

Compartment Review Presentation

Baraga Forest Management Unit

Compartment 11023 Entry Year 2025 Acreage: 255

County Baraga

Management Area: Michigamme Highlands

Stand Examiner: Fred Hansen

Legal Description:

Baraga County, Covington Township. T48N R33W Sec 26, 27, and 34.

Identified Planning Goals:

Covington / Ned Lake (4.10)

To maintain a healthy; sustainable forest with special consideration to wildlife habitat, fisheries habitat, and recreational needs while ensuring water protection for King Lake and Little King Lake.

Soil and topography:

The compartment is level to rolling. Soils are Champion Michigamme cobbly silt loam, Witbeck-Tacoosh complex, Dawson and Greenwood peats, Carbondale and Tacoosh mucks, Michigamme-Rock outcrop and Champion cobbly silt loam.

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

The surrounding lands are owned by both private individuals and industry. The private individual lands are used primarily for hunting and recreation. The industry lands are managed for timber. The state land in this compartment is fragmented. The islands in King Lake are state owned.

Unique Natural Features:

Eagles nest on the islands in King Lake and shoreline.

Archeological, Historical, and Cultural Features:

None listed.

Special Management Designations or Considerations:

None listed.

Watershed and Fisheries Considerations:

None listed.

Wildlife Habitat Considerations:

Compartment 23 is found in the Covington/Ned Lake Management Area is mostly on a Ground Moraines in Southern Baraga County. The dominant Natural Communities are mesic northern forests and poor conifer swamps. Major forest cover types include Northern Hardwood, Mixed Lowland Conifer, and Lowland Brush. Wildlife management issues in the management area are mast (hard and soft); habitat fragmentation; course woody debris; large living and dead standing trees (for cavities); mesic conifer; mature forest; within stand diversity; and early successional forest (hardwood browse adjacent to closed canopy lowland conifer swamps). This management area is the heart of WUP moose country due the spatial arrangement of lowlands and uplands and the provision of summer and winter thermal cover near aquatic feeding sites.

The following have been identified, as featured species for the Covington/Ned Lake Management Area: American Marten, Black Bear, Gray Jay, Moose, and Northern Goshawk.

Mineral Resource and Development Concerns and/or Restrictions

Surface sediments consist of coarse-textured glacial till, some areas thin, and to the south an end moraine of coarse-textured till. There is insufficient data to determine the glacial drift thickness. The Precambrian Michigamme Formation subcrops below the glacial drift. There is not a current economic use for the Michigamme. The nearest gravel pits are located in Sections 23 & 24 and potential appears to be good. The closest iron mines are located six miles to the north and are abandoned. None of the State land in this area has been leased for metallic exploration. There is no economic oil and gas production in the UP.

Vehicle Access:

The King Lake county road passes through the eastern portion of the compartment and ends and the King Lake State Forest Campground. The remainder of the access is from logging roads.

Survey Needs:

No survey wor needed.

Recreational Facilities and Opportunities:

King Lake State Forest Campground is in this compartment.

Fire Protection:

This is not a fire prone area.

Additional Compartment Information:

There are no proposed SCA's for this compartment.

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

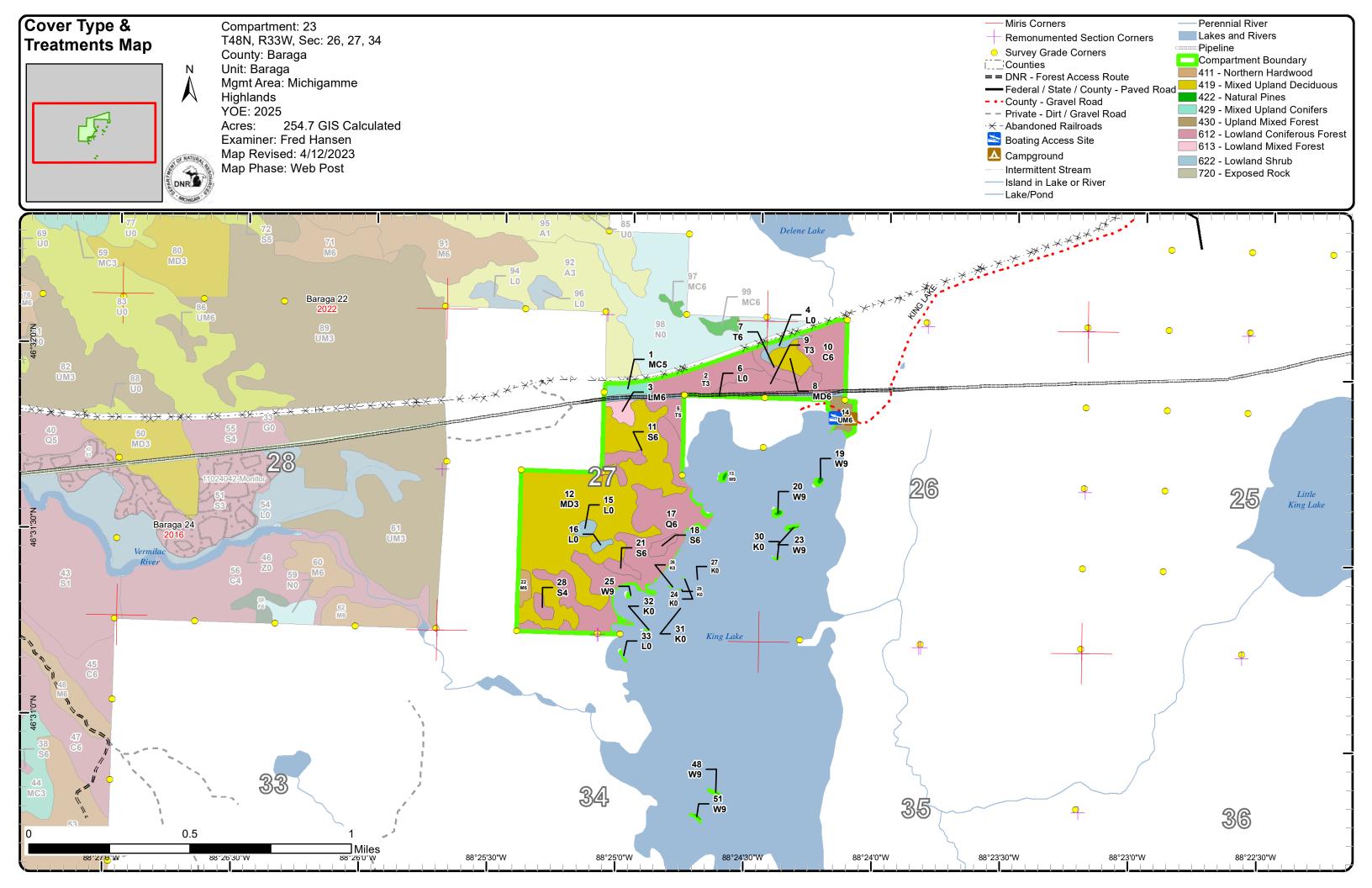
The following information is displayed, where pertinent, on the attached compartment maps:

