



Compartment Review Presentation

Baraga Forest Management Unit

Compartment 11071

Entry Year 2023

Acreage: 1,497

County Ontonagon

Management Area: Houghton Hardwoods

Stand Examiner: Shaun Sullivan

Legal Description:

T51N, R40W, Sections 23, 24, 25, 26, 35 and 36.

Identified Planning Goals:

Norwich Plain.

Soil and topography:

To maintain a healthy; sustainable forest with special consideration to wildlife and fisheries habitat.

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

The compartment borders the Ottawa National Forest on the south, state forest land on the east and north. Lands to the west are mostly small private ownerships managed for both timber and recreational purposes.

Unique Natural Features:

None Identified.

Archeological, Historical, and Cultural Features:

An abandoned railroad grade runs through this compartment.

Special Management Designations or Considerations:

None Identified.

Watershed and Fisheries Considerations:

This compartment is bounded on the east by Mill Creek.

Wildlife Habitat Considerations:

This compartment is on the southern border of the Norwich escarpment and is dominated by clay loam soils and aspen forest conditions. Norwich Management Area emphasis is to promote sustainable aspen habitat conditions which favor and promote desirable game featured species such as white tailed deer, black bears, woodcock and grouse. Silvicultural treatments are intended to provide age class diversity for forest habitats and early successional species. Additionally treatments are recommended to remove unproductive non-native forest species such as European larch and Scotch pine while restoring these sites to forest opening matrixes conditions which would benefit species such as woodcock by providing breeding and brooding habitat.

Mineral Resource and Development Concerns and/or Restrictions

Surface sediments consist of lacustrine (lake) clay and silt. The glacial drift thickness varies between 10 and 50 feet. The Precambrian Freda Sandstone sub crops below the glacial drift. There is not a current economic use for the Freda. The compartment lies between abandoned copper mines, twelve miles to the west (White Pine) and ten miles to the east (Caledonia). These mines produced from the Nonesuch Shale/ Copper Harbor Conglomerate and the Portage Lake Volcanics. This area has not been leased before. The nearest gravel pits are located four miles away and potential appears limited. There is no economic oil and gas production in the UP. Most of the compartment is surface only, as the mineral rights were retained at the time of acquisition.

2021: There is no known potential for metallic minerals in this area. The state does not own any of the mineral rights to the compartment parcels in T51N-R40W. No nearby active sand/gravel pits are known to exist, and potential within the compartment here also appears limited. The compartment lies several miles east of White Pine Mine, but copper exploration related to the mine did occur within Sec 35. There may be potential for disseminated copper within the compartment. There is no potential for economic oil and gas production in the UP. Because the mineral estate is the dominant estate, reasonable access to the surface must be provided to private owners if they choose to explore or develop their mineral rights.

Vehicle Access:

Access to this compartment is across private lands from the Norwich Road. The state has an easement between Sections

27 and 34.

Survey Needs:

No survey needed.

Recreational Facilities and Opportunities:

This compartment provides some excellent opportunities for both small and large game hunting. These opportunities are under utilized due to limited public access.

Fire Protection:

This is not a fire prone area.

Additional Compartment Information:

For access off Strauch Road - Henry Strauch (906) 884-2133 or (906) 884-4887. Additional landowner information at the end of Strauch Road will also be needed for access-currently unknown.

The following reports from the Inventory are attached:

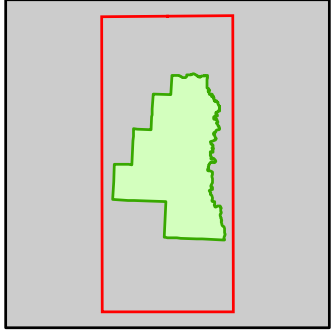
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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

