



Compartment Review Presentation

Baraga Forest Management Unit

Compartment 11069

Entry Year 2021

Acreage: 1,564

County Ontonagon

Management Area: Fourteen Mile Point Lake Plain

Revision Date: 2019-03-04

Stand Examiner: Jason Mittlestat

Legal Description:

Ontonagon Township
T53N, R38W, Sections 14, 15, 22, 23 and 27.

Identified Planning Goals:

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

Soil and topography:

The land is fairly level with valleys where the streams are located. Soils are Watton and Ontonagon clays, Kalkaska sand, Munising loamy sand, Tawas muck, Rubicon and Roselong sands.

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

The majority of the adjacent lands are managed for timber. The private ownership is predominantly industrial forest. There are small private parcels with hunting camps scattered throughout this area. Access is poor, and is limited to a network of poor dirt roads across private lands to the South.

Unique Natural Features:

MNFI recognizes the numerous eagle records within compartment and in vicinity. Potential for osprey, eagle, great blue heron rookery, merlin, red-shouldered hawk, goshawk, moose, and gray wolf. Potential for wood turtle along drainage. Potential for showy orchids, climbing fumitory, goblin fern, male fern, large toothwort, ginseng, and northern marsh violet in mature hardwoods. Potential for veiny meadow-rue, narrow-leaved gentian, and Farwell's water-milfoil in drainages.

Archeological, Historical, and Cultural Features:

There are some identified Indian burial sites in the compartment.

Special Management Designations or Considerations:

BMP guidelines should be followed around the intermittent streams.

Watershed and Fisheries Considerations:

West Sleeping River, East Sleeping River, Holland Creek and Lake Superior are in or adjacent to this compartment.

Wildlife Habitat Considerations:

Favor mesic conifers; White Pine and Hemlock, as well Northern Red Oak. This compartment is known to contain a historical deeryard.

Mineral Resource and Development Concerns and/or Restrictions

Sand/gravel pits are not located in this area and potential appears to be limited. There is no history of mining, exploration, or mineral leasing in this area. The Freda Sandstone, which is the bedrock formation that underlies the compartment, is not known to have any metallic mineral potential. There is no economic oil and gas production in the UP.

Vehicle Access:

Access is a major problem due to soil and water issues. Access is through a network of forest roads that connect from all directions across private ownership. Most of these roads are seasonally passable.

Survey Needs:

Some survey work in sections 15 and 22 will need to be done for harvest activities.

Recreational Facilities and Opportunities:

This area is popular for all types of hunting, there are also some stream fishing opportunities. The area receives some back country snowmobile and ORV use.

Fire Protection:

This is not a fire prone area.

Additional Compartment Information:

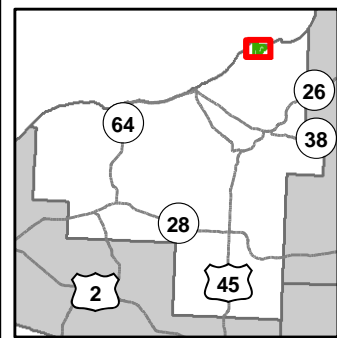
The following reports from the Inventory are attached:

- 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:

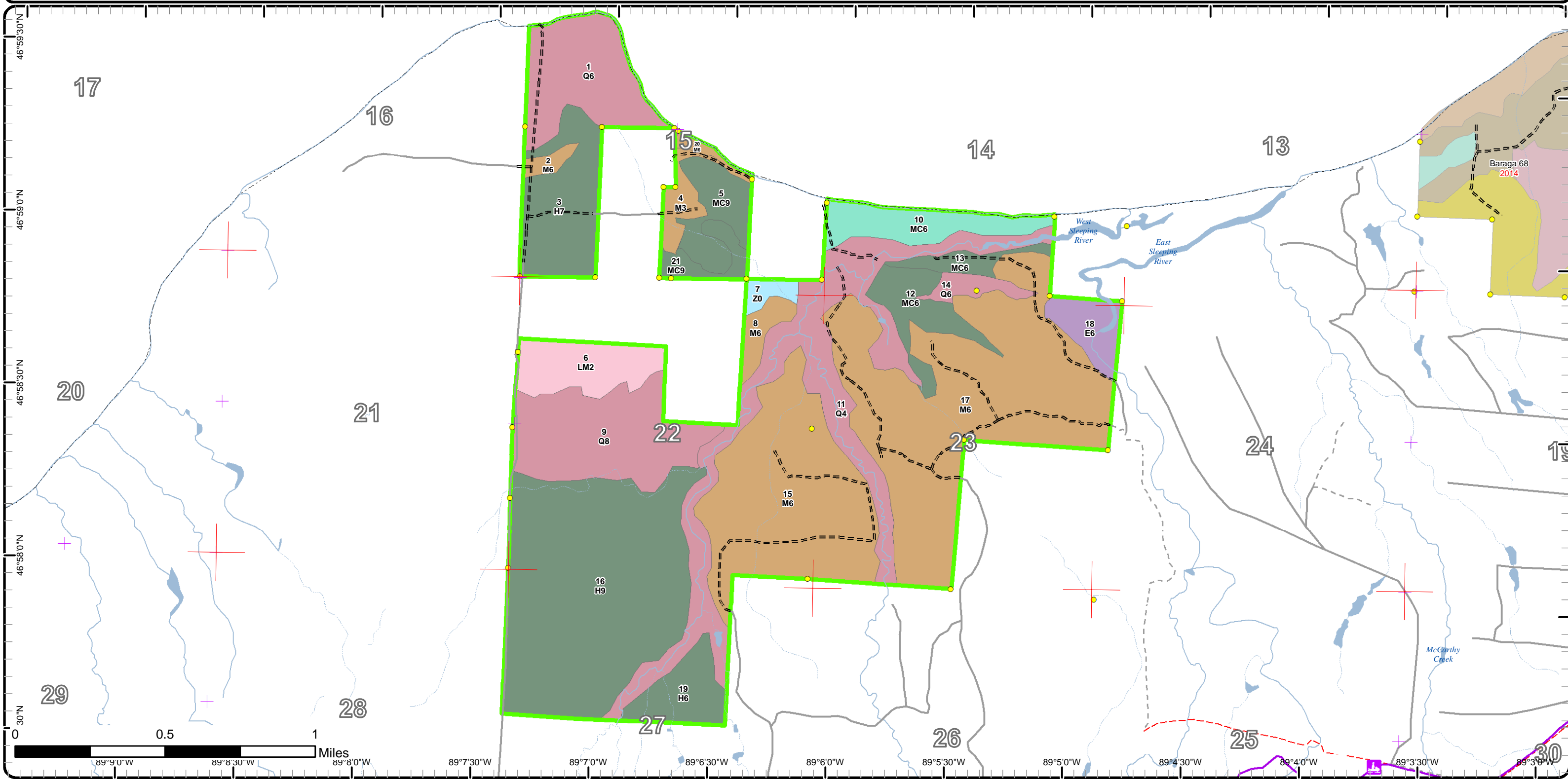
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

Cover Type & Treatments Map

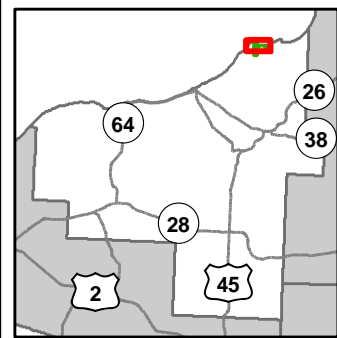


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 Examiner: Jason Mittlestat
 Map Revised: 10/9/2019
 Map Phase: Post Review

- Miris Corners
- + Remonumented Section Corners
- Survey Grade Corners
- Counties
- DNR - Forest Access Route
- County - Dirt Road (Seasonal)
- Private - Paved Road
- Private - Dirt / Gravel Road
- Snowmobile Trails
- Designated Snowmobile Trails
- Intermittent Stream
- Lake/Pond
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- Shoreline
- Lakes and Rivers All
- Compartment Boundary
- 411 - Northern Hardwood
- 423 - Other Upland Conifers
- 429 - Mixed Upland Conifers
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 500 - Water
- Lakes