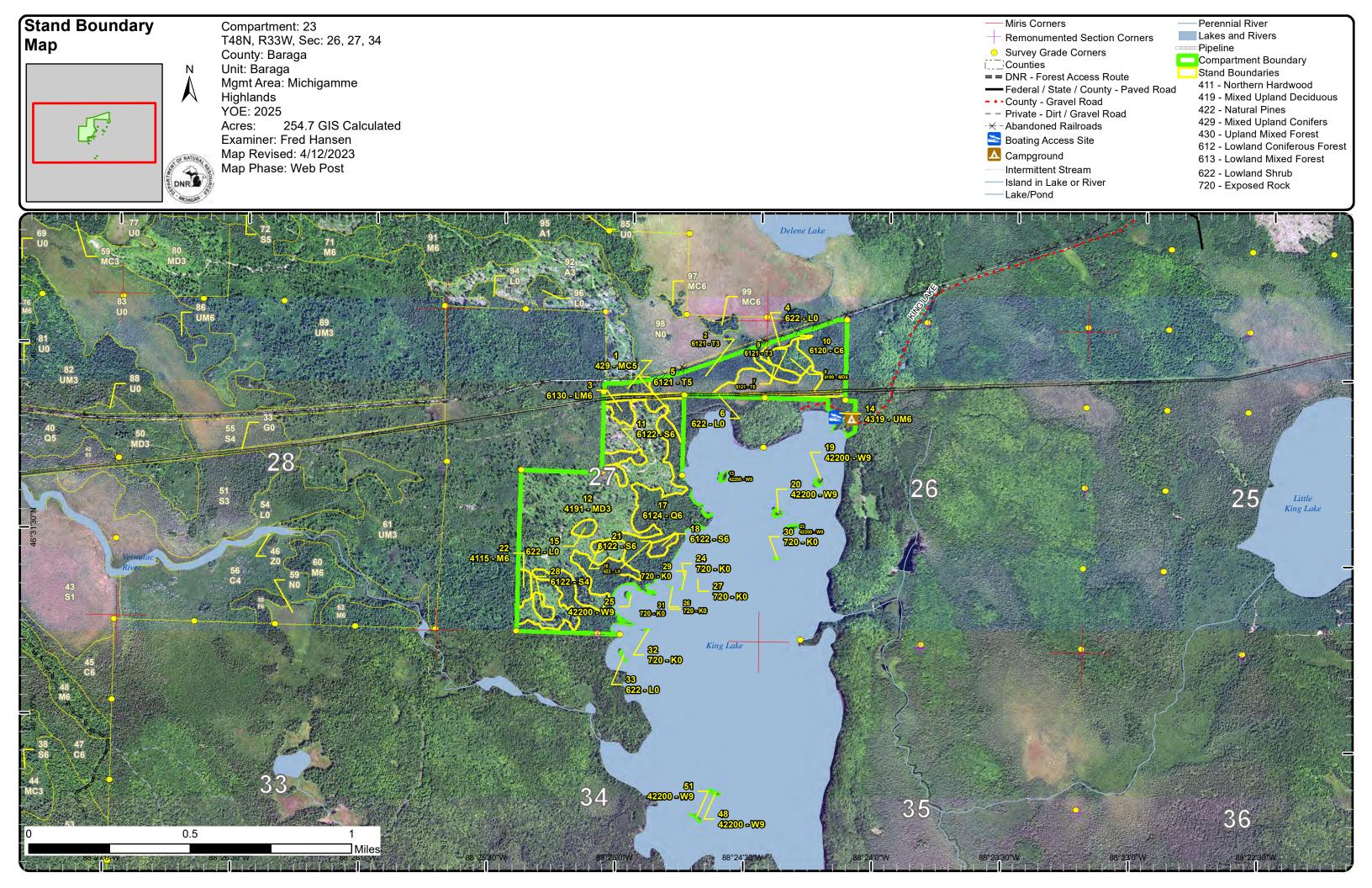
Base feature information, stand boundaries, cover types, and numbers