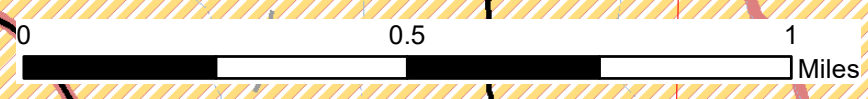
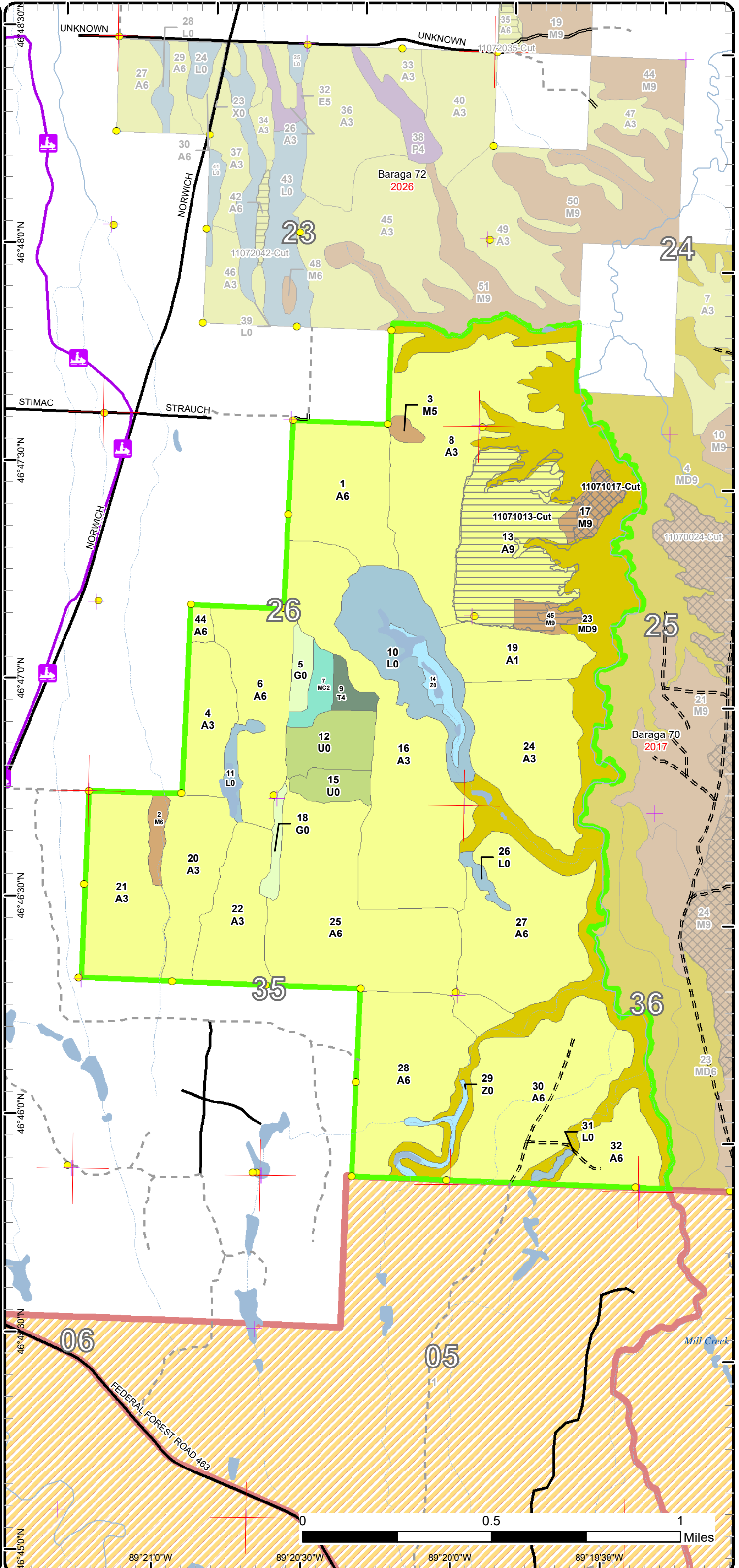
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

Cover Type & Treatments Map

Compartment: 71
 T51N, R40W, Sec. 23-26, 35, 36
 T48N, R43W, Sec. 11
 County: Ontonagon
 Unit: Baraga
 Mgmt Area: Houghton Hardwoods
 YOE: 2023
 Acres: 1496.8 GIS Calculated
 Examiner: Shaun Sullivan
 Map Revised: 9/20/2023
 Map Phase: Post Review



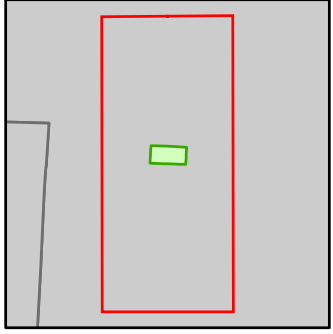
- Miris Corners
- + Remonumented Section Corners
- Survey Grade Corners
- Counties
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State / County - Paved Road
- Private - Dirt / Gravel Road
- Snowmobile Trails
- Designated Snowmobile Trails
- Intermittent Stream
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Compartment Boundary
- Selection (Group, Single Tree)
- Clearcut (w/Reserves)
- 411 - Northern Hardwood
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 423 - Other Upland Conifers
- 429 - Mixed Upland Conifers
- 310 - Herbaceous Openland
- 320 - Upland Shrub
- 500 - Water
- 622 - Lowland Shrub



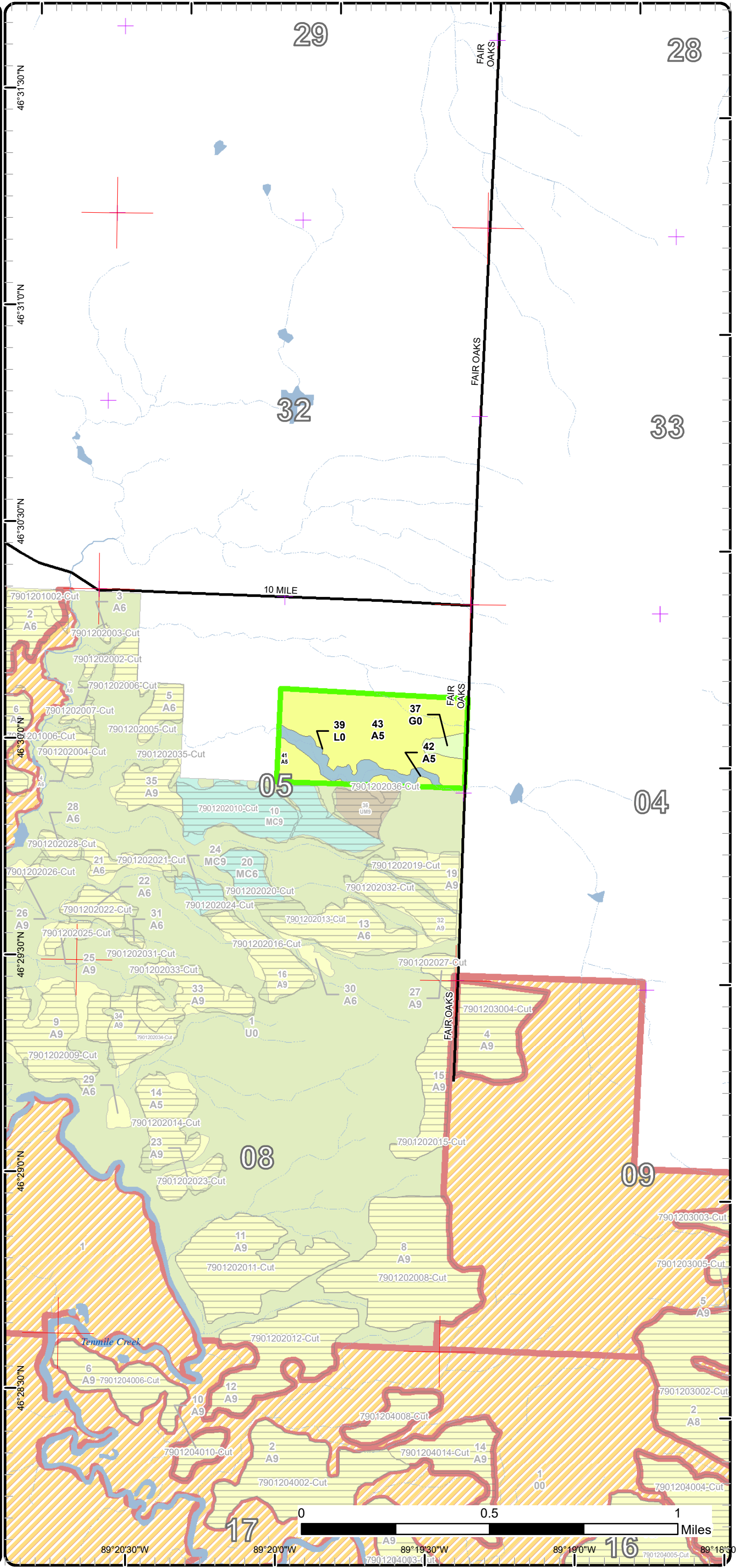
46°45'0"N 89°21'0"W 89°20'30"W 89°20'0"W 89°19'30"W