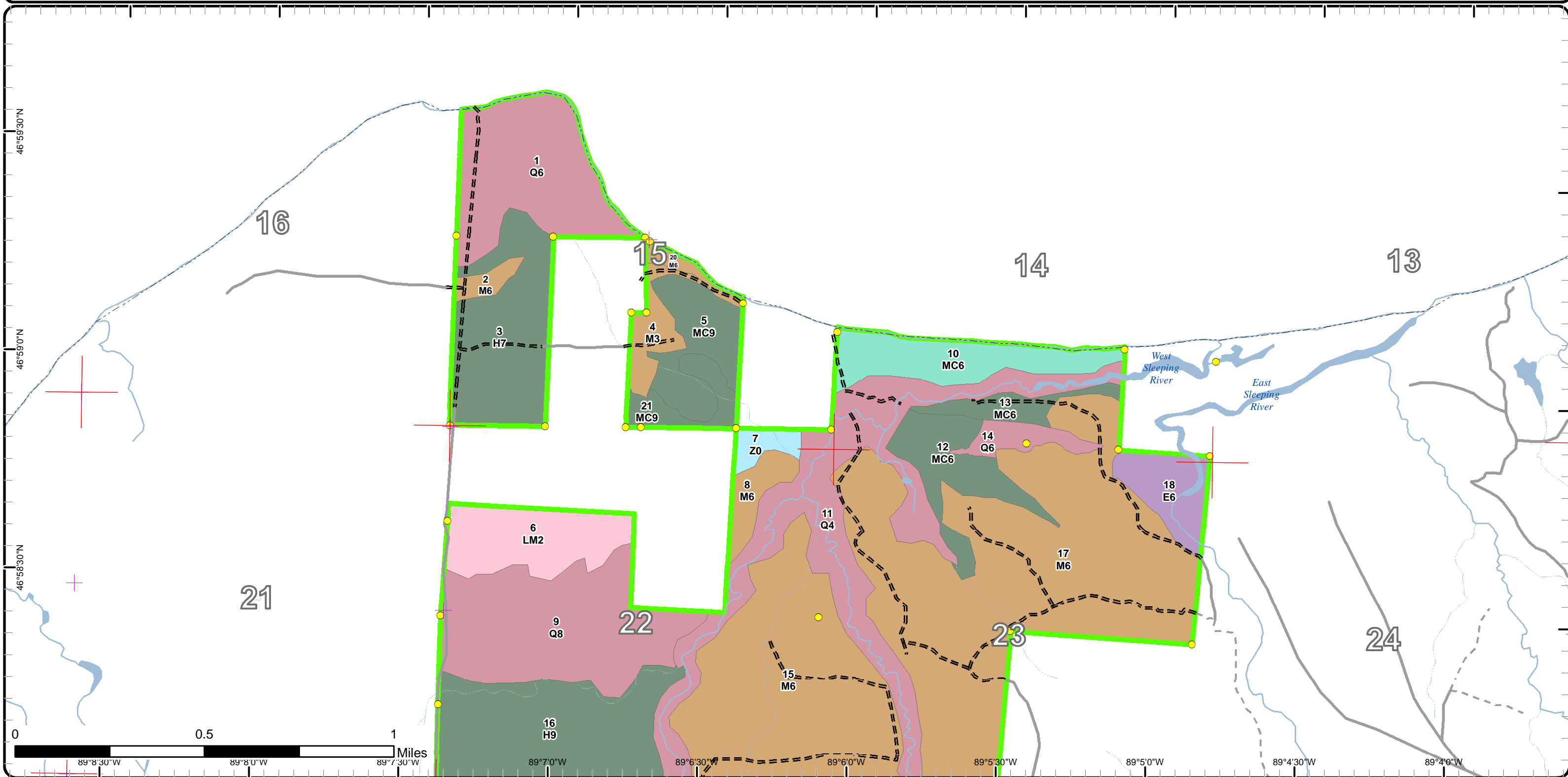


Cover Type & Treatments Map

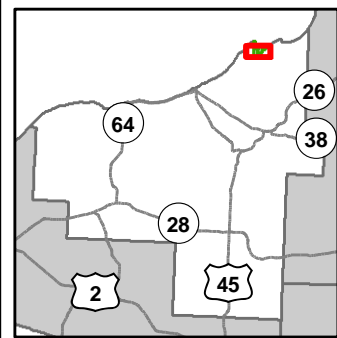


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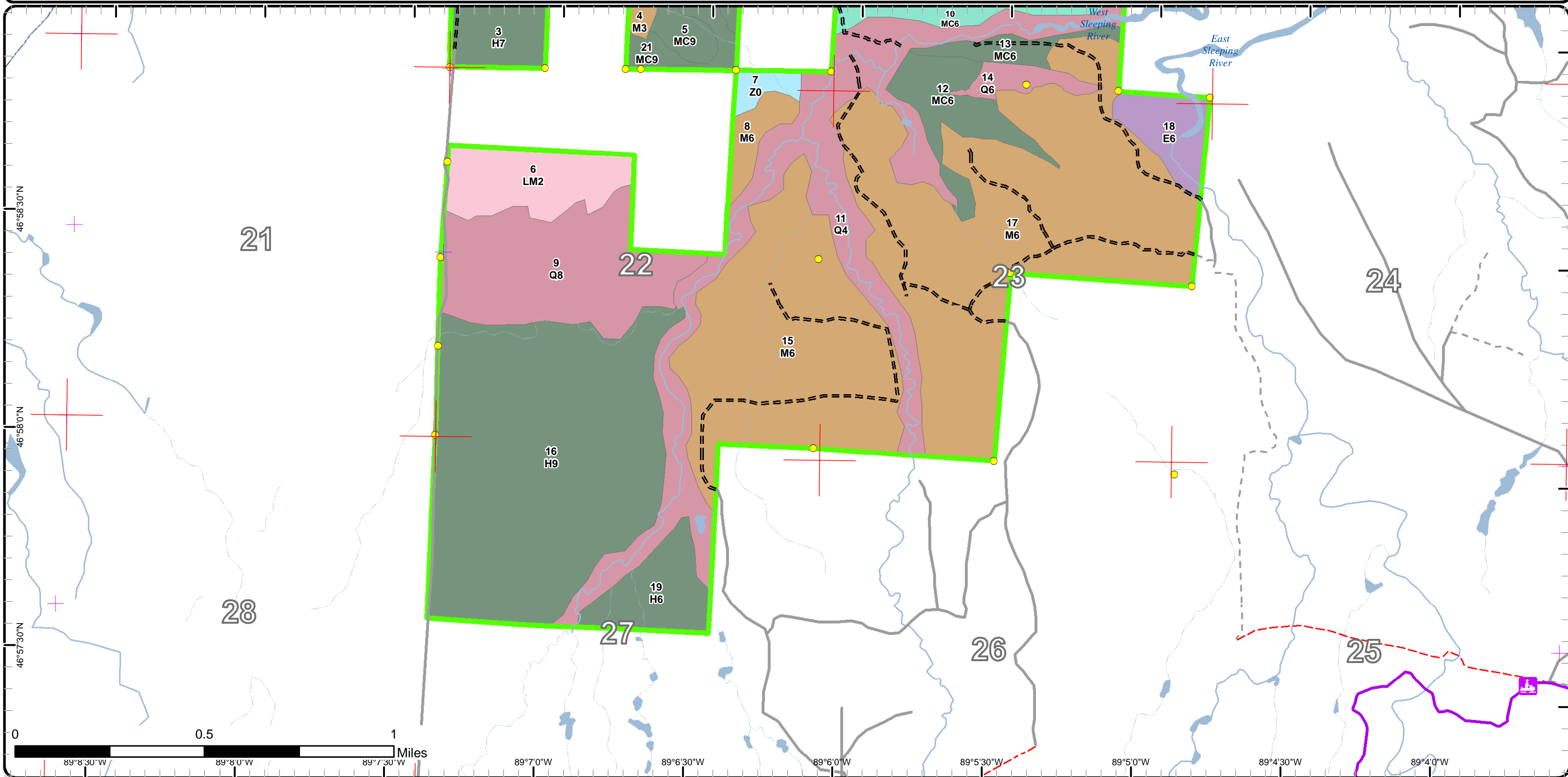