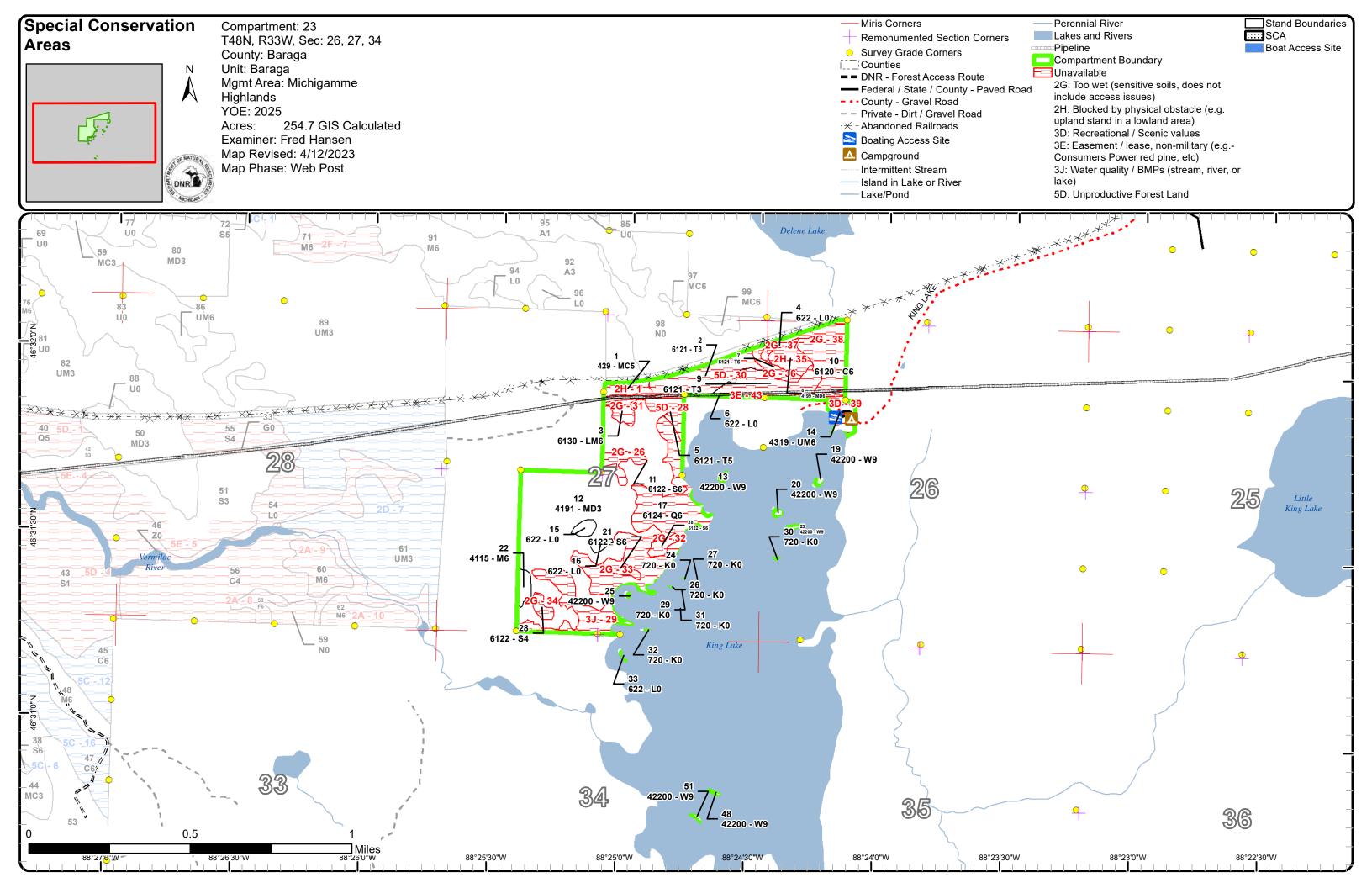
Proposed treatments

Site condition boundaries

Details on the road access system







Compartment 23 Year of Entry 2025

Fred Hansen: Examiner

Baraga Mgt. Unit



Age Class

	*gr		8° / 2	\$ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	A A	3 / \$		% } /&		\$ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \			70,	\$ \{ \frac{1}{2} \}			B. J.	S Jule	TO TO
Cedar	0	0	0	0	0	0	0	0	0	0	0	0	15	0	0	0	0	0	15
Exposed Rock	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lowland Conifers	0	0	0	0	0	0	0	0	0	0	59	0	0	0	0	0	0	0	59
Lowland Mixed Forest	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	3
Lowland Shrub	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11
Lowland Spruce/Fir	0	0	0	0	0	0	0	0	4	2	0	5	0	0	0	0	0	0	10
Mixed Upland Deciduous	0	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	105
Northern Hardwood	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3
Tamarack	0	0	0	0	0	0	0	0	0	5	0	15	15	0	0	0	0	0	34
Upland Conifers	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	4
Upland Mixed Forest	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	6
White Pine	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	3
Total	12	0	100	0	0	0	0	4	7	13	62	20	30	0	0	0	0	8	253