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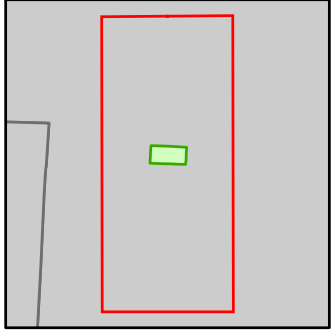
10 MILE

0 0.5 1 Miles

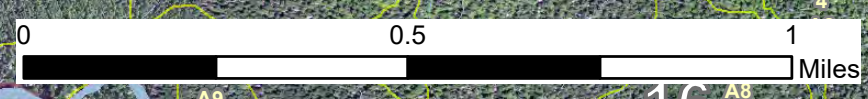
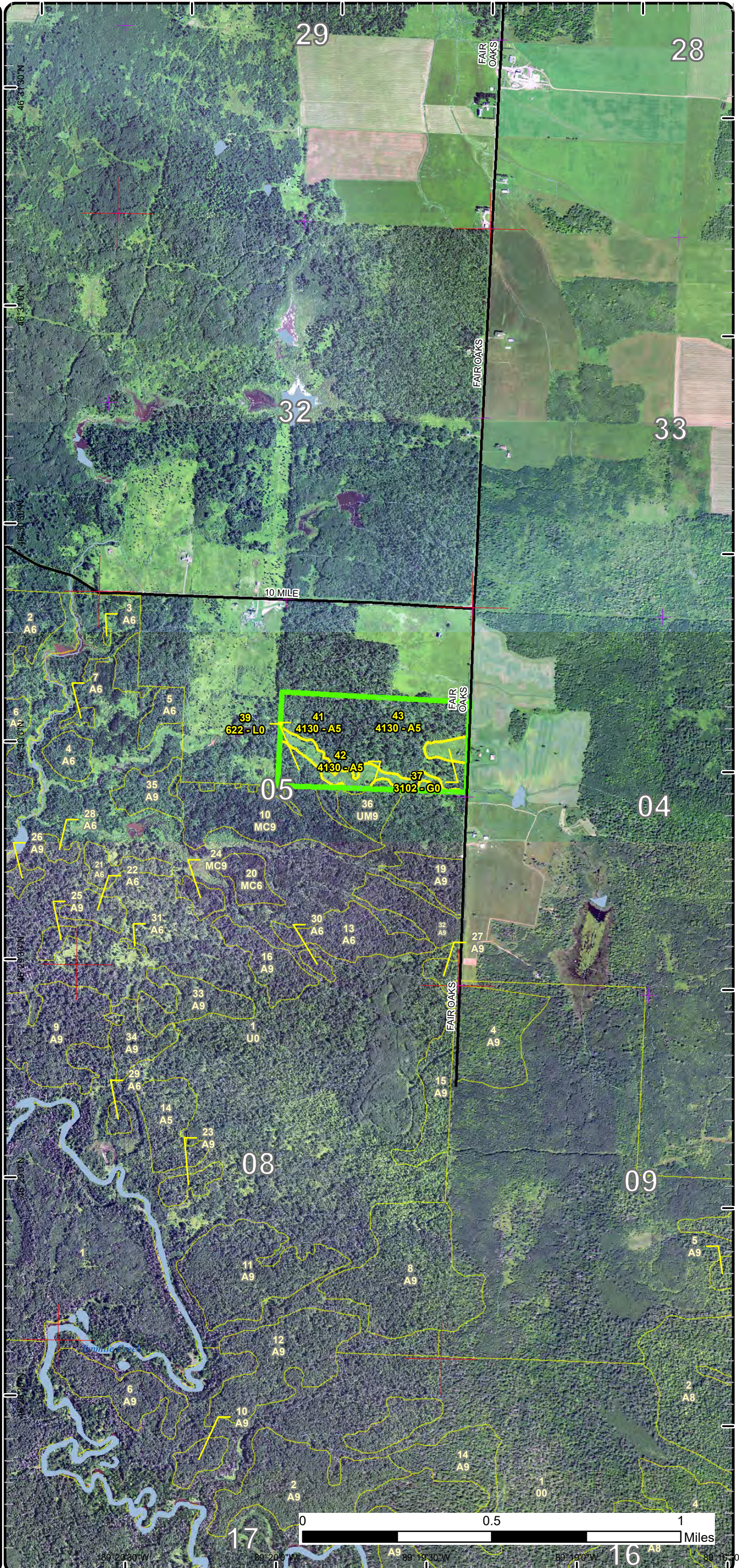
89°20'30"W 89°20'0"W 89°19'30"W 89°19'0"W 89°18'30"W

