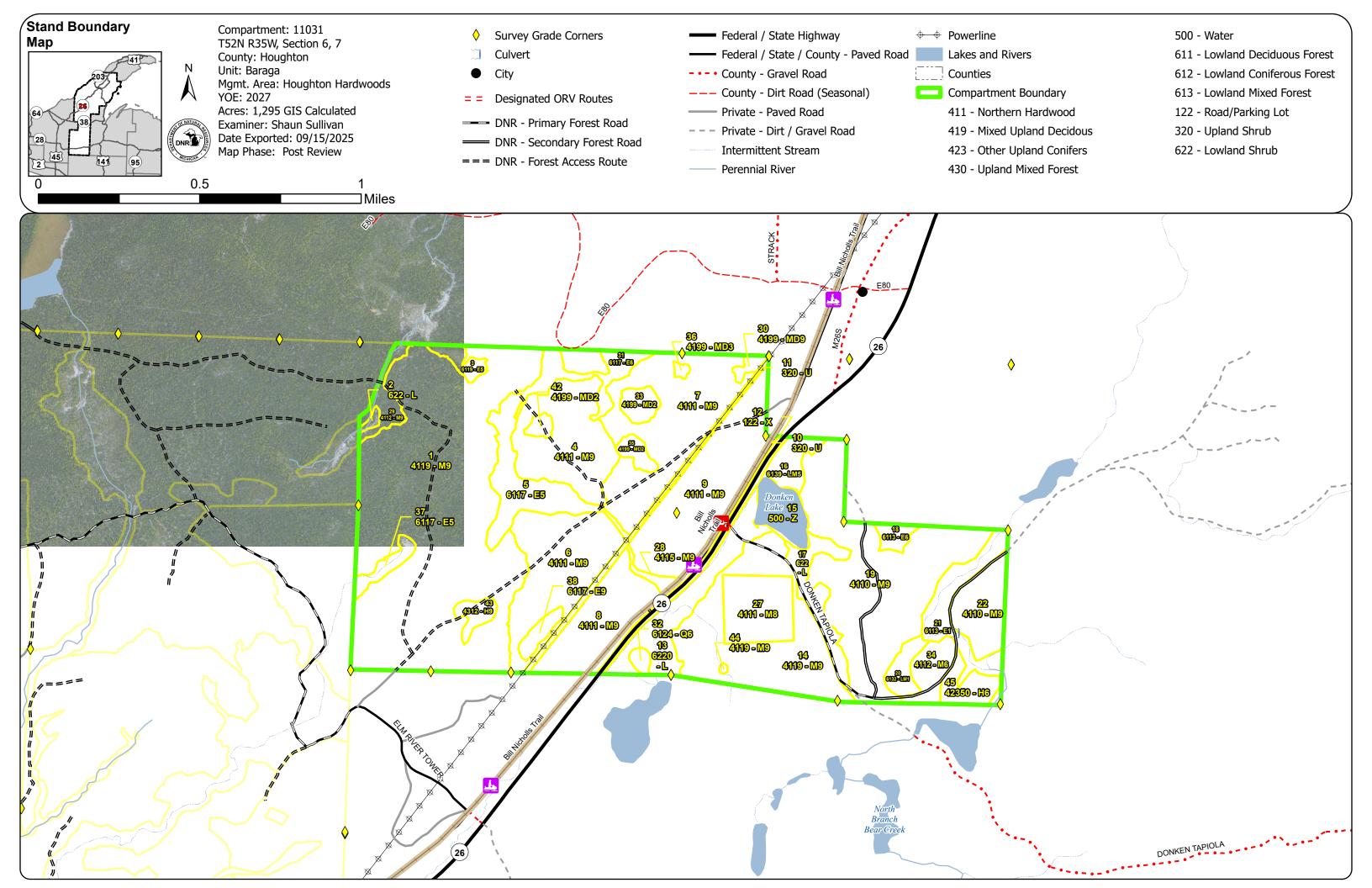
The following information is displayed, where pertinent, on the attached compartment maps:

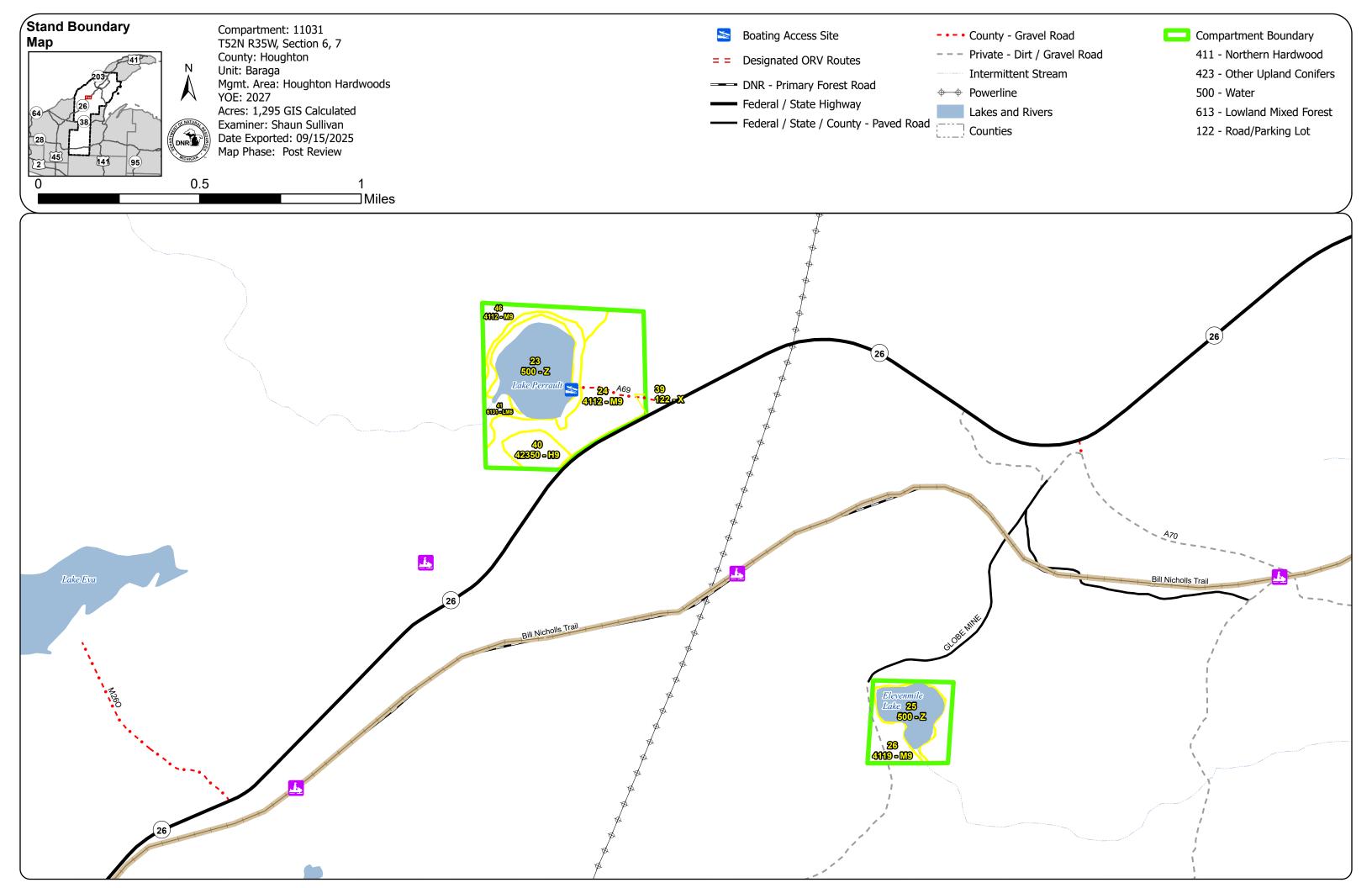
Base feature information, stand boundaries, cover types, and numbers Proposed treatments
Site condition boundaries
Details on the road access system