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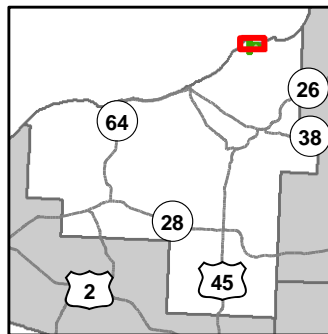
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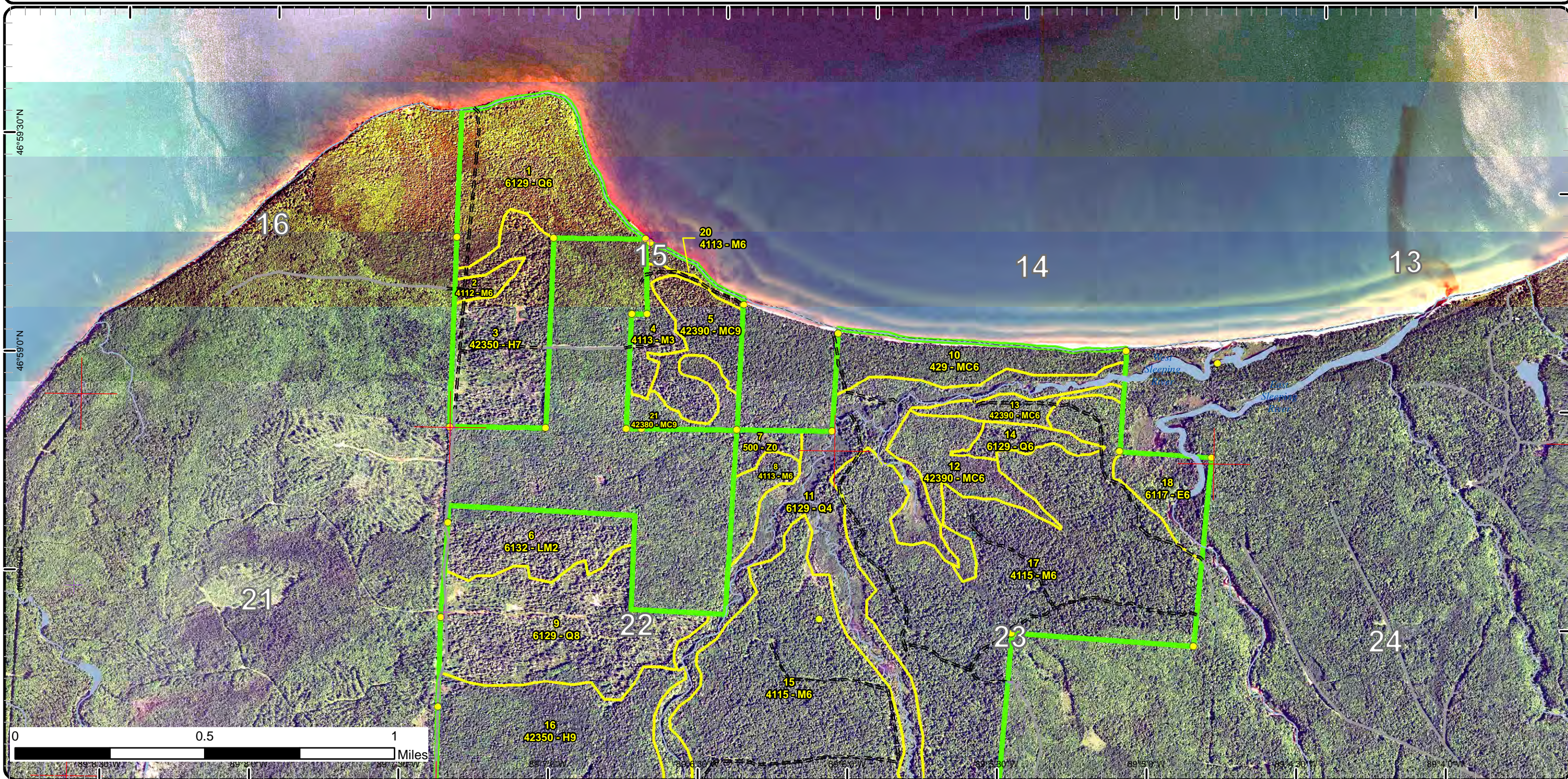