Stand Boundary Map

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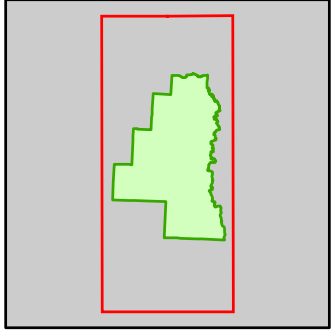
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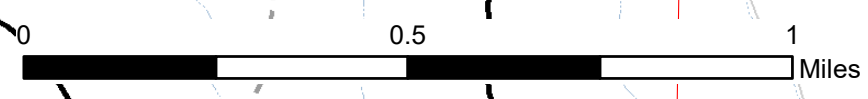
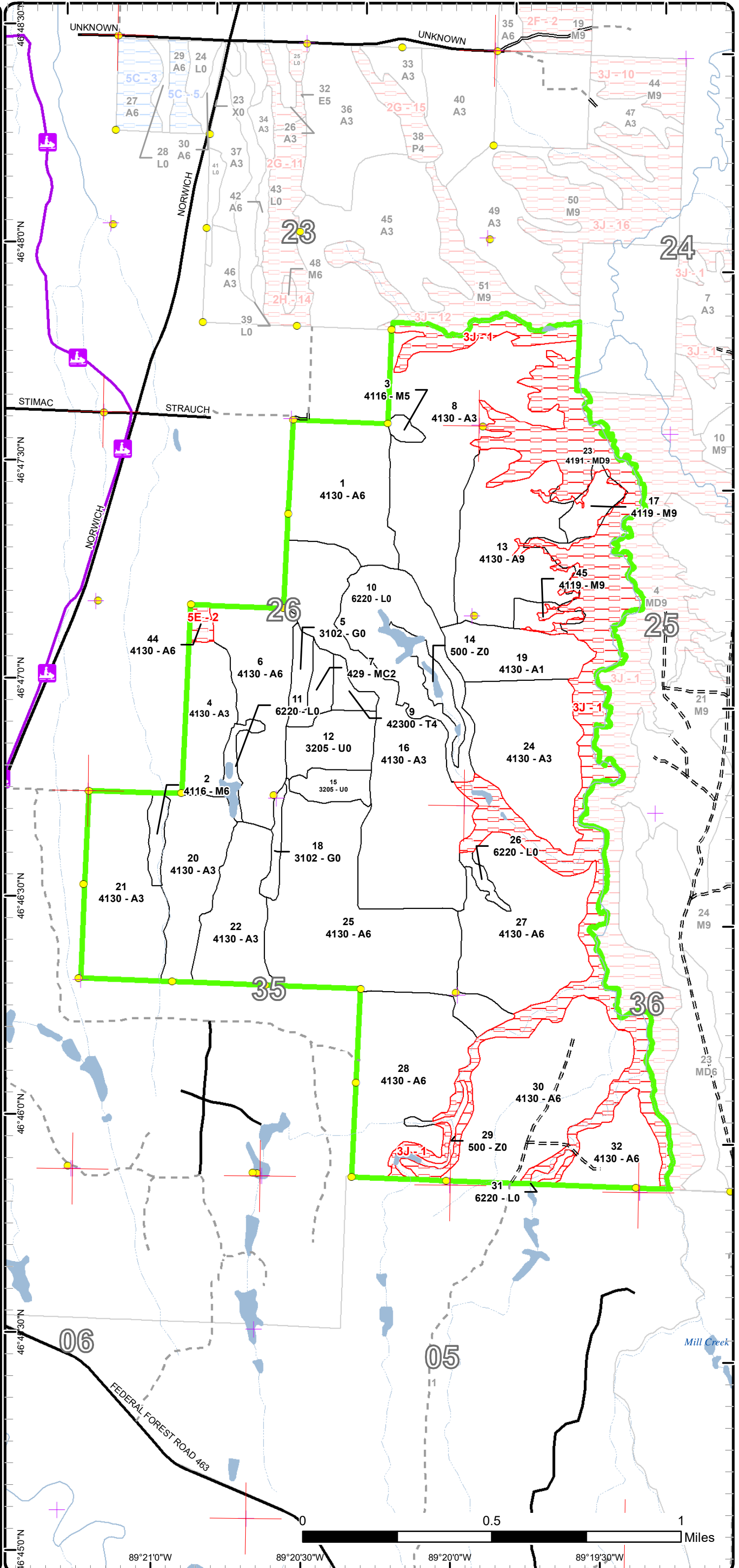
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Special Conservation Areas

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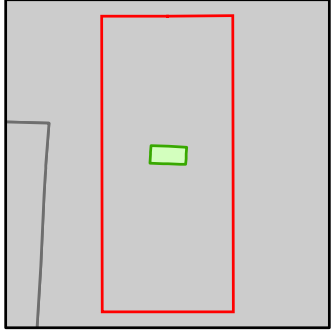