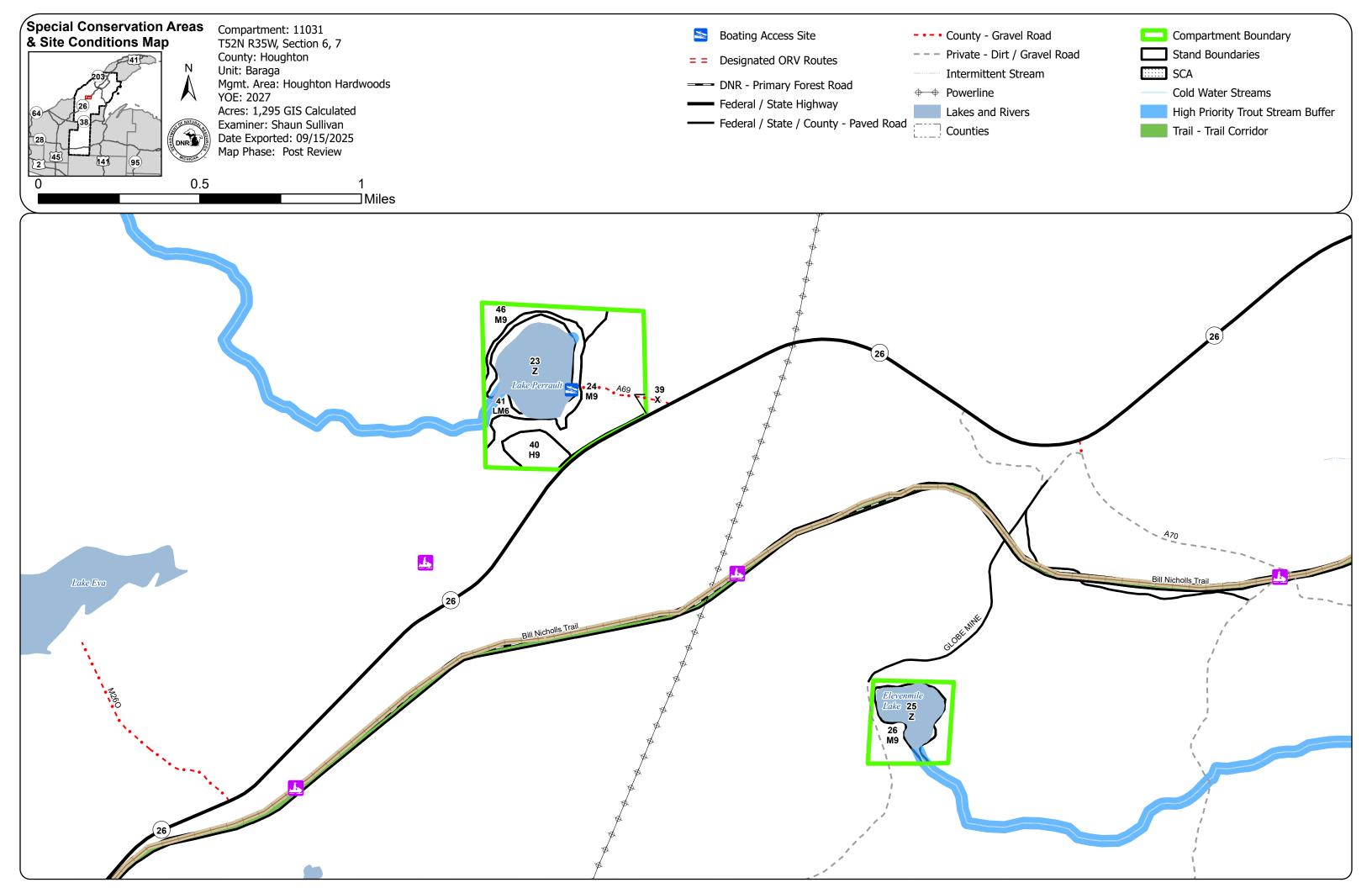


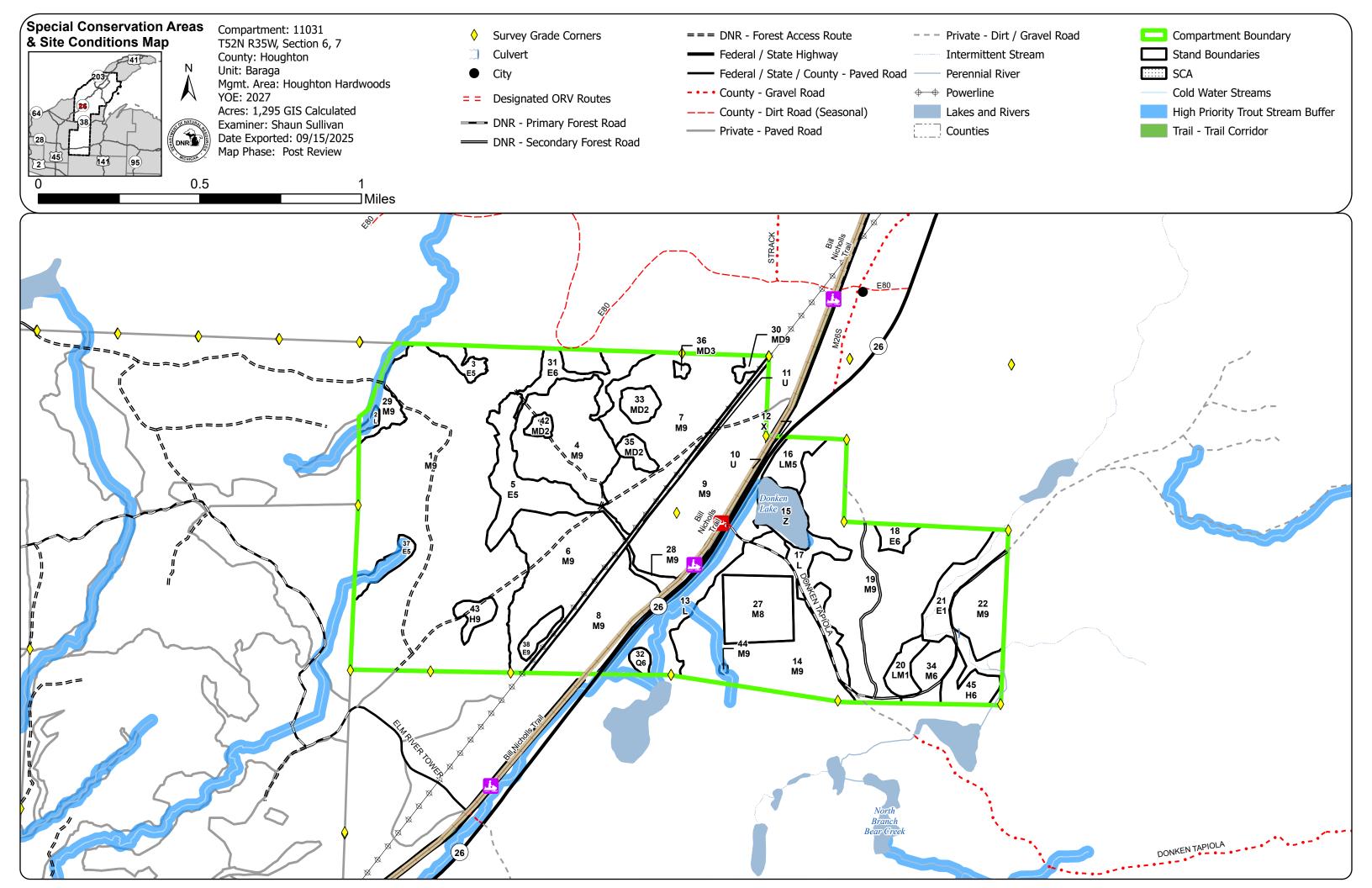












Compartment 31 Year of Entry 2027

Baraga Mgt. Unit Shaun Sullivan: Examiner



#### Age Class

	,	<u>*</u>	/ /	/ /	///	/	///	/	/	///	///	/	///	/	/ /	/ /	/	/ /	/ <sub>\$</sub> /	
	₽g	40 ×				3 / \$		3/8	\$ / 5		*			& \_{\lambda}		S. S. S.		Jr. Jr. S	N. S.	
Hemlock	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	29	29	ł
Lowland Conifers	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	3	ł
Lowland Deciduous	0	0	0	0	25	7	0	5	17	0	0	0	0	0	0	0	0	44	98	ł
Lowland Mixed Forest	0	0	0	0	8	0	11	0	0	0	0	0	0	0	0	0	0	18	37	ł
Lowland Shrub	54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	54	ł
Mixed Upland Deciduous	0	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	19	ł
Northern Hardwood	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	946	946	ł
Upland Shrub	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22	ł
Urban	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	i
Water	74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74	ł
Total	163	16	0	0	33	7	14	5	17	0	0	0	0	0	0	0	0	1040	1295	ł



## **Report 2 – Treatment Summary**

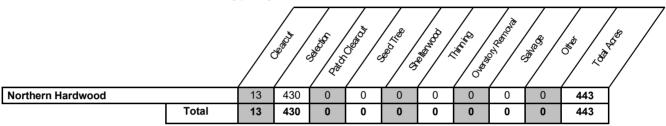
Baraga Mgt. Unit Year of Entry: 2027

#### **Acres of Harvest**

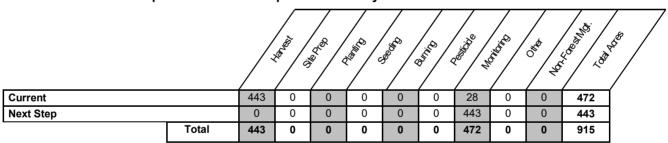
Compartment 31
Total Compartment Acres: 1,295

Commercial Harvest - 866 Harvests with Site Condition - 20 Next Step Harvest - 0 Habitat Cut - 0

## **Cover Type by Harvest Method**



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



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а
n

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

#### **Approved Treatments:**

 9
 11031006 60.0
 4111 - S.Maple,
 9
 109
 111 Harvest
 Selection
 411 - Northern
 Current
 No

 Selection
 Hard Mast
 140
 Hardwood
 Hardwood

Association

Prescription Selectively thin hardwoods to 70-90 square feet of basal area. Favor oak, hemlock, white pine and cedar where/if present. Oak should be

Specs: released on 3 sides to an average BA of 60 sqft. Follow all guidelines set forth in "The Complete Marker".

Next Step Monitoring, Natural Regen (Re-Inventory)

**Treatments:** 

Acceptable Any combination of the original stand's over story species prior to harvest.

Regen:

Other Retention: 3-10% BA will be the retention for this stand.

Comment:

Site Condition:

Proposed Start Date: 10/01/2026

11031008-9 109 111-Harvest Selection 411 - Northern Current No 9 32.8 4111 - S.Maple. Selection Hard Mast 140 Hardwood Association

Prescription Selectively thin hardwoods to 70-90 square feet of basal area. Favor oak, hemlock, white pine and cedar where/if present. Oak should be

Specs: released on 3 sides to an average BA of 60 sqft. Follow all guidelines set forth in "The Complete Marker".

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Any combination of the original stand's over story species prior to harvest.

Regen:

Other Retention: 3-10% BA will be the retention for this stand. Outcrop removed from treatment and site condition put on it. Adjust stands after sale

Comment: layout is completed. Bill Nicolls trail runs along east side of sale.

Site Condition:

Proposed Start Date: 10/01/2026

**9 11031009-** 52.6 4111 - S.Maple, 9 109 111- Harvest Selection 411 - Northern Current No **Selection** Hard Mast 140 Hardwood

Association

<u>Prescription</u> Selectively thin hardwoods to 70-90 square feet of basal area. Favor oak, hemlock, white pine and cedar where/if present. Oak should be <u>Specs:</u> released on 3 sides to an average BA of 60 sqft. Follow all guidelines set forth in "The Complete Marker".

Specs. Teleased of 3 sides to all average BA of obsquir. Follow all guidelines set fortiffit The Complete Marker.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Any combination of the original stand's over story species prior to harvest.

Regen:

Other Retention: 3-10% BA will be the retention for this stand. Outcrop removed from treatment and site condition put on it. Adjust stands after sale

Comment: layout is completed. Bill Nicolls trail runs along east side of sale.