Stand Boundary Map

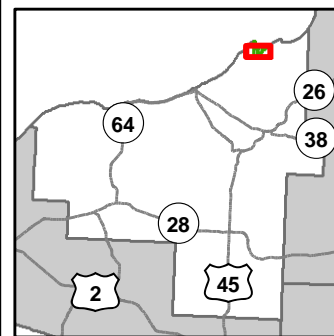
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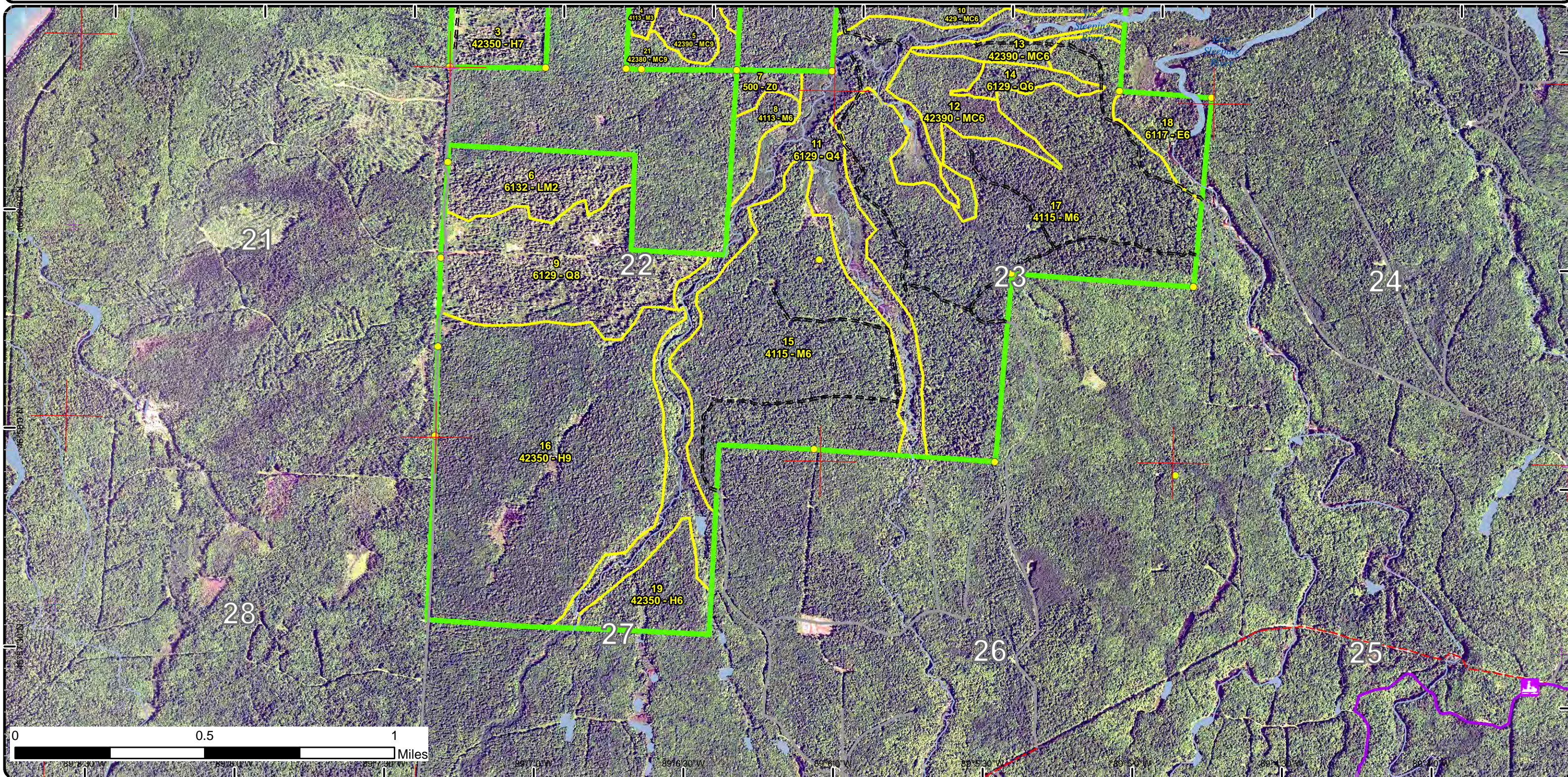