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- Perennial River
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- Unavailable
- 3J: Water quality / BMPs (stream, river, or lake)
- 5E: Long-Term Retention
- Stand Boundaries
- Cold Water Streams

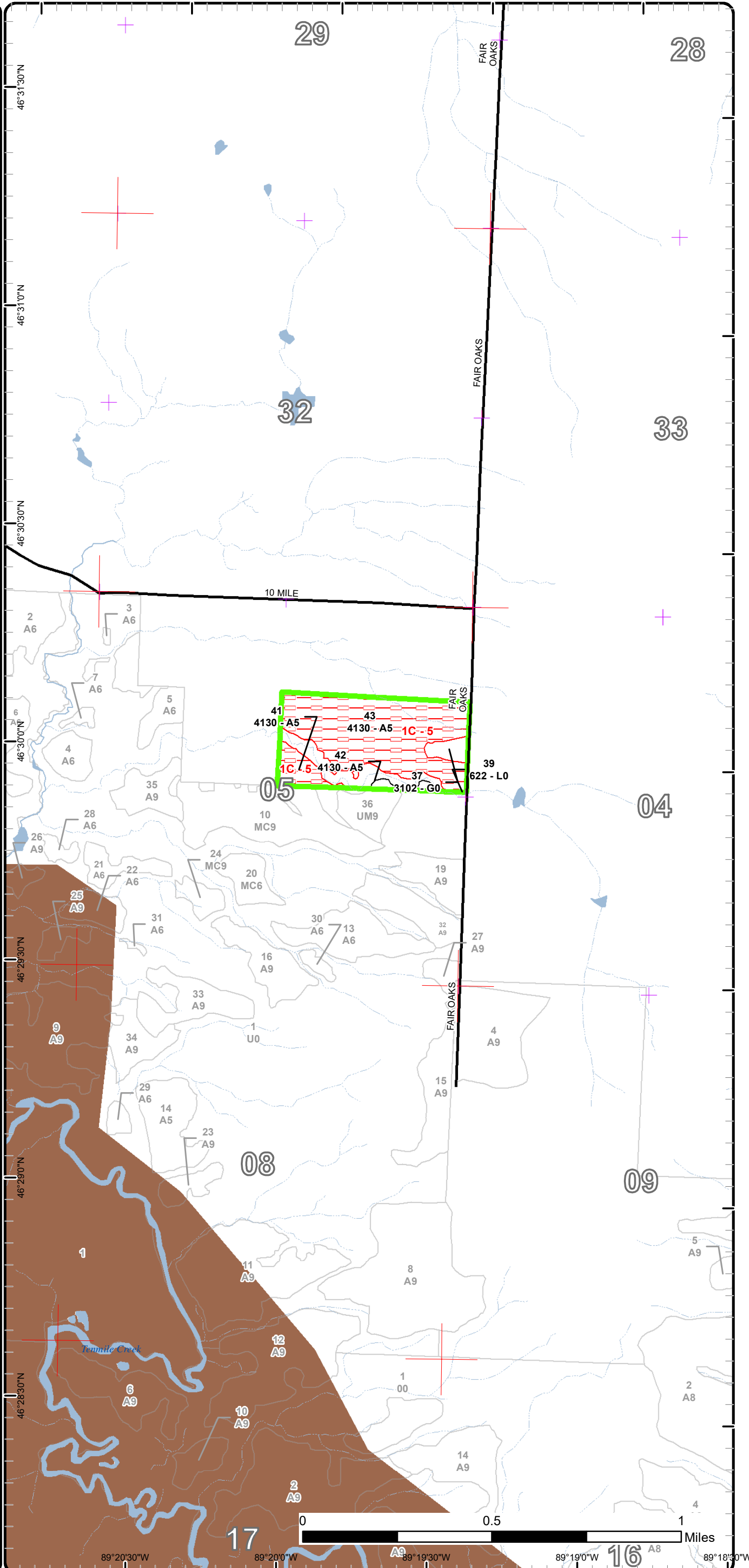


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- Lakes and Rivers
- Compartment Boundary
- Unavailable
- 1C: Other dept or div proc/practices
- Stand Boundaries
- Cold Water Lakes
- Deer Winter Range



Report 1 – Total Acres by Cover Type and Age Class



Age Class

	Non-Forest	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100-109	110-119	120-129	130-139	140-149	150+	Unnever-Aged	Total
Aspen	0	247	205	228	268	68	63	0	0	0	0	0	0	0	0	0	0	45	1124
Herbaceous Openland	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
Lowland Shrub	73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	73
Mixed Upland Deciduous	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	194	194
Northern Hardwood	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	25	28
Tamarack	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Upland Conifers	0	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	8
Upland Shrub	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32
Water	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
Total	137	247	205	228	282	68	63	3	0	0	0	0	0	0	0	0	0	264	1497



Report 2 – Treatment Summary

Baraga Mgt. Unit

Year of Entry: 2023

Acres of Harvest

Compartment 71

Total Compartment Acres: 1,497

Commercial Harvest - 85
 Harvests with Site Condition - 0
 Next Step Harvest - 0
 Habitat Cut - 0

Cover Type by Harvest Method

	Clearcut	Selection	Patch Clearcut	Seed Tree	Shelterwood	Thinning	Overstory Removal	Salvage	Other	Total Acres
Aspen	77	0	0	0	0	0	0	0	0	77
Northern Hardwood	0	8	0	0	0	0	0	0	0	8
Total	77	8	0	0	0	0	0	0	0	85

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	85	0	0	0	0	0	0	0	0	85
Next Step	0	0	0	0	0	85	0	0	0	85
Total	85	0	0	0	0	85	0	0	0	170