Site Condition:

Proposed Start Date: 10/01/2026

s t			Baraga	a Mgt. Unit		Repor	t 3 '	Treatments		Compartmen Year of Entry		DNR DNR
a n d	Treatme Name		Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
14	110310 Select		70.1 N	4119 - Mixed Iorthern Hardwoods	9	109	111- 140	Harvest	Selection	411 - Northern Hardwood	Current	No
Specs	<u>s:</u> r	eleased	on 3 side	rdwoods to 70-90 s es to an average BA	of 60 sqft						ent. Oak sho	uld be
Next S Treatr	Step N ments:	1onitorir	ng, Natura	al Regen (Re-Invent	ory)							
Accer Reger		ny com	bination o	of the original stand	s over stor	y specie:	s prior to	harvest.				
Other Comn		Retentio	n: 3-10%	BA will be the reten	tion for this	s stand.						
	Condition:											
Propo	sed Start	: Date:	10/01/20	)26								
19	110310 Select		121.0 4	110 - Sugar Maple Association	9	109	141- 170	Harvest	Selection	411 - Northern Hardwood	Current	No
Presc Specs				rdwoods to 70-90 s es to an average BA							ent. Oak sho	uld be
Next S Treatr	Step N ments:	1onitorir	ng, Natura	al Regen (Re-Invent	ory)							
Accep Reger		ny com	bination o	of the original stand'	s over stor	y specie	s prior to	harvest.				
Other Comn		Retentio	n: 3-10%	BA will be the reten	tion for this	s stand.						
Site C	Condition:											
Propo	sed Start	Date:	10/01/20	026								
19	110310 Select		24.4 4	110 - Sugar Maple Association	9	109	141- 170	Harvest	Selection	411 - Northern Hardwood	Current	No
Presc Specs				rdwoods to 70-90 ses to an average BA							ent. Oak sho	uld be
Next S Treatr	Step N ments:	1onitorir	ng, Natura	al Regen (Re-Invent	ory)							
Accep Reger		ny com	bination o	of the original stand	s over stor	y specie:	s prior to	harvest.				
Other Comn		Retentio	n: 3-10%	BA will be the reten	tion for this	stand.						

Site Condition:

Proposed Start Date: 10/01/2026

24 11031024-59.2 4112 - Maple, 9 109 111-Harvest Selection 411 - Northern Current No Selection Beech, Cherry 140 Hardwood

Association

Prescription Selectively thin hardwoods to 70-90 square feet of basal area. Favor oak, hemlock, white pine and cedar where/if present. Oak should be released on 3 sides to an average BA of 60 sqft. Follow all guidelines set forth in "The Complete Marker". Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Any combination of the original stand's over story species prior to harvest.

Regen:

Retention: 3-10% BA will be the retention for this stand. Northwest corner of stand was dropped from treatment proposal due to **Other** Comment: terrain/access. Adjust stand layer after field work is completed. Needs corner request for monumentation (submitted 2/5/25)

Site Condition:

Proposed Start Date: 10/01/2026

Baraga Mgt. Unit Repo

Report 3 -- Treatments Compartment: 11031
Year of Entry: 2027

nt: 11031 ry: 2027

**Treatment** Acres Stand Size Stand BA **Treatment Treatment Cover Type** Age Habitat n Method Objective Structure Name Density Age CoverType Range Type Cut d 26 11031026-Cut 10.0 4119 - Mixed 111-Harvest Selection 411 - Northern Current Nο Hardwood Northern Hardwoods 140

<u>Prescription</u> Selectively thin hardwoods to 70-90 square feet of basal area. Favor oak, hemlock, white pine and cedar where/if present. Oak should be <u>Specs:</u> released on 3 sides to an average BA of 60 sqft. Follow all guidelines set forth in "The Complete Marker".

Next Step Monitoring, Other - Specify

Treatments:

Acceptable Any combination of the original stand's over story species prior to harvest.

Regen:

s

t a

Other Retention: 3-10% BA will be the retention for this stand. Eased access through Molpus Woodlands Group (LST Fund) via Challenge Mine

Comment: Road. Needs corner request for monumentation (submitted 2/5/25)

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

27 11031027-28.3 4111 - S.Maple, 8 109 51-80 Monitoring Monitoring -411 - Northern Current No Monitor Hard Mast Regeneration Hardwood Association

Prescription MWR Project

Specs: MSU crew will monitor site per study specs.

Next Step Treatments:

Acceptable Northern hardwoods

Regen:

Other Percent to Treat = 100%

Comment:

<u>Site Condition:</u> Research Study <u>Proposed Start Date:</u> 10/01/2025

34 11031034-13 1 4112 - Maple, 6 70 111-Harvest Clearcut 611 - Lowland **Planting** No Beech, Cherry **CCut** 140 **Deciduous Forest** Record Association

Prescription Harvest all species down to 4.6 inches DBH except red oak, cedar, hemlock and white pine. Also, reserve paper birch if present.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

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

Regen:

Other Retention: 3-10% BA will be the retention for this stand.

Comment:

Site Condition:

Proposed Start Date: 10/01/2026

Total Treatment 471.5 Acreage Proposed:

Baraga Mgt. Unit

Shaun Sullivan: Examiner

Compartment: 31
Year of Entry: 2027



Availa	ability for	Managemei	nt								
Total	Acres	Acres Avail	Acres	[	Domina	nt Sit	e Con	ditions	S		
Acres	Available	With Condition	Not Available		21	5C	5G	2F	2G	2H	3J
29	18	0	11	Hemlock					11		
3	0	0	3	Lowland Conifers						3	
97	32	5	60	Lowland Deciduous		5			6		55
37	11	0	26	Lowland Mixed Forest					8		18
54	54	0	0	Lowland Shrub							
19	19	0	0	Mixed Upland Deciduous							
860	760	50	50	Northern Hardwood	22		28	37			13
22	22	0	0	Upland Shrub							
13	13	0	0	Urban							
74	74	0	0	Water							
1,208	1,003	55	150	Total Forested Acres	22	5	28	37	25	3	85
	83%	5%	12%	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	Available	2I: Survey needed	22	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
2	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	10	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Riparian corridor						
3	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	17	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
2/4.6	2025 40:20:04 AM Dogg	4.44					HEINTZEI MA

Baraga Mgt. Unit Shaun Sullivan: Examiner Compartment: 31
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4	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	3	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Flowing water on 4	sides.					
5	Unavailable	2F: Too steep	15	2E: Road needed	Unspecified	Unspecified	Unspecified
	Comments:						
6	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	3	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Drain						
7	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	11	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
8	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	32	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
9	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	5	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
							UEINTZELMANG

Baraga Mgt. Unit Shaun Sullivan: Examiner Compartment: 31 Year of Entry: 2027



	Ondan Oc	illivali. Examiliei				-	WICHIGAN .
10	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	8	Unspecified	Unspecified	Unspecified	Unspecified
(	Comments:						
11	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	6	Unspecified	Unspecified	Unspecified	Unspecified
(	Comments:						
12	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	18	3D: Recreational/scenic values	Unspecified	Unspecified	Unspecified
(	Comments:						
13	Available	5G: Research Study	28	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Walters research p	arcel					
15	Unavailable	2F: Too steep	5	Unspecified	Unspecified	Unspecified	Unspecified
(	Comments:						
16	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	6	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: owland stand with	drain					
17	Unavailable	2F: Too steep	18	Unspecified	Unspecified	Unspecified	Unspecified
(	Comments:						