Report 2 – Treatment Summary

Baraga Mgt. Unit Year of Entry: 2025

Acres of Harvest

Compartment 23
Total Compartment Acres: 255

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

s t			Mgt. Unit		Repor	t3	Treatments		Compartme Year of Entr		OF NATURAL PRODURA OF NATURAL PROPERTY OF NATU
a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut

Total Treatment Acreage Proposed: 0

Baraga Mgt. Unit

Fred Hansen: Examiner

Availa	ability for	Managemer	nt							
Total	Acres	Acres Avail	Acres		Domina	nt Site	e Con	ditions	S	
Acres	Available	With Condition	Not Available		2G	2H	3D	3E	3J	5D
15	0	0	15	Cedar	15					0
1	1	0	0	Exposed Rock						
59	0	0	59	Lowland Conifers	0				59	0
3	0	0	3	Lowland Mixed Forest	3			0		
11	3	0	8	Lowland Shrub	2	0		6		0
11	0	0	11	Lowland Spruce/Fir	11				0	
105	100	0	5	Mixed Upland Deciduous	0	5			0	
3	3	0	0	Northern Hardwood						
34	0	0	34	Tamarack	4	0				31
4	0	0	4	Upland Conifers		4				
6	0	0	6	Upland Mixed Forest			6			
3	3	0	0	White Pine						
255	110		144	Total Forested Acres	35	9	6	6	59	31
	43%		56%	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.

	Dominant Site Cond Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
1	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	4	Unspecified	Unspecified	Unspecified	Unspecified
(Comments:						
20	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	21	Unspecified	Unspecified	Unspecified	Unspecified
(Comments:						

Report 4 – Site Conditions

Baraga Mgt. Unit

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22	Unavailable	2G: Too wet (sensitive 14 Unspecified soils, does not include access issues)		Unspecified	Unspecified	Unspecified	Unspecified
C	comments:						
26	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	4	Unspecified	Unspecified	Unspecified	Unspecified
C	comments:						
28	Unavailable	5D: Unproductive Forest Land	5	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
C	comments:						
29	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	59	3B: Threatened, endangered, and special concern species	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified
C	comments:						
30	Unavailable	5D: Unproductive Forest Land	26	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
C	comments:						

Report 4 – Site Conditions

Baraga Mgt. Unit

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31	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	3	Unspecified	Unspecified	Unspecified	Unspecified
(Comments:						
32	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	2	3J: Water quality / BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
(Comments:						
33	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	2	Unspecified	Unspecified	Unspecified	Unspecified
(Comments:						
34	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	2	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
35	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	5	Unspecified	Unspecified	Unspecified	Unspecified
(Comments:						

Report 4 – Site Conditions

Baraga Mgt. Unit Fred Hansen: Examiner

36	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	4	Unspecified	Unspecified	Unspecified	Unspecified
(Comments:						
37	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	2	Unspecified	Unspecified	Unspecified	Unspecified
(Comments:						
38	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	15	Unspecified	Unspecified	Unspecified	Unspecified
(Comments:						
39	Unavailable	3D: Recreational / Scenic values	6	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: King Lake SFCG						
43	Unavailable	3E: Easement / lease, non- military (e.g Consumers Power red pine, etc)	6	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: pipeline						

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.

Comments	

Baraga Mgt. Unit Compartment: 23





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 of stocked trout populations and those of other coldwater fis conditions for coldwater fishes may occur in Michigan lak groundwater inflows, or are located in colder (northern) at Director's action and designated as trout resources by Fisher	sh species to persist from year to year. Suitable es if they are relatively deep, have substantial reas of the state. Such lakes are established by
SCA	Cold Water Stream	A coldwater stream has temperature and dissolved oxyge stocked trout populations and those of other coldwater fis year to year. Coldwater streams in Michigan typically provontributions of groundwater to their stream flows. Such stream as trout resources by Fisheries Order 210.	sh species (e.g., slimy sculpin) to persist from vide these conditions due to substantial