S t 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
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Approved Treatments:

13	11071013-Cut	76.6	4130 - Aspen	Sawtimber Well	49	81-110	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
<p><u>Prescription</u> Harvest all species down to 4.6 inches DBH except black cherry, paper birch and all softwood species. Also, reserve red oak,.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Any combination of the original stand's over story species prior to harvest.</p> <p><u>Regen:</u></p> <p><u>Other</u> Retention for this stand will be greater than 3% and will consist of reserve tree species.</p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2022</p>											

17	11071017-Cut	8.2	4119 - Mixed Northern Hardwoods	Sawtimber Well	50	111- 140	Harvest	Single Tree Selection	411 - Northern Hardwood	Uneven- Aged	No
<p><u>Prescription</u> Selectively thin hardwoods to 70-90 sqft of BA. Do not harvest oak, hemlock, white pine and cedar where present. Also, retain some large seed producing Black Cherry. Oak should be released on 3 sides to an average BA of 60 sqft. Where 30 sqft or more of hemlock occurs thin to less than 100 sqft of BA. Follow all guidelines set forth in "The Complete Marker".</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Any combination of the original stand's over story species prior to harvest.</p> <p><u>Regen:</u></p> <p><u>Other</u> Retention for this stand will be greater than 3% and will consist of tree species of the dominant cover type and reserve tree species.</p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2022</p>											

Total Treatment 84.8
Acreage Proposed:

Report 4 – Site Conditions

Baraga Mgt. Unit
Shaun Sullivan : Examiner

Compartment: 71
Year of Entry: 2023

Availability for Management

Total Acres	Acres Available	Acres Avail		Dominant Site Conditions	Dominant Site Conditions		
		With Condition	Not Available		1C	3J	5E
1125	1058	0	67	Aspen	61	2	4
16	16	0	0	Herbaceous Openland			
72	72	0	0	Lowland Shrub			
194	2	0	192	Mixed Upland Deciduous		192	
28	25	0	3	Northern Hardwood		3	
6	6	0	0	Tamarack			
8	8	0	0	Upland Conifers			
32	32	0	0	Upland Shrub			
16	16	0	0	Water			
1,497	1,236		262	Total Forested Acres	61	197	4
	83%		18%	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	3J: Water quality / BMPs (stream, river, or lake)	197	2F: Too steep	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified
Comments:							
2	Unavailable	5E: Long-Term Retention	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
5	Unavailable	1C: Other dept or div proc/practices	61	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Property is recommended for disposal through the 2021 Land Review.							

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
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Comments

Mgt. Unit

Compartment:

Year of Entry



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.

ERA = Ecological Reference Area
HCVA = High Conservation Value Area
SCA = Special Conservation Area

Conservation Area	Type	Description
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																																								
1	4130 - Aspen	Poletimber Well	58.8	27	Unspecified	N/A	"Beaver Bliss Aspen" 11-009-93-01 2/4/21 - inventory completed. Poked around stand sum,																																																																								
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Balsam Fir</td> <td>2</td> <td>Sapling/Pole</td> <td>4</td> <td></td> </tr> <tr> <td>Black Ash</td> <td>2</td> <td>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>84</td> <td>Pole</td> <td>6</td> <td>27</td> </tr> <tr> <td>White Ash</td> <td>2</td> <td>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>10</td> <td>Pole</td> <td>6</td> <td></td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Balsam Fir	2	Sapling/Pole	4		Black Ash	2	Pole	6		Quaking Aspen	84	Pole	6	27	White Ash	2	Pole	6		Red Maple	10	Pole	6																																											
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2	4116 - Mixed N. Hardwood - Aspen	Poletimber Well	6.2	81	81-110	N/A	Excluded from "Norwich Ash" timbersale. Drainage area. 2/4/21 - Inventory completed, stand appears healthy and no impact from EAB at this point.																																																																								
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4	4130 - Aspen	Sapling Well	30.2	5	Immature	N/A	Part of Norwich Ash, Cut winter 2018. Previous age 74 (11/2019) Made an AOI on 12/21/12 for ash salvage Cut as part of "Beaver Bliss Aspen" 11-009-93-01. 2/4/21 - inventory completed. northern part of sale was not harvested. Split off as stand? Stand could be merged in with stands 20, 21 and 22. Only difference is a little more red maple regen in stand 4.																																																																								
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5	3102 - Grass	Nonstocked	7.0		Unspecified	412 - Oak Types	2/6/2011 - This stand was machine planted with oak seedlings in 1991 but due to heavy deer browse these seedling were killed or are heavily suppressed. The few seedlings that are still alive are less than 5 feet tall. 2/4/21 - Did not physically look at stand during inventory due to previous notes and snow.																																																																								



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																														
6	4130 - Aspen	Poletimber Well	52.3	29	Unspecified	N/A	Cut as part of "Beaver Bliss Aspen" 11-009-93-01. 2/4/21 - inventory completed. stand is at the stage that it should start self thinning and putting on diameter.																														
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Red Maple	5	Pole	5																																		
Balsam Fir	1	Sapling/Pole	4																																		
7	429 - Mixed Upland Conifers	Sapling Medium	8.3	32	1-50	N/A	Machine planted Norway Spruce, planted in 1991. Trees are 15-25 feet tall. 2/4/21 - Did not physically look at stand due to previous notes. Norway spruce was present along with some jack pine which was visible on the road accessing other stands for inventory.																														
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8	4130 - Aspen	Sapling Well	108.7	17	Unspecified	N/A	Cut in 2006 "You're in Aspen" 11-021-03-01. 2/4/21 - inventory completed. stand is starting to put on diameter. Should start self thinning by next inventory.																														
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9	42300 - Planted Larch	Poletimber Poor	6.2	32	Unspecified	N/A	Hand planted European Larch in 1991. There was not a great survival rate of the seedling and the stand is close to being non-forested. 2/4/21 - inventory completed, poorly stocked some stems have survived but mostly non-forested stand at this point.																														
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10	6220 - Alder/willow	Nonstocked	50.0		Unspecified	No	2/4/21 - mostly tag alder.																														
11	6220 - Alder/willow	Nonstocked	6.3		Unspecified	No																															
12	3205 - Mixed Upland Shrub	Nonstocked	21.7		Unspecified	No	Old farm field grown into willow brush mixed with scattered apple trees. 2/4/21 - inventory completed some scattered aspen saplings taking hold on fringes.																														