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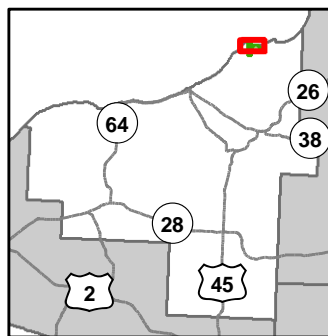
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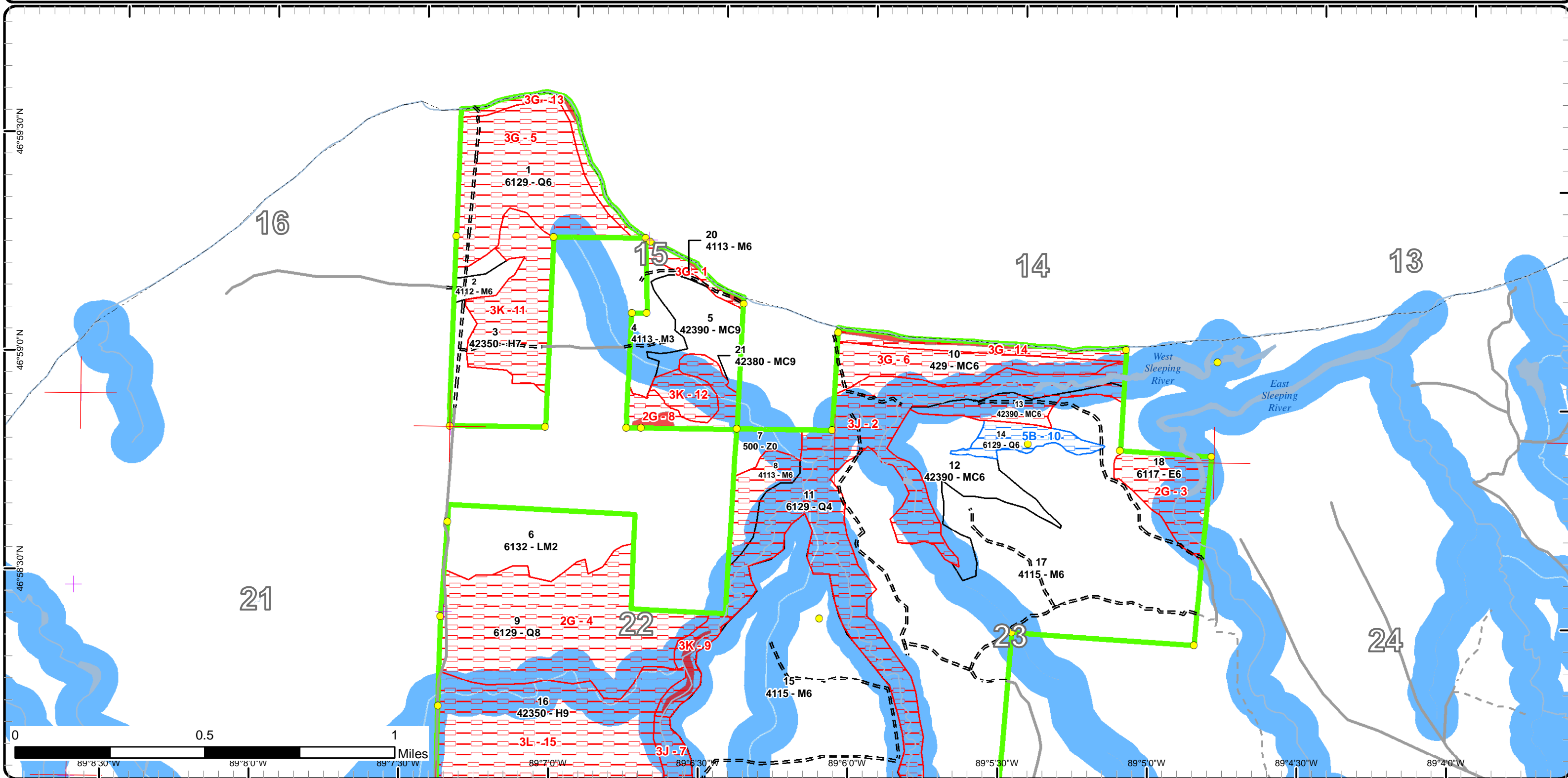