Baraga Mgt. Unit Shaun Sullivan: Examiner Compartment: 31
Year of Entry: 2027



09/16/2025 10:20:10 AM - Page 4 of 4

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				

Compartment: 31 Year of Entry: 2027

Stand	d Level 4 Co	over Type		Size Dei	nsity	Acres Stand Age I	BA Range	Managed Site		General Comments
1	4119 - Mixed No			Sawtimbe			81-110	N/A		Selection harvest by Accaiccia Forest Products from 2018-20. Sel. Cut completed Feb., 2001 by Northern hardwoods/Rossi.1/2//25 -
	Canopy Species		Size Class	DBH	Age	Sub-Canopy Species		Avg. Height	Size	Inventory completed
	Basswood	5		12		Ironwood	Low	5 - 10 feet	5 - 10 feet	
	Red Oak	30		18		Basswood	Low	10 - 20 feet	10 - 20 feet	
	Hemlock	1		12		White Ash	Low	10 - 20 feet	10 - 20 feet	
	Yellow Birch	5		14	100	Red Oak	Low	10 - 20 feet	10 - 20 feet	
	Sugar Maple	50		14	109	White Spruce	Low	10 - 20 feet	10 - 20 feet	
	Red Maple	9		14	50	Hemlock	Low	>20 feet	>20 feet	
						Sugar Maple	High	10 - 20 feet	10 - 20 feet	
2	622 - Low	land Shrub	)	Non	е	1.4		No		Beaver flooded timber.1/28/25 - Inventory completed
3	6119 - Mixed Lowla	ınd Decidu	ous Forest Po	letimber	Mediu	m 5.9 109	51-80	N/A	1	Beaver flooded timber1/28/25 - Inventory completed, die back within the stand.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	THE Stand.
	Balsam Fir	3	Seedling	5		Red Maple	Medium	10 - 20 feet	10 - 20 feet	
	Black Ash	40	Sapling	6	109	Tag Alder	Medium	5 - 10 feet	5 - 10 feet	
	Yellow Birch	15	Sapling	5		Black Ash	Medium	10 - 20 feet	10 - 20 feet	
	Red Maple	30	Seedling	8						•
	White Spruce	2	Sapling	5						
	Hemlock	10		12						
4	4111 - S.Maple, Ha	ard Mast A	ssociation S	Sawtimbe	er Well	59.2 109	81-110	N/A	Λ	Cut as part of Oak Patch 11-009-17-01. Finished in the winter of
	Canopy Species	0/ 0	<u> </u>		A		Density	Acces IIalada	Size	2019/20.1/28/25 - Inventory completed
		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Delisity	Avg. Height	Size	
	Basswood	% Cover	Size Class	14	Age	Sub-Canopy Species White Ash	Low	10 - 20 feet	10 - 20 feet	
	Basswood White Ash		Size Class		Age					
		5	Size Class	14	109	White Ash	Low	10 - 20 feet	10 - 20 feet	
	White Ash	5 5	Size Class	14 14		White Ash Yellow Birch	Low	10 - 20 feet 10 - 20 feet	10 - 20 feet 10 - 20 feet	
	White Ash Sugar Maple	5 5 55	Size Class	14 14 14		White Ash Yellow Birch Sugar Maple	Low Low Medium	10 - 20 feet 10 - 20 feet 10 - 20 feet	10 - 20 feet 10 - 20 feet 10 - 20 feet	
	White Ash Sugar Maple Red Maple	5 5 55 5	Size Class	14 14 14 12		White Ash Yellow Birch Sugar Maple Red Maple	Low Low Medium Low	10 - 20 feet 10 - 20 feet 10 - 20 feet 5 - 10 feet	10 - 20 feet 10 - 20 feet 10 - 20 feet 5 - 10 feet	
5	White Ash Sugar Maple Red Maple Yellow Birch Red Oak	5 5 55 5 5 5 25		14 14 14 12 10	109	White Ash Yellow Birch Sugar Maple Red Maple Red Oak White Spruce	Low Low Medium Low Low	10 - 20 feet 10 - 20 feet 10 - 20 feet 5 - 10 feet 10 - 20 feet	10 - 20 feet 10 - 20 feet 10 - 20 feet 5 - 10 feet 10 - 20 feet 5 - 10 feet	beaver flooded timber.
5	White Ash Sugar Maple Red Maple Yellow Birch Red Oak	5 5 55 5 25 Deciduous, ferous		14 14 14 12 10 16	109 Mediu	White Ash Yellow Birch Sugar Maple Red Maple Red Oak White Spruce	Low Low Medium Low Low Low Tow Low	10 - 20 feet 10 - 20 feet 10 - 20 feet 5 - 10 feet 10 - 20 feet 5 - 10 feet	10 - 20 feet 10 - 20 feet 10 - 20 feet 5 - 10 feet 10 - 20 feet 5 - 10 feet	beaver flooded timber.
5	White Ash Sugar Maple Red Maple Yellow Birch Red Oak 6117 - Lowland	5 5 55 5 25 Deciduous, ferous	Mixed Po	14 14 14 12 10 16	109 Mediu	White Ash Yellow Birch Sugar Maple Red Maple Red Oak White Spruce m 32.3 109	Low Low Medium Low Low Low Tow Low	10 - 20 feet 10 - 20 feet 10 - 20 feet 5 - 10 feet 10 - 20 feet 5 - 10 feet N/A	10 - 20 feet 10 - 20 feet 10 - 20 feet 5 - 10 feet 10 - 20 feet 5 - 10 feet	beaver flooded timber.
5	White Ash Sugar Maple Red Maple Yellow Birch Red Oak 6117 - Lowland Coni	5 5 5 5 5 25 Deciduous, ferous	Mixed Po	14 14 14 12 10 16 letimber	109 Mediu	White Ash Yellow Birch Sugar Maple Red Maple Red Oak White Spruce m 32.3 109  Sub-Canopy Species	Low Low Medium Low Low Low Density	10 - 20 feet 10 - 20 feet 10 - 20 feet 5 - 10 feet 10 - 20 feet 5 - 10 feet N/A	10 - 20 feet 10 - 20 feet 10 - 20 feet 5 - 10 feet 10 - 20 feet 5 - 10 feet 5 - 10 feet	beaver flooded timber.
5	White Ash Sugar Maple Red Maple Yellow Birch Red Oak 6117 - Lowland Coni Canopy Species White Ash	5 5 55 5 5 25 Deciduous, ferous	Mixed Po	14 14 14 12 10 16 letimber	109 Mediu	White Ash Yellow Birch Sugar Maple Red Maple Red Oak White Spruce m 32.3 109  Sub-Canopy Species Black Ash	Low Low Medium Low Low Low  51-80  Density Medium	10 - 20 feet 10 - 20 feet 10 - 20 feet 5 - 10 feet 10 - 20 feet 5 - 10 feet N/A  Avg. Height >20 feet	10 - 20 feet 10 - 20 feet 10 - 20 feet 5 - 10 feet 10 - 20 feet 5 - 10 feet 5 - 10 feet 5 - 20 feet	beaver flooded timber.
5	White Ash Sugar Maple Red Maple Yellow Birch Red Oak 6117 - Lowland Coni Canopy Species White Ash Black Ash	5 5 5 5 5 25 Deciduous, ferous **Cover 3 30	Mixed Po	14 14 14 12 10 16 letimber DBH 6	109 Mediu	White Ash Yellow Birch Sugar Maple Red Maple Red Oak White Spruce m 32.3 109  Sub-Canopy Species Black Ash Red Maple	Low Low Low Low Low Low  S1-80  Density Medium Medium	10 - 20 feet 10 - 20 feet 10 - 20 feet 5 - 10 feet 10 - 20 feet 5 - 10 feet N/A  Avg. Height >20 feet >20 feet	10 - 20 feet 10 - 20 feet 10 - 20 feet 5 - 10 feet 10 - 20 feet 5 - 10 feet 5 - 10 feet 5 - 20 feet >20 feet	beaver flooded timber.
5	White Ash Sugar Maple Red Maple Yellow Birch Red Oak 6117 - Lowland Coni Canopy Species White Ash Black Ash Sugar Maple Red Maple	5 5 5 5 5 25 Deciduous, ferous  **Cover  3 30 1 30	Mixed Po Size Class Sapling	14 14 14 12 10 16 letimber  DBH 6 8 10 10 10	109 Mediu <b>Age</b>	White Ash Yellow Birch Sugar Maple Red Maple Red Oak White Spruce m 32.3 109  Sub-Canopy Species Black Ash Red Maple White Spruce Hemlock	Low Low Medium Low Low Low  51-80  Density Medium Medium Low	10 - 20 feet 10 - 20 feet 10 - 20 feet 10 - 20 feet 5 - 10 feet 10 - 20 feet 5 - 10 feet  N/A  Avg. Height >20 feet >20 feet >20 feet >20 feet	10 - 20 feet 10 - 20 feet 10 - 20 feet 5 - 10 feet 10 - 20 feet 5 - 10 feet 5 - 10 feet 5 - 20 feet >20 feet >20 feet >20 feet >20 feet >20 feet	beaver flooded timber.
5	White Ash Sugar Maple Red Maple Yellow Birch Red Oak 6117 - Lowland Coni Canopy Species White Ash Black Ash Sugar Maple Red Maple Balsam Fir	5 5 5 5 5 25 Deciduous, ferous **Cover 3 30 1 30 5	Mixed Po Size Class Sapling Sapling	14 14 14 12 10 16 16 10 10 6	109 Mediu <b>Age</b>	White Ash Yellow Birch Sugar Maple Red Maple Red Oak White Spruce m 32.3 109  Sub-Canopy Species Black Ash Red Maple White Spruce	Low Low Medium Low Low S1-80  Density Medium Medium Low Medium Medium Medium	10 - 20 feet 10 - 20 feet 10 - 20 feet 5 - 10 feet 10 - 20 feet 5 - 10 feet N/A  Avg. Height >20 feet >20 feet >20 feet	10 - 20 feet 10 - 20 feet 10 - 20 feet 5 - 10 feet 10 - 20 feet 5 - 10 feet 5 - 10 feet 5 - 20 feet >20 feet >20 feet >20 feet	beaver flooded timber.
5	White Ash Sugar Maple Red Maple Yellow Birch Red Oak  6117 - Lowland Coni Canopy Species White Ash Black Ash Sugar Maple Red Maple Balsam Fir Yellow Birch	5 5 5 5 5 25 Deciduous, ferous <b>% Cover</b> 3 30 1 30 5 5	Mixed Po Size Class Sapling	14	109 Mediu <b>Age</b>	White Ash Yellow Birch Sugar Maple Red Maple Red Oak White Spruce m 32.3 109  Sub-Canopy Species Black Ash Red Maple White Spruce Hemlock	Low Low Medium Low Low S1-80  Density Medium Medium Low Medium Medium Medium	10 - 20 feet 10 - 20 feet 10 - 20 feet 10 - 20 feet 5 - 10 feet 10 - 20 feet 5 - 10 feet  N/A  Avg. Height >20 feet >20 feet >20 feet >20 feet	10 - 20 feet 10 - 20 feet 10 - 20 feet 5 - 10 feet 10 - 20 feet 5 - 10 feet 5 - 10 feet 5 - 20 feet >20 feet >20 feet >20 feet >20 feet >20 feet	beaver flooded timber.
5	White Ash Sugar Maple Red Maple Yellow Birch Red Oak 6117 - Lowland Coni Canopy Species White Ash Black Ash Sugar Maple Red Maple Balsam Fir	5 5 5 5 5 25 Deciduous, ferous **Cover 3 30 1 30 5	Mixed Po Size Class Sapling Sapling	14 14 14 12 10 16 16 10 10 6	109 Mediu <b>Age</b>	White Ash Yellow Birch Sugar Maple Red Maple Red Oak White Spruce m 32.3 109  Sub-Canopy Species Black Ash Red Maple White Spruce Hemlock	Low Low Medium Low Low S1-80  Density Medium Medium Low Medium Medium Medium	10 - 20 feet 10 - 20 feet 10 - 20 feet 10 - 20 feet 5 - 10 feet 10 - 20 feet 5 - 10 feet  N/A  Avg. Height >20 feet >20 feet >20 feet >20 feet	10 - 20 feet 10 - 20 feet 10 - 20 feet 5 - 10 feet 10 - 20 feet 5 - 10 feet 5 - 10 feet 5 - 20 feet >20 feet >20 feet >20 feet >20 feet >20 feet	beaver flooded timber.