Stan	d Level 4 C	over Type	!	Size De	nsity	Acres	Stand Age	BA Range	Managed S	Site	General Comments
1	429 - Mixed U	Jpland Con	ifers Po	letimber	Medium	3.5	61	51-80	N/A		2015: Stand was prescribed in 2005 rotation and was supposed to be cut
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Can	nopy Species	Density	Avg. Height	Size	with King Lake Fir, but was not included for some reason. Stand was also prescribed to be harvested in 2015 and was intended to be negotiated with
	Red Maple	20	Pole	8		Bal	sam Fir	Full	Variable	Sapling	King Fir Hdwds to the north. Negotiations fell through and stand was not
	Paper Birch	10	Pole	8					I		harvested, because the producer did not want to cross the railroad.
	Balsam Fir	25	Pole	6	61						
	Black Spruce	10	Pole	6							
	White Spruce	20	Pole	8							
	White Pine	15	Log	16							
2	6121 -	Tamarack		Sapling	Well	14.9	107	Unspecified	N/A		2023: Did not Look at in 2023.
	Canopy Species	% Cover	Size Class	DBH	Age						
	Black Spruce	10	Sapling	4							
	Tamarack	90	Sapling/Pole	4	107						
3	6130 - Fir, <i>i</i>	Aspen, Map	ole F	Poletimb	er Well	3.1	71	Unspecified	N/A		2023: Did not Look at in 2023.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Can	nopy Species	Density	Avg. Height	Size	
	Paper Birch	20	Pole	6		Will	ow spp.	Low	Variable	Sapling	
	Red Maple	20	Pole	6		Balsa	ım Poplar	Low	Variable	Sapling	
	Quaking Aspen	10	Pole	8		Pap	er Birch	Medium	Variable	Sapling	
	White Spruce	10	Pole	6		Red	d Maple	Medium	Variable	Sapling	
	Balsam Fir	40	Pole	6	71						
4	622 - Lov	vland Shrub)	Nonsto	cked	2.2		Unspecified	No		2023: Did not Look at in 2023.
5	6121 - ⁻	Tamarack	Ро	letimber	Medium	4.7	87	Unspecified	N/A		2023: Did not Look at in 2023.
	Canopy Species	% Cover			Age						
	Black Spruce	5	Pole	6							
	White Pine	5	Log	16							
	Black Ash	40	Pole	5							
	Tamarack	50	Sapling/Pole	4	87						
6	622 - Lov	vland Shrub)	Nonsto	cked	5.9		Unspecified	No		2023: Did not Look at in 2023.
7	6121 -	Tamarack	F	Poletimb	er Well	3.5	111	Unspecified	N/A		2023: Did not Look at in 2023.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	
	Tamarack	85	Pole	8	111	Northern	White Cedar	Low	Variable	Sapling	
	Black Spruce	10	Pole	6		Tar	marack	Low	Variable	Sapling	
N	orthern White Cedar	5	Pole	8		Tag	g Alder	Full	10 - 20 feet	Tall Shrub	



Stand	Level 4 C	over Type		Size Density	Acres	Stand Age I	BA Range	Managed S	ite	General Comments
8	4199 - Other Mixe	d Upland D	eciduous I	Poletimber Well	5.4	81	81-110	N/A		Stand is silvicuturally ready to be harvested but has no access and is small
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	acreage. Birch is in the process of dying out. Factor Limit. 2023: Did not Look at in 2023.
	Red Maple	30	Pole	8	Re	ed Maple	Low	Variable	Sapling	
	Quaking Aspen	5	Log	12	Ва	alsam Fir	Full	Variable	Sapling	
	Balsam Fir	10	Pole	6						
	White Pine	5	XLog/Log	20						
	Sugar Maple	10	Log/Pole	8						
	Paper Birch	40	Log/Pole	10 81						
9	6121 -	Tamarack		Sapling Well	11.0	111 l	Jnspecified	N/A		2023: Did not Look at in 2023.
	Canopy Species	% Cover	Size Class	DBH Age						
	Black Spruce	10	Sapling/Pole	4						
	Tamarack	90	Sapling/Pole	4 111						
10	6120 - Lo	wland Ceda	r i	Poletimber Well	15.3	111 l	Jnspecified	N/A		2013: Ash is dying out.
	Canopy Species	% Cover	Size Class	DBH Age						2023: Did not Look at in 2023.
	Red Maple	5	Sapling/Pole	4						
	Paper Birch	3	Sapling/Pole	4						
	Black Spruce	15	Sapling/Pole	4						
No	orthern White Cedar	70	Pole	7 111						
	Black Ash	5	Pole/Log	10						
	White Pine	2	XLog/Log	20						
11	6122 - BI	ack Spruce	I	Poletimber Well	4.0	79 l	Jnspecified	N/A		2013: Ground is too wet for a harvest. 2023: Did not Look at in 2023.
	Canopy Species	% Cover	Size Class	DBH Age		nopy Species	Density	Avg. Height	Size	2023. Did flot Look at iii 2023.
	Red Maple	10	Pole	6		ed Maple	Low	Variable	Sapling	
	Red Oak	5	Pole/Log	12		alsam Fir	Full	Variable	Sapling	
	Paper Birch	10	Pole	6		ck Spruce	Full	Variable	Sapling	
	Balsam Fir	10	Pole	5	Ta	ag Alder	Medium	10 - 20 feet	Tall Shrub	
	White Pine	5	XLog	20						
	Black Spruce	55	Pole	6 79						
	Tamarack	5	Pole	8						