Special Conservation Areas & Site Conditions Map

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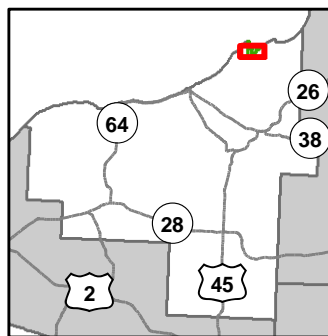


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- Available w/ Constraints
- Unavailable
- 5B: Maintain for regeneration purposes
- 2G: Too wet (sensitive soils, does not include access issues)
- 3G: Other Influence zones - See comments
- 3J: Water quality / BMPs (stream, river, or lake)
- 3K: Rare or unique landforms
- 3L: Other wildlife concerns
- Stand Boundaries
- Ecological Reference Areas
- Cold Water Streams
- Cold Water Lakes
- High Priority Trout Stream Buffer

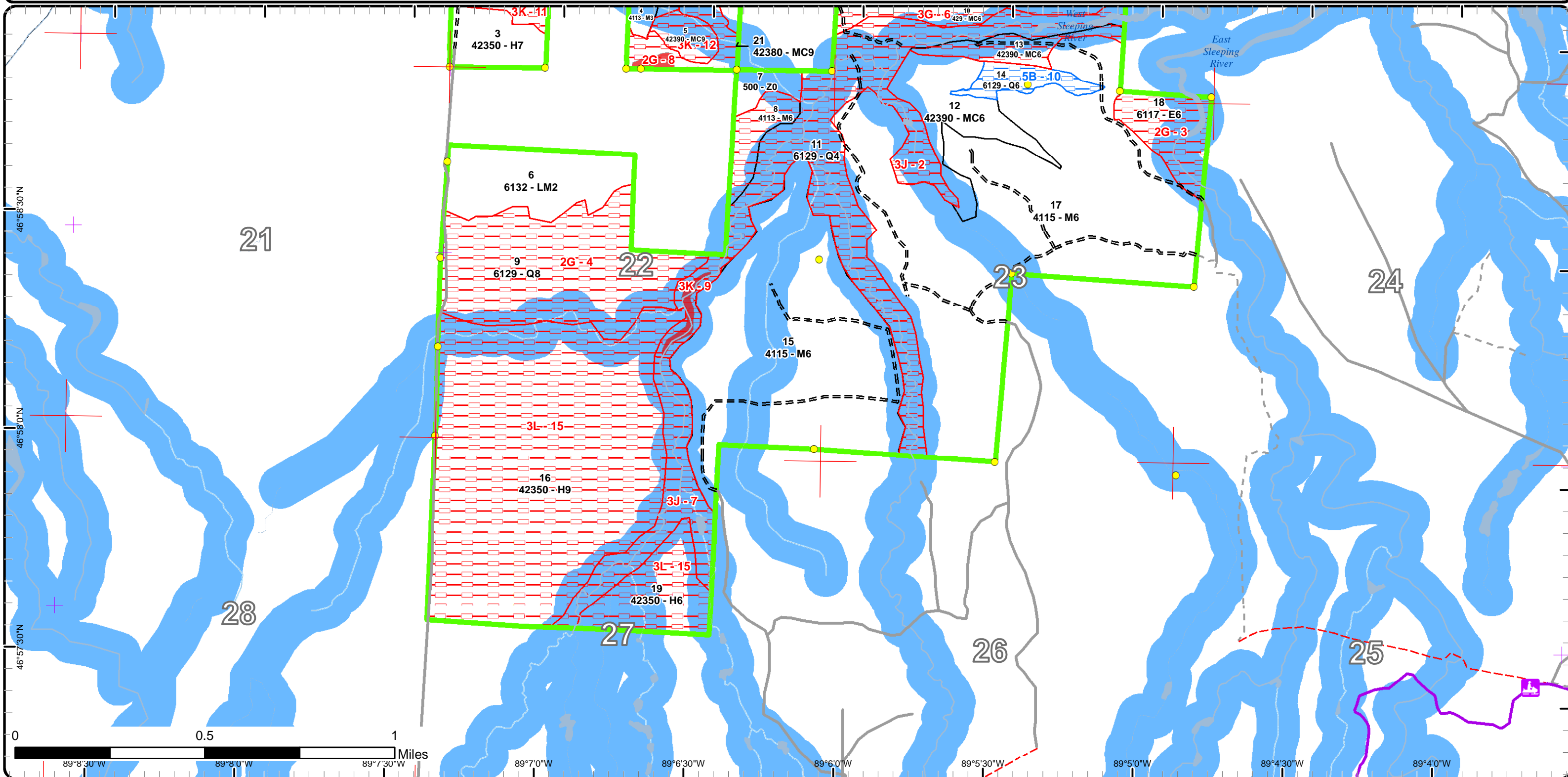


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Report 1 – Total Acres by Cover Type and Age Class



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+	Uneven-Aged	Total
Hemlock	0	0	0	0	0	0	0	0	0	0	0	0	0	0	75	0	315	390	
Lowland Conifers	0	0	0	0	0	0	0	0	0	113	0	0	192	0	0	0	0	85	389
Lowland Deciduous	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	27	27
Lowland Mixed Forest	0	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50
Northern Hardwood	0	0	17	0	0	0	6	0	0	0	7	0	0	0	0	0	0	516	545
Upland Conifers	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100	53	153
Water	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
Total	9	50	17	0	0	0	6	0	0	0	120	0	0	192	0	75	100	996	1563



Report 2 – Treatment Summary

Baraga Mgt. Unit

Year of Entry: 2021

Acres of Harvest

Compartment 69

Total Compartment Acres: 1,564

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



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	Approval Status
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#Type!

Habitat Cut:PrescriptionSpecs:Next StepTreatments:AcceptableRegen:OtherComment:Proposed Start Date:**Site Condition:**

**Total Treatment
Acreage Proposed: 0.0**

Report 4 – Site Conditions

Baraga Mgt. Unit
Jason Mittlestat : Examiner

Compartment: 69
Year of Entry: 2021

Availability for Management

Total	Acres	Acres Avail	Acres
Acres	Available	With Condition	Not Available

Dominant Site Conditions

				5B	2G	3G	3J	3K	3L
390	30	0	360					45	315
390	0	13	377	13	113	85	168	11	
27	0	0	27		27				
50	50	0	0						
546	524	0	21		0	6	15		
152	65	0	88		17	46	15	10	
9	9	0	0		0				
1,564	678	13	873	13	157	138	198	66	315
	43%	1%	56%						

**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	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
1	Unavailable	3G: Other Influence zones - See comments	6	3K: Rare or unique landforms	Unspecified	Unspecified	Unspecified
Comments: ERA - Great Lake Shoreline influence zone.							