Compartment: 31 Year of Entry: 2027



Stand	Level 4 Co	over Type	Size Density	Acres Stand Age B	A Range	Managed S	Site	General Comments
6	4111 - S.Maple, H	ard Mast Association	Sawtimber Well	60.0 109	111-140	N/A	4	1988 Rock Hole Hdwd, 11-010-07-01 Donken Hdwd Units TCR
	Canopy Species	% Cover Size Cla	ss DBH Age	Sub-Canopy Species	Density	Avg. Height	Size	9/11/2012.1/28/25 - inventory complete, stand is ready for treatment.
	Yellow Birch	5	11	Sugar Maple	High	10 - 20 feet	10 - 20 feet	
	Sugar Maple	63	14 109	Red Maple	Low	10 - 20 feet	10 - 20 feet	
	Red Maple	5	12 50	Yellow Birch	Low	10 - 20 feet	10 - 20 feet	
	Basswood	5	14	Ironwood	Low	10 - 20 feet	10 - 20 feet	
	White Ash	5	14	Red Oak	Low	10 - 20 feet	10 - 20 feet	
	Red Oak	15	16	White Spruce	Low	10 - 20 feet	10 - 20 feet	
	Hemlock	2	14	Hemlock	Low	>20 feet	>20 feet	
7	4111 - S.Maple, H	ard Mast Association	Sawtimber Well	79.2 109	81-110	N/A	4	Cut as part of Oak Patch 11-009-17-01. Finished in the winter of
	Canopy Species	% Cover Size Cla	ss DBH Age	Sub-Canopy Species	Density	Avg. Height	Size	2019/20.1/28/25 - Inventory completed
	Sugar Maple	64	12 109	Yellow Birch	Low	10 - 20 feet	10 - 20 feet	
	Red Maple	5	10	White Ash	Low	10 - 20 feet	10 - 20 feet	
	Red Oak	20	14	Sugar Maple	Medium	10 - 20 feet	10 - 20 feet	
	Yellow Birch	5	10	Red Maple	Low	5 - 10 feet	5 - 10 feet	
	Basswood	5	12	Red Oak	Low	10 - 20 feet	10 - 20 feet	
	White Ash	1 Seedli	ng 8	White Spruce	Low	5 - 10 feet	5 - 10 feet	
8	4111 - S.Maple, H	ard Mast Association	Sawtimber Well	38.5 109	111-140	N/A	Ą	Nicholls Trail Hdwd, completed over 2 Winters. Done by Spring 1 2002.Stand is adjacent to the Bill Nicholls snowmobile trail on the east
	Canopy Species	% Cover Size Cla	ss DBH Age	Sub-Canopy Species	Density	Avg. Height	Size	side.2/3/25 - inventory completed - ready to harvest. Part of stand has
	Yellow Birch	2	14	Sugar Maple	Medium	10 - 20 feet	10 - 20 feet	site condition for steepness.
	Basswood	3	14	Red Maple	Low	10 - 20 feet	10 - 20 feet	
	White Ash	5	14	Red Oak	Low	10 - 20 feet	10 - 20 feet	
	Red Oak	15	16	White Spruce	Low	10 - 20 feet	10 - 20 feet	
	Sugar Maple	65	14 109	Hemlock	Low	>20 feet	>20 feet	
	Red Maple	10	12	Yellow Birch	Low	10 - 20 feet	10 - 20 feet	
				Ironwood	Low	10 - 20 feet	10 - 20 feet	
9	4111 - S.Maple, H	ard Mast Association	Sawtimber Well	70.3 109	111-140	N/A	4	NORTH OF DRAINAGE VERY STEEP TERRAIN. PARTLY BLUFF.
	Canopy Species	% Cover Size Cla	ss DBH Age	Sub-Canopy Species	Density	Avg. Height	Size	Stand is adjacent to the Bill Nicholls snowmobile trail on the east side.  Harvested in 2007/08 as part of "NorthEnd Hardwoods" (11-011-07-
	Yellow Birch	2	12	Red Oak	Low	5 - 10 feet	5 - 10 feet	01)2/3/25 - Inventory completed - ready for treatment. Part of stand
	Red Oak	10	16	Yellow Birch	Low	5 - 10 feet	5 - 10 feet	has site condition for steepness.
	Hemlock	3	14	Ironwood	Low	10 - 20 feet	10 - 20 feet	
	Basswood	3	12	Sugar Maple	Medium	10 - 20 feet	10 - 20 feet	
	White Ash	2	12	Red Maple	Low	10 - 20 feet	10 - 20 feet	
	Sugar Maple	70	14 109			1	1	
	Red Maple	10	12					
10	320 - Up	l   O     -	None	11.4		No		Nicholls Trail ROW

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Stand	Level 4 C	over Type		Size De	nsity	Acres	Stand Age I	BA Range	Managed Sit	te	General Comments
11	320 - Up	land Shrub		Nor	ie	10.5			No		Double Pole Power line
12	122 - Road	d/Parking Lo	ot	Nor	ie	11.7			No		M-26 ROW
13	6220 - A	lder/Willow		Nor	ie	34.3			No		Drainage.2/3/25 - Inventory completed
14	4119 - Mixed No	orthern Hard	dwoods	Sawtimb	er Well	77.1	109	111-140	N/A		harvested in 2007/08 as part of "NorthEnd Hardwoods" (11-011-07-
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	01)This stand was not treated as part of MWR research. Treatment lineage is wrong.2/3/25 - Inventory complete. Ready for treatment -
	Sugar Maple	69		12	109	Bal	lsam Fir	Low	10 - 20 feet	10 - 20 feet	some die back in east corner of stand
	Red Maple	10		12		Iro	nwood	Low	10 - 20 feet	10 - 20 feet	
	White Pine	2		16		Wh	nite Pine	Low	10 - 20 feet	10 - 20 feet	
	Red Oak	5		14		Sug	ar Maple	Medium	10 - 20 feet	10 - 20 feet	
	White Spruce	3		14		Re	d Maple	Low	10 - 20 feet	10 - 20 feet	
	Hemlock	2		16		He	emlock	Low	>20 feet	>20 feet	
	Basswood	4		12							
	White Ash	2		12							
	Yellow Birch	3		12							
15	500 -	- Water		Nor	ie	15.2			No		DONKEN LAKE
15 16	500 - 6139 - Mixed		orest Po	Nor oletimber			50 l	Unspecified	No N/A		Sparsely forested lowland drainage, heavy to tag alder.2/3/25 -
	6139 - Mixed Canopy Species	Lowland Fo	Size Class	oletimber DBH		11.0 Sub-Car	nopy Species	Density	N/A Avg. Height	Size	
	6139 - Mixed  Canopy Species  Black Ash	Lowland Fo	Size Class Sapling	oletimber  DBH	Medium	11.0 Sub-Car			N/A	Size 5 - 10 feet	Sparsely forested lowland drainage, heavy to tag alder.2/3/25 -
	6139 - Mixed  Canopy Species  Black Ash  Balsam Fir	Lowland Fo	Size Class Sapling Sapling	oletimber  DBH  5 5	Medium	11.0 Sub-Car	nopy Species	Density	N/A Avg. Height		Sparsely forested lowland drainage, heavy to tag alder.2/3/25 -
	6139 - Mixed  Canopy Species  Black Ash  Balsam Fir  Tamarack	Lowland Fo	Size Class Sapling Sapling Sapling	DBH 5 5 5	Medium Age	11.0 Sub-Car	nopy Species	Density	N/A Avg. Height		Sparsely forested lowland drainage, heavy to tag alder.2/3/25 -
	6139 - Mixed  Canopy Species  Black Ash  Balsam Fir  Tamarack  Red Maple	Lowland Fo   % Cover   20   20   10   30	Size Class Sapling Sapling Sapling Sapling	DBH 5 5 5 5	Medium	11.0 Sub-Car	nopy Species	Density	N/A Avg. Height		Sparsely forested lowland drainage, heavy to tag alder.2/3/25 -
16	6139 - Mixed  Canopy Species  Black Ash  Balsam Fir  Tamarack  Red Maple  White Spruce	Cover   20   20   10   30   10	Size Class Sapling Sapling Sapling Sapling Sapling Sapling	DBH     5       5	Medium Age	11.0 Sub-Car	nopy Species	Density	N/A Avg. Height		Sparsely forested lowland drainage, heavy to tag alder.2/3/25 -
16	6139 - Mixed  Canopy Species  Black Ash  Balsam Fir  Tamarack  Red Maple	Lowland Fo   % Cover   20   20   10   30	Size Class Sapling Sapling Sapling Sapling	DBH 5 5 5 5	Medium Age	11.0 Sub-Car	nopy Species	Density	N/A Avg. Height		Sparsely forested lowland drainage, heavy to tag alder.2/3/25 -
16	6139 - Mixed  Canopy Species  Black Ash  Balsam Fir  Tamarack  Red Maple  White Spruce  rthern White Cedar	Cover   20   20   10   30   10	Size Class Sapling Sapling Sapling Sapling Sapling Sapling Sapling Sapling	DBH     5       5	Age 50	11.0 Sub-Car	nopy Species	Density	N/A Avg. Height		Sparsely forested lowland drainage, heavy to tag alder.2/3/25 -
16	6139 - Mixed  Canopy Species  Black Ash  Balsam Fir  Tamarack  Red Maple  White Spruce  rthern White Cedar	20 20 10 30 10 10 10	Size Class Sapling Sapling Sapling Sapling Sapling Sapling Sapling	DBH           5           5           5           5           5           5           5           5           5           5           5	Medium Age 50	11.0 <b>Sub-Car</b> Ta	nopy Species g Alder	Density	N/A  Avg. Height  5 - 10 feet		Sparsely forested lowland drainage, heavy to tag alder.2/3/25 - Inventory completed
16 No.	6139 - Mixed  Canopy Species  Black Ash  Balsam Fir  Tamarack  Red Maple  White Spruce  rthern White Cedar  622 - Low  6113 - Low  Canopy Species	Lowland Fo  % Cover  20  10  30  10  10  wland Shrub	Size Class Sapling Sapling Sapling Sapling Sapling Sapling Sapling	DIBH 5 5 5 5 5 5 5 Nor	Medium Age 50	11.0 Sub-Car Ta 18.0 5.1 Sub-Car	nopy Species ag Alder  60 Unopy Species	Full Unspecified	N/A  Avg. Height  5 - 10 feet  No	5 - 10 feet Size	Sparsely forested lowland drainage, heavy to tag alder.2/3/25 - Inventory completed  Tag alder drainage.
16 No. 17	6139 - Mixed  Canopy Species  Black Ash  Balsam Fir  Tamarack  Red Maple  White Spruce  rthern White Cedar  622 - Lov  6113 - Lov  Canopy Species  Yellow Birch	Lowland Fo  % Cover  20  10  30  10  10  wland Shrub	Size Class Sapling Sapling Sapling Sapling Sapling Sapling Sapling	DIBH  DBH  DBH  DBH  DBH  DBH	Medium  Age  50	11.0 Sub-Car Ta 18.0 5.1 Sub-Car	nopy Species  g Alder  60 U  nopy Species  Isam Fir	Full Unspecified	N/A  Avg. Height 5 - 10 feet  No  N/A  Avg. Height 10 - 20 feet	5 - 10 feet  Size  10 - 20 feet	Sparsely forested lowland drainage, heavy to tag alder.2/3/25 - Inventory completed  Tag alder drainage.
16 No. 17	6139 - Mixed  Canopy Species  Black Ash  Balsam Fir  Tamarack  Red Maple  White Spruce  rthern White Cedar  622 - Low  6113 - Low  Canopy Species  Yellow Birch  Quaking Aspen	Cover   20	Size Class Sapling Sapling Sapling Sapling Sapling Sapling Sapling Sapling Sapling	DBH  DBH  DBH  DBH  DBH	Medium  Age  50  eer Well  Age	11.0 Sub-Car Ta 18.0 5.1 Sub-Car Bal Rec	60 Unopy Species Isam Fir d Maple	Density Full  Unspecified Density	N/A  Avg. Height  5 - 10 feet  No  N/A  Avg. Height  10 - 20 feet  10 - 20 feet	5 - 10 feet Size	Sparsely forested lowland drainage, heavy to tag alder.2/3/25 - Inventory completed  Tag alder drainage.
16 No.	6139 - Mixed  Canopy Species  Black Ash  Balsam Fir  Tamarack  Red Maple  White Spruce  rthern White Cedar  622 - Lov  6113 - Lov  Canopy Species  Yellow Birch  Quaking Aspen  Red Maple	Lowland Formal Cover 20 20 10 10 10 10 Wland Shrub	Size Class Sapling Sapling Sapling Sapling Sapling Sapling Sapling Sapling	DBH	Medium  Age  50	11.0 Sub-Car Ta 18.0 5.1 Sub-Car Bal Rec	nopy Species  g Alder  60 U  nopy Species  Isam Fir	Density Full Unspecified Density Low	N/A  Avg. Height 5 - 10 feet  No  N/A  Avg. Height 10 - 20 feet	5 - 10 feet  Size  10 - 20 feet	Sparsely forested lowland drainage, heavy to tag alder.2/3/25 - Inventory completed  Tag alder drainage.
No. 17 18	6139 - Mixed  Canopy Species  Black Ash  Balsam Fir  Tamarack  Red Maple  White Spruce  rthern White Cedar  622 - Low  6113 - Low  Canopy Species  Yellow Birch  Quaking Aspen	Cover   20	Size Class Sapling Sapling Sapling Sapling Sapling Sapling Sapling Sapling Sapling	DBH	Medium  Age  50  eer Well  Age	11.0 Sub-Car Ta 18.0 5.1 Sub-Car Bal Rec	60 Unopy Species Isam Fir d Maple	Density Full Unspecified Density Low Low	N/A  Avg. Height  5 - 10 feet  No  N/A  Avg. Height  10 - 20 feet  10 - 20 feet	Size 10 - 20 feet 10 - 20 feet	Sparsely forested lowland drainage, heavy to tag alder.2/3/25 - Inventory completed  Tag alder drainage.