Stand	Level 4 C	over Type		Size Density	Acres	Stand Age	BA Range	Managed Si	ite	General Comments
12	4191 - Mixed Upl Co	and Decidud	ous with	Sapling Well	100.0	11	Immature	N/A		Cut in the winters of 2012 and 2013 as"King Lake Fir 2" 11-020-08-01. 2023; Road is 77% grown in.
	Canopy Species	% Cover	Size Class	DBH Age						
	White Spruce	5	Sapling	1						
	Balsam Fir	20	Sapling	1						
	White Pine	3	Sapling	1						
	Paper Birch	24	Sapling	1 11						
	Red Oak	5	Sapling	1 11						
	Black Cherry	1	Sapling	1 11						
	Red Oak	3	Log	12						
	Hemlock	2	Log	14						
	Red Maple	15	Sapling	1						
	White Pine	2	Log	16						
	Quaking Aspen	20	Sapling	1 11						
13	42200 - Nati	ural White F	ine	Sawtimber Well	0.5	97	1-50	N/A		
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Paper Birch	10	Pole	10	Ва	alsam Fir	Full	Variable	Sapling	
	Balsam Fir	30	Pole	8						-
	White Pine	60	XLog	18 97						
14	4319 - Mixed	d Upland Fo	rest	Poletimber Well	5.7	81	51-80	N/A		Previous exam by Brad Carlson 1/28/2013. King Lake State Forest Campground. Campground has 6 designated campsites and is managed
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	by Baraga State park. A boat launch is present.
	Quaking Aspen	5	Pole/Log	10		ck Cherry	Low	Variable	Sapling	, 3
	Red Oak	2	Log	12	Ва	alsam Fir	Full	Variable	Sapling	
	White Spruce	15	Pole/Log	10	Re	ed Maple	Medium	Variable	Sapling	
Nor	rthern White Cedar	3	Pole	8						
	Red Maple	20	Pole	8						
	Balsam Fir	25	Pole	6 81						
	Paper Birch	10	Pole	8						
	Sugar Maple	10	Pole	9						
	White Pine	10	XLog	20						
15	622 - Lov	wland Shrub		Nonstocked	1.8	l	Jnspecified	No		2023: Did not Look at in 2023.