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																								
13	4130 - Aspen	Sawtimber Well	67.8	49	81-110	N/A	2/4/21 - inventory completed. split some of stand 17 - mixed hardwoods- was added into stand 13 due to heavier component of aspen.																																																								
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14	500 - Water	Nonstocked	10.3		Unspecified	No	2/4/21 - Due to stand covertime, stand was not physically looked at in the field.																																																								
15	3205 - Mixed Upland Shrub	Nonstocked	10.6		Unspecified	No	2/8/2011 - Old grown in farm field. 2/4/21 - Grown in farm field, variety of species, not feasible to harvest.																																																								
16	4130 - Aspen	Sapling Well	115.1	8	Immature	N/A	Norwich Aspen cut in winter 2015-2016 2/4/21 - Inventory completed, regen is coming in nicely.																																																								
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17	4119 - Mixed Northern Hardwoods	Sawtimber Well	11.1	50	111-140	N/A	2/4/21 - inventory completed. part of stand was split off and added to stand 13 due to heavy component of aspen.																																																								
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18	3102 - Grass	Nonstocked	5.4		Unspecified	No	2/4/21 - Inventory completed, talked to John Depue about the proposed treatment from 10 years ago, gave the okay to terminate the proposal.																																																								
19	4130 - Aspen	Sapling Poor	31.4	13	Unspecified	N/A	Stand was cut in january and february 2011 as part of "U R N Aspen" 11-022-08-01. 2/4/21- Edge of stand was driven down. Nice regen throughout.																																																								
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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20	4130 - Aspen	Sapling Well	41.1	5	Immature	N/A	Norwich Ash cut 2017/18. Previous age 62 (11/2019)
Canopy Species		% Cover	Size Class		DBH	Age	Made an AOI on 12/21/12 for ash salvage 2/4/21 - Inventory completed. Could be merged with stands 4, 21 and 22.
Balsam Fir		1	Sapling/Pole		3		
Basswood		1	Sapling		1	5	
Red Maple		18	Sapling		1	5	
Quaking Aspen		75	Sapling		1	5	
Black Ash		1	Sapling		1		
Sugar Maple		1	Sapling		1		
White Spruce		1	Sapling/Pole		3		
Red Oak		1	Log/Pole		12		
White Ash		1	Sapling		1	5	
Sub-Canopy Species		Density	Avg. Height		Size		
Ironwood		Low	10 - 20 feet		Sapling		
Leatherwood		Low	< 5 feet		Tall Shrub		

21	4130 - Aspen	Sapling Well	61.0	5	Immature	N/A	Cut 2017/18 Norwich Ash. Previous age 77 (11/2019)
Canopy Species		% Cover	Size Class		DBH	Age	Made an AOI on 12/21/12 for ash salvage 2/4/21 - inventory completed on stand. Could be merged with stands 4, 20 and 22.
Quaking Aspen		75	Sapling		1	5	
Balsam Fir		1	Sapling/Pole		3		
Sugar Maple		1	Sapling		1	5	
White Ash		10	Sapling		1	5	
Red Maple		10	Sapling		1	5	
Red Oak		1	Log/Pole		12		
Basswood		1	Sapling		1	5	
White Spruce		1	Sapling/Pole		4		
Sub-Canopy Species		Density	Avg. Height		Size		
Ironwood		Low	5 - 10 feet		Sapling		
Leatherwood		Low	< 5 feet		Tall Shrub		

22	4130 - Aspen	Sapling Well	40.4	8	1-50	N/A	2/4/21 - Inventory completed, stand could be merged with stands 4, 20 and 21. Patchy regen in a few areas that were lower and wet.
Canopy Species		% Cover	Size Class		DBH	Age	
Red Oak		1	Log		14		
Black Cherry		2	Sapling		1		
Sugar Maple		1	Sapling		1	8	
American Elm		1	Sapling/Pole		3		
White Ash		4	Sapling		1	8	
Quaking Aspen		80	Sapling		1	8	
Red Maple		10	Sapling		1	8	
Balsam Fir		1	Sapling/Pole		3		



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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23 4191 - Mixed Upland Deciduous with Conifer Sawtimber Well 193.9 79 81-110 N/A 2/4/21 - inventory completed. Only looked at edges due to terrain.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Quaking Aspen	19	Log	12		Ironwood	Medium	10 - 20 feet	Sapling
Balsam Fir	5	Pole	8		Sugar Maple	Medium	Variable	Sapling
White Spruce	5	Log	12		Balsam Fir	Medium	Variable	Sapling
White Pine	10	Log	16		Red Maple	Medium	Variable	Sapling
White Ash	10	Pole/Log	10					
Red Maple	31	Pole/Log	10	79				
Yellow Birch	5	Pole/Log	10					
Sugar Maple	10	Pole/Log	10					
Black Ash	5	Pole	8					

24 4130 - Aspen Sapling Well 65.7 15 Unspecified N/A cut in 2008 "You're in Aspen" 11-021-03-01
2/4/21 - inventory completed.