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Stand	Level 4 Co	over Type		Size De	nsity	Acres Stand Age	BA Range	Managed S	Site	General Comments
19	4110 - Sugar M	1aple Assoc	ciation	Sawtimb	er Well	121.0 109	141-170	N/A	A	Selection cut completed Fall, 2000 by Northern Hardwoods/Rossi,
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	s Density	Avg. Height	Size	Smokey Hdwds.2/3/25 - Inventory completed - ready to harvest
	Yellow Birch	5		10		Balsam Fir	Low	10 - 20 feet	10 - 20 feet	
	Basswood	3		12		Hemlock	Low	10 - 20 feet	10 - 20 feet	
	White Ash	2		12		White Pine	Low	10 - 20 feet	10 - 20 feet	
	Sugar Maple	70		14	109	Black Cherry	Low	10 - 20 feet	10 - 20 feet	
	Red Maple	5		12		Sugar Maple	High	10 - 20 feet	10 - 20 feet	
	Red Oak	3		12		Red Maple	Low	10 - 20 feet	10 - 20 feet	
	Hemlock	5		14		Ironwood	Medium	10 - 20 feet	10 - 20 feet	
	White Pine	2		12				1		
	Black Cherry	5		14						
20	6132 - Mixed Lowla	ınd Forest v	vith Cedar	Sapling	Poor	8.3 30	Immature	N/A	A	Old beaver pond, growing in.2/3/25 - inventory completed
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	s Density	Avg. Height	Size	
	Black Ash	10	Log	2		Tag Alder	Full	5 - 10 feet	5 - 10 feet	
	Tamarack	15	Log	2						
	Red Maple	40	Log	2	30					
	Black Spruce	10	Log	2						
No	thern White Cedar	25	Log	2						
21	6113 - Lov	wland Maple	е	Sapling	Poor	25.1 30	Immature	N/A	A	Drainage with saplings creeping in on edges.2/3/25 - inventory
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	s Density	Avg. Height	Size	completed
	Black Ash	25	Log	2		Tag Alder	Full	5 - 10 feet	5 - 10 feet	
	Red Maple	75	Log	2	30					
22	4110 - Sugar N	•		Sawtimb	er Well	24.4 109	141-170	N/A	4	BA 110-160 (2015) Fair amount of under brush. Selection cut completed Fall, 2000 by Northern hardwoods/Rossi, Smokey Hdwds.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	s Density	Avg. Height	Size	2/3/25 - Inventory completed
	Sugar Maple	70		14	109	Hemlock	Low	10 - 20 feet	10 - 20 feet	
	Red Maple	5		12		Ironwood	Medium	10 - 20 feet	10 - 20 feet	
	Basswood	3		12		Balsam Fir	Low	10 - 20 feet	10 - 20 feet	
				12		White Pine	Low	10 - 20 feet	10 - 20 feet	
	White Ash	2		12						
	White Ash Yellow Birch	5		12		Black Cherry	Low	10 - 20 feet	10 - 20 feet	
						Black Cherry Sugar Maple	Low High	10 - 20 feet 10 - 20 feet	10 - 20 feet 10 - 20 feet	
	Yellow Birch	5		12						
	Yellow Birch White Pine	5 2		12 16		Sugar Maple	High	10 - 20 feet	10 - 20 feet	
	Yellow Birch White Pine Black Cherry	5 2 5		12 16 12		Sugar Maple	High	10 - 20 feet	10 - 20 feet	

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Stand	Level 4 C	4 Cover Type		Size Density		Acres	Stand Age E	BA Range	Managed S	ite	General Comments
24	4112 - Maple, Beech, Cherry Association			Sawtimb	Sawtimber Well		109	111-140	N/A		2/4/25 - Inventory completed - ready to harvest. No corners present,
	Canopy Species	% Cover	Size Clas	s DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	survey request submitted 2/5/25.
	Yellow Birch	5		10		Sug	ar Maple	Medium	10 - 20 feet	10 - 20 feet	
	Basswood	5		12		Re	d Maple	Low	10 - 20 feet	10 - 20 feet	
	White Ash	1		10		Iro	nwood	Low	10 - 20 feet	10 - 20 feet	
	White Pine	2		16							-
	Red Oak	4		14							
	Hemlock	3		14							
	Sugar Maple	70		14	109						
	Red Maple	10		12	50						
25	500 -	- Water None		19.0			No	ı	ELEVENMILE LAKE. Old Fish Division rearing pond.		
26	4119 - Mixed No	orthern Hard	lwoods	Sawtimbe	er Well	21.5	109	111-140	N/A	\	Fringe around Eleven mile lake. Old Fish Division rearing
	Canopy Species	% Cover	Size Clas	s DBH	Age						pond.2/4/25 - Inventory completed. Stand is ready to harvest. No corners present, adjacent land owners ran to Approx. corners. Eased
	White Pine	5		16							access on Challenge Mine Road. Survey request submitted 2/5/25.
	Yellow Birch	5		14							
No	rthern White Cedar	5		12							
	Hemlock	10		16	50						
	Sugar Maple	70		14	109						
	Red Maple	5		14							
27	4111 - S.Maple, H	Hard Mast Association S		Sawtimber Medium		edium 28.3	109	51-80	N/A	١	2015: harvested in 2007/08 as part of "NorthEnd Hardwoods" (11-011-
	Canopy Species	% Cover	Size Clas	s DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	7 07-01)2018: Lake Effect MWR cut Spring 2018.2/3/25 - Inventory completed. Patch clearcuts are hit and miss on regen. Areas not treated
	Basswood	5		12		Н	emlock	Low	>20 feet	>20 feet	BA is 130 range.
	White Ash	5		12		Ва	lsam Fir	Low	10 - 20 feet	10 - 20 feet	
	Sugar Maple	55		12	109	Iro	nwood	Low	10 - 20 feet	10 - 20 feet	
	Red Maple	10		12		Sug	ar Maple	Medium	10 - 20 feet	10 - 20 feet	
	White Pine	3		16		Re	d Maple	Low	10 - 20 feet	10 - 20 feet	
	Yellow Birch	5		12		WI	nite Pine	Low	10 - 20 feet	10 - 20 feet	
	Red Oak	10		14							
	White Spruce	5		14							
	Hemlock	2		16							