Stand	d Level 4 Cover Type 6124 - Lowland Spruce-Fir			Size Density Poletimber Well		Acres Stand Age BA Rang			Managed S	ite	General Comments	
17						58.8	93	81-110	N/A		2013: Stand has Lake Influence Ripiarian issues.	
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Can	opy Species	Density	Avg. Height	Size	2023: Did not Look at in 2023.	
	Tamarack	5	Pole	8		Red	d Maple	Medium	Variable	Sapling		
	White Pine	10	XLog	18		Pape	er Birch	Low	Variable	Sapling		
	Paper Birch	10	Pole	6		Bals	sam Fir	Full	Variable	Sapling		
	Red Maple	15	Pole	6		Black	k Spruce	Medium	Variable	Sapling		
	Black Ash	5	Pole/Log	10		Northern	White Cedar	Low	Variable	Pole		
	Balsam Fir	5	Pole	5							•	
	White Spruce	10	Pole/Log	10								
	Black Spruce	35	Pole	6	93							
No	orthern White Cedar	5	Pole	8								
18	6122 - Bl	lack Spruce		Poletimber Well		2.1	2.1 101 Ur		N/A		2023: Did not Look at in 2023.	
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Can	opy Species	Density	Avg. Height	Size		
	Balsam Fir	10	Pole	5		Bals	sam Fir	Full	Variable	Sapling		
	White Spruce	10	Pole/Log	10		Black	k Spruce	High	Variable	Sapling		
	Black Spruce	70	Pole	6	101	Northern	White Cedar	Low	Variable	Pole		
	ыаск эргисе		1 010				William Oddai	LOW				
No	orthern White Cedar	10	Pole	6			Willia Godal	LOW	7 4114010			
	orthern White Cedar	10	Pole	6							2022: Did not Look at in 2022	
19	orthern White Cedar 42200 - Nate	10 ural White F	Pole	6 Sawtimbe	r Well	0.6	97	51-80	N/A		2023: Did not Look at in 2023.	
	42200 - Nati	ural White F	Pole Pine Size Class	6 Sawtimbe	r Well	0.6 Sub-Can	97 nopy Species	51-80 Density	N/A Avg. Height	Size	2023: Did not Look at in 2023.	
	42200 - Natu Canopy Species Paper Birch	ural White F % Cover	Pole Pine Size Class Pole	6 Sawtimbe DBH	er Well	0.6 Sub-Can	97	51-80	N/A	Size Sapling	2023: Did not Look at in 2023.	
	42200 - Nate Canopy Species Paper Birch White Pine	10 ural White F % Cover 10 60	Pole Pine Size Class Pole XLog	Sawtimbe DBH 10 18	r Well	0.6 Sub-Can	97 nopy Species	51-80 Density	N/A Avg. Height		2023: Did not Look at in 2023.	
	42200 - Natu Canopy Species Paper Birch	ural White F % Cover	Pole Pine Size Class Pole	6 Sawtimbe DBH	er Well	0.6 Sub-Can	97 nopy Species	51-80 Density	N/A Avg. Height		2023: Did not Look at in 2023.	
	42200 - Nate Canopy Species Paper Birch White Pine	10 wral White F % Cover 10 60 30	Pole Pine Size Class Pole XLog Pole	Sawtimbe DBH 10 18	Age 97	0.6 Sub-Can	97 nopy Species	51-80 Density	N/A Avg. Height		2023: Did not Look at in 2023.	
19	42200 - Nate Canopy Species Paper Birch White Pine Balsam Fir 42200 - Nate Canopy Species	10 wral White F Cover 10 60 30 wral White F Cover	Pole Pine Size Class Pole XLog Pole	Sawtimbe DBH 10 18 8 Sawtimbe DBH	Age 97	0.6 Sub-Can Bals	97 nopy Species sam Fir	51-80 Density Full 51-80	N/A Avg. Height Variable	Sapling	2023: Did not Look at in 2023.	
19	42200 - Nate Canopy Species Paper Birch White Pine Balsam Fir 42200 - Nate	10 ural White F % Cover 10 60 30 ural White F % Cover 10	Pole Pine Size Class Pole XLog Pole	Sawtimbe DBH 10 18 8 Sawtimbe	Age 97	0.6 Sub-Can Bals 0.5 Sub-Can	97 nopy Species sam Fir 97	51-80 Density Full 51-80	N/A Avg. Height Variable N/A	Sapling	2023: Did not Look at in 2023.	
19	42200 - Nate Canopy Species Paper Birch White Pine Balsam Fir 42200 - Nate Canopy Species	10 wral White F Cover 10 60 30 wral White F Cover	Pole Size Class Pole XLog Pole Pine Size Class	Sawtimbe DBH 10 18 8 Sawtimbe DBH 10 8	97 er Well Age	0.6 Sub-Can Bals 0.5 Sub-Can	97 nopy Species sam Fir 97 nopy Species	51-80 Full 51-80 51-80 Density	N/A Avg. Height Variable N/A Avg. Height	Sapling	2023: Did not Look at in 2023.	
19	A2200 - Nate Canopy Species Paper Birch White Pine Balsam Fir 42200 - Nate Canopy Species Paper Birch	10 ural White F % Cover 10 60 30 ural White F % Cover 10	Pole Pine Size Class Pole XLog Pole Pine Size Class Pole	Sawtimbe DBH 10 18 8 Sawtimbe DBH 10	Age 97	0.6 Sub-Can Bals 0.5 Sub-Can	97 nopy Species sam Fir 97 nopy Species	51-80 Full 51-80 51-80 Density	N/A Avg. Height Variable N/A Avg. Height	Sapling	2023: Did not Look at in 2023.	
19	A2200 - Nate Canopy Species Paper Birch White Pine Balsam Fir 42200 - Nate Canopy Species Paper Birch Balsam Fir White Pine Balsam Fir White Pine	10 ural White F **Cover* 10 60 30 ural White F **Cover* 10 30	Pole Size Class Pole XLog Pole Pine Size Class Pole Vine Size Class Pole XLog	Sawtimbe DBH 10 18 8 Sawtimbe DBH 10 8	97 er Well Age 97 97	0.6 Sub-Can Bals 0.5 Sub-Can	97 nopy Species sam Fir 97 nopy Species sam Fir	51-80 Full 51-80 51-80 Density	N/A Avg. Height Variable N/A Avg. Height	Sapling	2023: Did not Look at in 2023. 2023: Did not Look at in 2023.	
19	A2200 - Nate Canopy Species Paper Birch White Pine Balsam Fir 42200 - Nate Canopy Species Paper Birch Balsam Fir White Pine Balsam Fir White Pine	10 ural White F Cover 10 60 30 ural White F Cover 10 30 60 lack Spruce	Pole Size Class Pole XLog Pole Pine Size Class Pole Vine Size Class Pole XLog	Sawtimbe DBH 10 18 8 Sawtimbe DBH 10 8 18	97 Pr Well Age 97 Pr Well 97	0.6 Sub-Can Bals 0.5 Sub-Can Bals	97 nopy Species sam Fir 97 nopy Species sam Fir	51-80 Density Full 51-80 Density Full Juspecified	N/A Avg. Height Variable N/A Avg. Height Variable	Sapling		
19	A2200 - Nate A2200 - Nate Canopy Species Paper Birch White Pine Balsam Fir 42200 - Nate Canopy Species Paper Birch Balsam Fir White Pine Balsam Fir White Pine	10 ural White F Cover 10 60 30 ural White F Cover 10 30 60 lack Spruce	Pole Pine Size Class Pole XLog Pole Pine Size Class Pole XLog XLog	Sawtimbe DBH 10 18 8 Sawtimbe DBH 10 8 11 10 11 11 11 12 13 14 15 16 17 18 18 Poletimbe	97 Pr Well Age 97 Pr Well 97	0.6 Sub-Can Bals 0.5 Sub-Can Bals 2.4 Sub-Can	97 nopy Species sam Fir 97 nopy Species sam Fir	51-80 Density Full 51-80 Density Full Juspecified	N/A Avg. Height Variable N/A Avg. Height Variable	Sapling Size Sapling		
20	A2200 - Nate A2200 - Nate Canopy Species Paper Birch White Pine Balsam Fir 42200 - Nate Canopy Species Paper Birch Balsam Fir White Pine 6122 - Bi Canopy Species	10 wral White F Cover 10 60 30 wral White F Cover 10 30 60 wral Spruce Cover	Pole Pine Size Class Pole XLog Pole Pine Size Class Pole XLog Size Class	Sawtimbe DBH 10 18 8 Sawtimbe DBH 10 8 18 Poletimbe DBH	97 Pr Well Age 97 Pr Well 97	0.6 Sub-Can Bals 0.5 Sub-Can Bals 2.4 Sub-Can Bals	97 nopy Species sam Fir 97 nopy Species sam Fir 101 nopy Species	51-80 Full 51-80 51-80 Full Unspecified Density	N/A Avg. Height Variable N/A Avg. Height Variable N/A Avg. Height	Size Sapling Size Sapling		
20	A2200 - Natu Canopy Species Paper Birch White Pine Balsam Fir 42200 - Natu Canopy Species Paper Birch Balsam Fir White Pine 6122 - Bi Canopy Species White Spruce	10 ural White F Cover 10 60 30 ural White F Cover 10 30 60 lack Spruce Cover 10	Pole Size Class Pole XLog Pole Size Class Pole XLog Size Class Pole XLog Pole XLog	Sawtimbe DBH 10 18 8 Sawtimbe DBH 10 8 18 Poletimbe DBH 10	97 Pr Well Age 97 Pr Well 97	0.6 Sub-Can Bals 0.5 Sub-Can Bals 2.4 Sub-Can Bals	97 nopy Species sam Fir 97 nopy Species sam Fir 101 nopy Species sam Fir	51-80 Full 51-80 51-80 51-80 Full Density Full Jnspecified Full Full	N/A Avg. Height Variable N/A Avg. Height Variable N/A Avg. Height Variable	Size Sapling Size Sapling		