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	1	Sapling	1	15
Red Maple	5	Sapling	1	15
Quaking Aspen	94	Sapling	1	15

25 4130 - Aspen Poletimber Well 116.9 27 Unspecified N/A cut in 1996 "Old Farm Aspen" 11-008-93-01
2/5/21 - inventory completed, stand is starting to self thin.

Canopy Species	% Cover	Size Class	DBH	Age
White Ash	10	Log/Pole	12	
Ironwood	1	Sapling/Pole	3	
Black Spruce	2	Pole/Sapling	6	
American Elm	2	Log/Pole	10	
Red Maple	5	Sapling/Pole	4	
Quaking Aspen	70	Pole/Sapling	7	27
Balsam Fir	5	Pole/Sapling	6	
Black Ash	5	Sapling/Pole	4	

26 6220 - Alder/willow Nonstocked 3.4 Unspecified No 2/4/21 - Did not physically make it to stand.

27 4130 - Aspen Poletimber Well 77.8 35 Unspecified N/A cut in 1988.
2/4/21 - inventory completed. Starting to self thin and put on diameter.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	2	Pole/Sapling	6		White Ash	Low	5 - 10 feet	Sapling
Basswood	2	Pole/Sapling	5		Ironwood	Low	5 - 10 feet	Sapling
Red Maple	2	Pole	6		Red Maple	Low	5 - 10 feet	Sapling
Quaking Aspen	94	Pole	8	35	Balsam Fir	Medium	Variable	Sapling



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																		
28	4130 - Aspen	Poletimber Well	73.2	36	Unspecified	N/A	Cut in 1987. 2/4/21 - Inventory completed, starting to self thin and putting on diameter nicely.																																																		
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29	500 - Water	Nonstocked	5.5		Unspecified	No	2/4/21 - Heavy beaver sign in areas.																																																		
30	4130 - Aspen	Poletimber Well	89.5	34	Unspecified	N/A	Cut in 1989. 2/4/21 - inventory completed. Starting to self thin and put on nice diameter. Also, a few apple trees spotted in old landings.																																																		
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31	6220 - Alder/willow	Nonstocked	1.8		Unspecified	No	2/4/21 - Heavy beaver activity in areas.																																																		
32	4130 - Aspen	Poletimber Well	27.7	34	Unspecified	N/A	Cut in 1989. 2/4/21 - Inventory completed, beaver creek with access road is blocked with beaver dam. Lots of beaver activity along creek.																																																		
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37	3102 - Grass	Nonstocked	3.7			No	Parcel will be nominated for disposal to the USFS.																																																		
39	622 - Lowland Shrub	Nonstocked	10.6			No	Parcel will be nominated for disposal to the USFS.																																																		
41	4130 - Aspen	Poletimber Medium	6.7	50	51-80	N/A	Parcel will be nominated for disposal to the USFS.																																																		
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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42 4130 - Aspen Poletimber Medium 1.7 50 51-80 N/A Parcel will be nominated for disposal to the USFS.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	25	Pole	7		Tag Alder	High	5 - 10 feet	Tall Shrub
Quaking Aspen	60	Pole	8	50	Quaking Aspen	Medium	10 - 20 feet	Sapling
Hemlock	10	Log/Pole	10		Red Maple	Medium	10 - 20 feet	Sapling
White Spruce	5	Log/Pole	10					

43 4130 - Aspen Poletimber Medium 54.3 50 51-80 N/A Parcel will be nominated for disposal to the USFS.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Spruce	5	Log/Pole	10		Tag Alder	High	5 - 10 feet	Tall Shrub
Hemlock	10	Log/Pole	10		Red Maple	Medium	10 - 20 feet	Sapling
Quaking Aspen	60	Pole	8	50	Quaking Aspen	Medium	10 - 20 feet	Sapling
Red Maple	25	Pole	7					

44 4130 - Aspen Poletimber Well 3.8 57 81-110 N/A Part of Norwich Ash, Cut winter 2018. Previous age 74 (11/2019)

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	1	Log/Pole	10	
Red Maple	24	Log/Pole	12	57
White Ash	10	Log/Pole	14	
Quaking Aspen	60	Log/Pole	10	57
Basswood	2	Log	16	
White Spruce	1	Sapling/Pole	4	
Balsam Fir	1	Sapling	4	
Red Oak	1	Pole/Log	8	

Made an AOI on 12/21/12 for ash salvage

Cut as part of "Beaver Bliss Aspen" 11-009-93-01.

2/4/21 - Part of Beaver Bliss Aspen that was not harvested under contract. Look at leaving for long term retention. Small drain appears to have impaired harvesting.

2/4/21 - inventory completed. northern part of sale was not harvested. Split off as stand? Stand could be merged in with stands 20, 21 and 22. Only difference is a little more red maple regen in stand 4.

45 4119 - Mixed Northern Hardwoods Sawtimber Well 7.6 50 111-140 N/A 2/4/21 - inventory completed. part of stand was split off and added to stand 13 due to heavy component of aspen.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Yellow Birch	2	Pole	6		Sugar Maple	Medium	10 - 20 feet	Sapling
Basswood	10	Pole/Log	10		Black Ash	Low	Variable	Sapling
Quaking Aspen	10	Log/Pole	10	50	Ironwood	Low	10 - 20 feet	Sapling
Sugar Maple	15	Log/Pole	12		White Ash	Low	10 - 20 feet	Sapling
White Ash	8	Pole/Log	10		Red Maple	Medium	10 - 20 feet	Pole
Red Maple	55	Log/Pole	16	50				