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Stand	Level 4 Co	Level 4 Cover Type Size Density Acres Stand Age BA Range Managed Site		Site	General Comments					
28	4115 - Y.Birch, Hemlock NH			Sawtimber Well		2.9 109	111-140	N/A	A	Nicholls Trail Hdwd, completed over 2 Winters. Done by Spring 2002.Stand is adjacent to the Bill Nicholls snowmobile trail on the west
	Canopy Species	% Cover	Size Class		Age	Sub-Canopy Species	Density	Avg. Height	Size	side.2/3/25 - inventory completed - ready to harvest.
	Red Maple	50	Seedling	8	109	Red Maple	Low	10 - 20 feet	10 - 20 feet	
	Basswood	3		14		Balsam Fir	Low	10 - 20 feet	10 - 20 feet	
	Black Ash	5	Sapling	6		Yellow Birch	Low	10 - 20 feet	10 - 20 feet	
	Yellow Birch	20		10		Ironwood	Low	10 - 20 feet	10 - 20 feet	
	American Elm	2	Seedling	6						
	Balsam Fir	20	Sapling	6						
29	4112 - Maple, Beed	h, Cherry A	ssociation	Sawtimb	er Well	9.9 109	111-140	N/A	4	Drainage.1/28/25 - Inventory completed
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	
	Red Oak	5		18		White Ash	Low	10 - 20 feet	10 - 20 feet	
	Basswood	1		16		White Spruce	Low	10 - 20 feet	10 - 20 feet	
	White Ash	1		16		Hemlock	Low	10 - 20 feet	10 - 20 feet	
	Yellow Birch	5		10				1		1
	Balsam Fir	3	Seedling	5						
	Sugar Maple	55		16	109					
	Red Maple	30		14						
30	4199 - Other Mixe  Canopy Species	•	Size Class	Sawtimb DBH	Age	2.8 109  Sub-Canopy Species	111-140  Density	Avg. Height	Size	Wet ground.1/28/25 - Inventory completed
	Balsam Fir	5	Pole	4		Yellow Birch	Low	10 - 20 feet	10 - 20 feet	
	Yellow Birch	3		8		White Ash	Low	10 - 20 feet	10 - 20 feet	
	Black Spruce	11	Seedling	6		Red Maple	Low	5 - 10 feet	5 - 10 feet	
	Red Maple	40		14	109	White Spruce	Low	5 - 10 feet	5 - 10 feet	
	White Ash	1		8						•
	Black Ash	40	Seedling	8						
31	6117 - Lowland Deciduous, Mixed Coniferous		Mixed	Poletimb	er Well	16.6 70	111-140	N/A	A	Was set up for Donken Hdwd and never cut. E type that can be marked through. 1/28/29 - Inventory completed
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	
	Black Ash	26		8		Black Ash	Low	10 - 20 feet	10 - 20 feet	
	Yellow Birch	5		10		White Spruce	Low	10 - 20 feet	10 - 20 feet	
										4
	White Pine	1		10		Northern White Cedar	Low	10 - 20 feet	10 - 20 feet	
	White Pine Sugar Maple	1 1		10 10		Northern White Cedar Hemlock	Low	10 - 20 feet 10 - 20 feet	10 - 20 feet 10 - 20 feet	
					70					
	Sugar Maple	1		10	70	Hemlock	Low	10 - 20 feet	10 - 20 feet	
	Sugar Maple Red Maple	1 35		10 10	70	Hemlock Balsam Fir	Low	10 - 20 feet 10 - 20 feet	10 - 20 feet 10 - 20 feet	
No	Sugar Maple Red Maple Red Oak	1 35 1		10 10 10	70	Hemlock Balsam Fir Ironwood	Low Low Low	10 - 20 feet 10 - 20 feet 10 - 20 feet	10 - 20 feet 10 - 20 feet 10 - 20 feet	

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Stand	Level 4 C	over Type		Size Density		Acres	Stand Age B	A Range	Managed S	ite	General Comments
32	6124 - Lowland Spruce-Fir			Poletimber	Well 2.6		50 U	Inspecified	N/A		Small island stand.2/3/25 - Inventory completed
	Canopy Species	% Cover	Size Class	DBH A	ge	Sub-Can	opy Species	Density	Avg. Height	Size	
	Balsam Fir	25	Sapling	5	50	Red	Maple	Medium	10 - 20 feet	10 - 20 feet	
	Tamarack	5	Sapling	5		Bals	sam Fir	High	10 - 20 feet	10 - 20 feet	
	Red Maple	20	Sapling	5							-
	Black Ash	5	Sapling	5							
	White Spruce	20	Sapling	5							
	Black Spruce	5	Sapling	5							
No	orthern White Cedar	5	Sapling	5							
	Hemlock	5	Sapling	5							
	Yellow Birch	5	Sapling	5							
	Quaking Aspen	5	Sapling	5							
33	4199 - Other Mixe	d Upland D	eciduous	Sapling Me	dium	6.9	4	1-50	N/A		Cut as part of Oak Patch 11-009-17-01. Finished in the winter of
	Canopy Species	% Cover	Size Class	DBH A	ge						2019/20.1/28/25 - Inventory completed. Deep snow, should get better percentages in 10 years.
	Yellow Birch	2	Log	1							porountages in to yours.
	Sugar Maple	14	Log	1							
	Red Maple	40	Log	1	4						
	Red Oak	40	Log	1	4						
	Red Oak	2		14 1	09						
	Balsam Fir	2	Log	1							
34	4112 - Maple, Beed	ch, Cherry A	Association	Poletimber	Well	13.1		111-140	N/A		Pole stand with wet pockets throughout. Heavy patches of hemlock and cedar. 2/3/25 - Inventory completed
	Canopy Species	% Cover	Size Class	DBH A	ge	Sub-Can	opy Species	Density	Avg. Height	Size	Joseph Mitoricoly Completed
	Black Ash	5	Sapling	6			sam Fir	High	10 - 20 feet	10 - 20 feet	
	Red Oak	2		14		Suga	ır Maple	Medium	10 - 20 feet	10 - 20 feet	
	Hemlock	3		16			White Cedar	Low	10 - 20 feet	10 - 20 feet	
	Yellow Birch	3	Seedling	9			mlock	Low	10 - 20 feet	10 - 20 feet	
	Balsam Fir	2	Seedling	8		Yello	w Birch	Low	10 - 20 feet	10 - 20 feet	
	Sugar Maple	25	Seedling								
	Red Maple	48	Seedling		'0						
	White Pine	2		18							
	Black Cherry	10	Seedling	9							
35	4199 - Other Mixe	d Upland D	eciduous	Sapling Me	dium	5.2	4	1-50	N/A		Cut as part of Oak Patch 11-009-17-01. Finished in the winter of 2019/20.1/28/25 - Inventory completed. Deep snow, should get better
	Canopy Species	% Cover	Size Class	DBH A	ge						percentages in 10 years.
	Balsam Fir	2	Log	4							•
	Sugar Maple	14	Log		4						
	Red Maple	40	Log		4						
	Red Oak	2		16 1	09						
	Red Oak	40	Log	1	4						
	Yellow Birch	2	Log	1							