Stand	Level 4 C	over Type		Size Density	Acres	Stand Age E	BA Range	Managed S	ite	General Comments	MICHIGAN
22	4115 - Y.Birch, Hemlock NH			Poletimber Well	2.6	2.6 87	81-110	N/A		Marked unit of "King Lake Fir 2" 11-020-08-01 cut in the winter of 20 2023: Did not look at in 2023.	
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Can	opy Species	Density	Avg. Height	Size	2020. Did not look at in 2020.	
	Hemlock	25	Log	12	White	e Spruce	Medium	Variable	Sapling		
	Sugar Maple	5	Pole	9	Northern	White Cedar	Low	Variable	Sapling		
	Red Maple	50	Pole	9 87	Bal	sam Fir	High	Variable	Pole		
	Yellow Birch	5	Pole	7	Red	d Maple	High	5 - 10 feet	Sapling		
	White Pine	5	XLog/Log	20							
	White Spruce	5	Log	12							
	Red Oak	5	Log	12							
23	42200 - Natı	ural White F	ine	Sawtimber Well	0.5	97	51-80	N/A		2023: Did not look at in 2023.	
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Can	opy Species	Density	Avg. Height	Size		
	Balsam Fir	30	Pole	8	Bal	sam Fir	Full	Variable	Sapling		
	Paper Birch	10	Pole	10							
	White Pine	60	XLog	18 97							
24	720 - Ехр	osed Rock		Nonstocked	0.0	U	Inspecified	No		2023: Did not look at in 2023.	
25	42200 - Natı			Sawtimber Well	0.2	97	51-80	N/A		2023: Did not look at in 2023.	
	Canopy Species		Size Class			opy Species	Density	Avg. Height	Size		
	Paper Birch	10	Pole	10	Bal	sam Fir	Full	Variable	Sapling		
	Balsam Fir	30	Pole	8							
	White Pine	60	XLog	18 97							
26	720 - Ехр	oosed Rock		Nonstocked	0.1	U	Inspecified	No		2023: Did not look at in 2023.	
27	720 - Ехр	oosed Rock		Nonstocked	0.1	U	Inspecified	No		2023: Did not look at in 2023.	
28	6122 - BI	ack Spruce		Poletimber Poor	2.1	87 U	Inspecified	N/A		2023: Did not look at in 2023.	
	Canopy Species		Size Class								
	White Pine	10	Log	12							
	Black Spruce	90	Sapling/Pol	e 4 87							
29	720 - Exp	oosed Rock		Nonstocked	0.1	U	Inspecified	No		2023: Did not look at in 2023.	
30	720 - Ехр	oosed Rock		Nonstocked	0.1	U	Inspecified	No		2023: Did not look at in 2023.	



Stand	Level 4 Cover Type			Size Density		Acres	Stand Age	BA Range	Managed Site		General Comments	MICHIGAN .
31	720 - Exp	720 - Exposed Rock			Nonstocked			Unspecified			2023: Did not look at in 2023.	
32	720 - Exposed Rock			Nonstocked		0.0		Unspecified	No		2023: Did not look at in 2023.	
33	622 - Lov	wland Shrub		Nonsto	cked	0.3		Unspecified	No		2023: Did not look at in 2023.	
48	42200 - Natural White Pine		ine	Sawtimb	er Well	0.4	97	51-80	N/A		2023: Did not look at in 2023.	
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Specie	s Density	Avg. Height	Size		
	Paper Birch	10	Pole	10		Ва	ılsam Fir	Full	Variable	Sapling		
	Balsam Fir	30	Pole	8								
	White Pine	60	XLog	18	97							
51	42200 - Natural White Pine			Sawtimb	er Well	0.5	97	51-80	N/A		2023: Did not look at in 2023.	
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Specie	s Density	Avg. Height	Size		
	White Pine	60	XLog	18	97	Ва	lsam Fir	High	Variable	Sapling		
	Balsam Fir	30	Pole	8				-			1	
	Paper Birch	10	Pole	10								