Compartment: 31 Year of Entry: 2027 DNR MICHIGAN

Jianu	Stand Level 4 Cover Type			Size Do	ensity	Acres Stand Age BA Range			Managed S	ite	General Comments	
36	4199 - Other Mixed Upland Deciduous		Saplin		1.2	4	1-50	N/A	<b>L</b>	Cut as part of Oak Patch 11-009-17-01. Finished in the winter of 2019/20.1/28/25 - Inventory completed. Deep snow depth, should get		
	Canopy Species		Size Class		I Age						better percentages in 10 years.	
	Yellow Birch	2	Log	1	400							
	Red Oak	2		16	109							
	Red Oak	40	Log	1	4							
	Sugar Maple	14	Log	1								
	Red Maple	40	Log	1	4							
	Balsam Fir	2	Log Mixed De	4	n Maraliuu	0.0	40	4.50	N1/4		Design fleeded timber 4/00/05	
37		erous			r Mediur	m 6.6	40	1-50	N/A		Beaver flooded timber.1/28/25 - Inventory completed	
	Canopy Species	% Cover	Size Class	DBI	I Age	Sub-Car	nopy Species	Density	Avg. Height	Size		
	Balsam Fir	25	Log	3		Bal	sam Fir	Low	10 - 20 feet	10 - 20 feet		
	Black Ash	30	Pole	4		Bla	ack Ash	Medium	10 - 20 feet	10 - 20 feet		
	Yellow Birch	5	Log	3			d Maple	Low	10 - 20 feet	10 - 20 feet		
	Red Maple	35	Log	3	40	Та	g Alder	Medium	5 - 10 feet	5 - 10 feet		
	White Spruce	3	Seedling	6		Whit	e Spruce	Low	10 - 20 feet	10 - 20 feet		
	Hemlock	2		14								
38	6117 - Lowland [ Conif	erous		Sawtimb		5.5	109	81-110	N/A		Very wet ground.1/28/25 - Inventory completed	
	Canopy Species	% Cover	Size Class		I Age	Sub-Car	nopy Species	Density	Avg. Height	Size		
	White Ash	5		14			sam Fir	Low	10 - 20 feet	10 - 20 feet		
	Black Ash	20					N A I -				•	
		29	Seedling	8	109		ar Maple	Low	10 - 20 feet	10 - 20 feet		
	Sugar Maple	1	Seedling	8 14			ar Maple d Maple	Low	10 - 20 feet	10 - 20 feet		
	Sugar Maple Red Maple		Seedling Seedling		109	Red	•					
		1		14		Red	d Maple	Low	10 - 20 feet	10 - 20 feet		
No	Red Maple	1 25		14 6		Rec Bla Yello	d Maple ack Ash	Low	10 - 20 feet 10 - 20 feet	10 - 20 feet 10 - 20 feet		
No	Red Maple White Spruce	1 25 5		14 6 10		Red Bla Yelld Whit	d Maple ack Ash ow Birch	Low Low	10 - 20 feet 10 - 20 feet 10 - 20 feet	10 - 20 feet 10 - 20 feet 10 - 20 feet		
No	Red Maple White Spruce orthern White Cedar	1 25 5 5		14 6 10 14		Red Bla Yelld Whit	d Maple ack Ash ow Birch e Spruce	Low Low Low	10 - 20 feet 10 - 20 feet 10 - 20 feet 10 - 20 feet	10 - 20 feet 10 - 20 feet 10 - 20 feet 10 - 20 feet		
No.	Red Maple White Spruce orthern White Cedar Hemlock	1 25 5 5 25 5	Seedling  Seedling	14 6 10 14 14	109	Red Bla Yelld Whit	d Maple ack Ash ow Birch e Spruce	Low Low Low	10 - 20 feet 10 - 20 feet 10 - 20 feet 10 - 20 feet	10 - 20 feet 10 - 20 feet 10 - 20 feet 10 - 20 feet 10 - 20 feet	M-26	
	Red Maple White Spruce orthern White Cedar Hemlock Yellow Birch	1 25 5 5 25 5 7 Parking Lo	Seedling  Seedling	14 6 10 14 14 8 No	109	Rec Bla Yell Whit He	d Maple ack Ash ow Birch e Spruce emlock	Low Low Low	10 - 20 feet 10 - 20 feet 10 - 20 feet 10 - 20 feet 10 - 20 feet	10 - 20 feet 10 - 20 feet 10 - 20 feet 10 - 20 feet 10 - 20 feet	M-26 H9 stand.2/4/25 - Inventory completed. Wetter ground in general.	
39	Red Maple White Spruce orthern White Cedar Hemlock Yellow Birch	1 25 5 5 25 5 Parking Lo	Seedling  Seedling	14 6 10 14 14 18 No	109	Rec Bla Yello Whit He 1.5	d Maple ack Ash ow Birch e Spruce emlock	Low Low Low Low	10 - 20 feet 10 - 20 feet 10 - 20 feet 10 - 20 feet 10 - 20 feet No	10 - 20 feet 10 - 20 feet 10 - 20 feet 10 - 20 feet 10 - 20 feet		
39	Red Maple White Spruce orthern White Cedar Hemlock Yellow Birch  122 - Road  42350 - Upla	1 25 5 5 25 5 Parking Lo	Seedling  Seedling  ot	14 6 10 14 14 18 No	109 ne	Rec Bla Yello Whit He 1.5	d Maple ack Ash ow Birch e Spruce emlock	Low Low Low Low Low Low	10 - 20 feet 10 - 20 feet 10 - 20 feet 10 - 20 feet 10 - 20 feet No	10 - 20 feet 10 - 20 feet 10 - 20 feet 10 - 20 feet 10 - 20 feet		
39	Red Maple White Spruce orthern White Cedar Hemlock Yellow Birch  122 - Road  42350 - Upla	1 25 5 5 25 5 WParking Lo	Seedling  Seedling  ot	14 6 10 14 14 8 No	109 ne	Rec Bla Yelli Whit He 1.5	d Maple ack Ash ow Birch e Spruce emlock  109  nopy Species	Low Low Low Low Low Desity	10 - 20 feet 10 - 20 feet 10 - 20 feet 10 - 20 feet 10 - 20 feet No N/A	10 - 20 feet 10 - 20 feet		
39	Red Maple White Spruce orthern White Cedar Hemlock Yellow Birch 122 - Road 42350 - Upla Canopy Species Sugar Maple	1 25 5 5 25 5 7 27 27 28 28 29 29 29 29 29 29 29 29 29 29 29 29 29	Seedling  Seedling  ot	14 6 10 14 14 8 No	109 ne	Rec Bla Yell Whit He 1.5	d Maple ack Ash ow Birch e Spruce emlock  109  nopy Species	Low Low Low Low Low Density Low	10 - 20 feet 10 - 20 feet 10 - 20 feet 10 - 20 feet 10 - 20 feet No N/A Avg. Height 10 - 20 feet	10 - 20 feet 10 - 20 feet 10 - 20 feet 10 - 20 feet 10 - 20 feet Size 10 - 20 feet		
39	Red Maple White Spruce orthern White Cedar Hemlock Yellow Birch  122 - Road  42350 - Upla  Canopy Species Sugar Maple Red Maple	1 25 5 5 25 5 7 Parking Lo	Seedling  Seedling  ot	14 6 10 14 14 8 No  Sawtimb  DBI 10 8	109 ne	Rec Bla Yell Whit He 1.5	d Maple ack Ash ow Birch e Spruce emlock  109 nopy Species nwood ar Maple	Low	10 - 20 feet 10 - 20 feet 10 - 20 feet 10 - 20 feet 10 - 20 feet No N/A Avg. Height 10 - 20 feet 10 - 20 feet	10 - 20 feet 10 - 20 feet Size 10 - 20 feet 10 - 20 feet		
39	Red Maple White Spruce orthern White Cedar Hemlock Yellow Birch  122 - Road  42350 - Upla  Canopy Species Sugar Maple Red Maple White Spruce	1 25 5 5 25 5 7 27 25 1	Seedling  Seedling  ot	14 6 10 14 14 8 No Sawtimb 10 8 10	109 ne	Rec Bla Yello Whit He 1.5	d Maple ack Ash ow Birch e Spruce emlock  109 nopy Species nwood ar Maple d Maple	Low	10 - 20 feet No N/A  Avg. Height 10 - 20 feet 10 - 20 feet 10 - 20 feet	10 - 20 feet 10 - 20 feet		
39	Red Maple White Spruce orthern White Cedar Hemlock Yellow Birch  122 - Road  42350 - Upla  Canopy Species Sugar Maple Red Maple White Spruce orthern White Cedar	1 25 5 5 5 25 5 7 25 10 10 10 10 10 10 10 10 10 10 10 10 10	Seedling  Seedling  ot	14 6 10 14 14 8 No  Sawtimb  DBI 10 8 10 10 10	ne ver Well 1 Age 50	Rec Bla Yelli Whit He 1.5	d Maple ack Ash ow Birch e Spruce emlock  109 nopy Species nwood ar Maple d Maple sam Fir	Low	10 - 20 feet	10 - 20 feet 10 - 20 feet		

Report 7 – Stands

Compartment: 31
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DNR DNR BROWN

Stand	Level 4 Cover Type			Size Der	sity	Acres Stand Age	BA Range	Managed S	Site	General Comments
41	6131 - Hemlock, White Pine, Maple, Birch			Poletimbe	r Well	17.9 109	111-140	N/A	A	2/4/25 - Inventory completed
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Specie	s Density	Avg. Height	Size	
	Tamarack	5		10		Balsam Fir	Low	10 - 20 feet	10 - 20 feet	*
	Yellow Birch	15	Seedling	8		Yellow Birch	Medium	10 - 20 feet	10 - 20 feet	
	White Spruce	10		12		Hemlock	Medium	10 - 20 feet	10 - 20 feet	*
No	orthern White Cedar	5		10		Sugar Maple	Low	10 - 20 feet	10 - 20 feet	
	Hemlock	25		14	109	Red Maple	Medium	10 - 20 feet	10 - 20 feet	*
	Sugar Maple	10	Seedling	8			·			•
	Red Maple	20	Seedling	8	50					
	Basswood	5	Seedling	8						
	Black Ash	5		10						
42	4199 - Other Mixe	ed Upland D	eciduous	Sapling M	edium	3.0 4	1-50	N/A	A	Cut as part of Oak Patch 11-009-17-01. Finished in the winter of 2019/20.1/28/25 - Inventory completed. Deep snow, hard to see the
	Canopy Species	% Cover	Size Class	DBH	Age					regen as its only 4 years of growth. Should be more accurate numbers
	Balsam Fir	2	Pole	4						in 10 years.
	Sugar Maple	14	Log	1	4					
	Red Maple	40	Log	1	4					
	Yellow Birch	2	Log	1						
	Red Oak	2		16	109					
	Red Oak	40	Log	1	109					
43	4312 - Hemlock	k, Mixed Ded	ciduous	Sawtimbe		6.2 109	81-110	N/A	A	Selection harvest by Accaiccia Forest Products from 2018-20. Sel. Cut completed Feb., 2001 by Northern hardwoods/Rossi.1/2//25 -
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Specie	s Density	Avg. Height	Size	Inventory completed - stand split out from stand 1
	Basswood	5		12		White Ash	Low	10 - 20 feet	10 - 20 feet	, ·
	Yellow Birch	5		14		White Spruce	Low	10 - 20 feet	10 - 20 feet	
	Red Oak	5		18		Hemlock	Low	>20 feet	>20 feet	
	Hemlock	50		12	109	Sugar Maple	Low	10 - 20 feet	10 - 20 feet	
	Sugar Maple	10		14						
	Red Maple	25		14						
44	4119 - Mixed No	orthern Hard	dwoods	Sawtimbe	r Well	0.4 109	81-110	N/A	4	harvested in 2007/08 as part of "NorthEnd Hardwoods" (11-011-07-
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Specie	s Density	Avg. Height	Size	of 01)This stand was not treated as part of MWR research. Treatment lineage is wrong.2/3/25 - Inventory complete.
	White Ash	10	Sapling	6		White Pine	Low	10 - 20 feet	10 - 20 feet	, J =,p
	Black Ash	20	Sapling	5		Balsam Fir	Low	10 - 20 feet	10 - 20 feet	
	Red Maple	65	Sapling	6	109	Ironwood	Low	10 - 20 feet	10 - 20 feet	
	White Spruce	3	Sapling	6		Red Maple	Low	10 - 20 feet	10 - 20 feet	†
	Hemlock	2		16						<u>.</u>

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Stan	Level 4 Cover Type			Size De	ensity	Acres Stand Age	Managed S	Site	General Comments	
45	42350 - Up	land Hemlo	ock	Poletimber Well		11.4 70	111-140	111-140 N/A		Pole stand with wet pockets throughout. Heavy patches of hemlock and
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Canopy Species	s Density	Avg. Height	Size	cedar. 2/3/25 - Inventory completed - stand was split out from stand 34 due to covertype.
	Black Ash	5	Sapling	6		Balsam Fir	High	10 - 20 feet	10 - 20 feet	
	Balsam Fir	2	Seedling	8		Northern White Cedar	Low	10 - 20 feet	10 - 20 feet	
	White Pine	2		18		Hemlock	Low	10 - 20 feet	10 - 20 feet	
	Black Cherry	10	Seedling	9						-
	Red Maple	20	Seedling	9	70					
	Yellow Birch	3	Seedling	9						
	White Spruce	3		8						
	Hemlock	55		16	70					
46	4112 - Maple, Beech, Cherry Association Sawtimber Wel					14.7 109	111-140	N/A	4	2/4/25 - Inventory completed - ready to harvest but due to terrrain and
	Canopy Species	% Cover	Size Class	ss DBH Age		Sub-Canopy Species	s Density	Avg. Height	Size	access delay treatment site condition put on it.
	Basswood	5		12		Ironwood	Low	10 - 20 feet	10 - 20 feet	
	White Ash	1		10		Sugar Maple	Medium	10 - 20 feet	10 - 20 feet	
	White Pine	2		16		Red Maple	Low	10 - 20 feet	10 - 20 feet	
	Yellow Birch	5		10						_
	Sugar Maple	70		14	109					
	Red Maple	10		12	50					
	Red Oak	4		14						