2	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	157	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
3	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	27	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Baraga Mgt. Unit

Compartment: 69

Jason Mittlestat : Examiner

Year of Entry: 2021

4	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	113	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
5	Unavailable	3G: Other Influence zones - See comments	75	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Great Lake Shoreline influence zone.							
6	Unavailable	3G: Other Influence zones - See comments	32	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Great Lake Shoreline influence zone.							
7	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	41	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
8	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	17	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
9	Unavailable	3K: Rare or unique landforms	11	3J: Water quality / BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
Comments: ERA - Northern Shrub Thicket							

Report 4 – Site Conditions

Baraga Mgt. Unit

Jason Mittlestat : Examiner

Compartment: 69

Year of Entry: 2021

10	Available	5B: Maintain for regeneration purposes	13	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
11	Unavailable	3K: Rare or unique landforms	45	Unspecified	Unspecified	Unspecified	Unspecified
Comments: ERA - Mesic Northern Forest							
12	Unavailable	3K: Rare or unique landforms	10	Unspecified	Unspecified	Unspecified	Unspecified
Comments: ERA - Mesic Northern Forest							
13	Unavailable	3G: Other Influence zones - See comments	11	3K: Rare or unique landforms	Unspecified	Unspecified	Unspecified
Comments: ERA - Great Lake Shoreline influence zone.							
14	Unavailable	3G: Other Influence zones - See comments	15	3K: Rare or unique landforms	Unspecified	Unspecified	Unspecified
Comments: ERA - Great Lake Shoreline influence zone.							
15	Unavailable	3L: Other wildlife concerns	315	Unspecified	Unspecified	Unspecified	Unspecified
Comments: WLD: Reserve contiguous hemlock stand to benefit American marten and other interior forest obligate wildlife species (goshawk, blackburnian warbler etc.) The juxtaposition of this contiguous hemlock stand provides important cover habitat for wildlife in an area that has significant harvest surrounding it.							

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



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
SCA	Cold Water Lake	A coldwater lake has temperature and dissolved oxygen conditions that allow naturally-reproduced or stocked trout populations and those of other coldwater fish species to persist from year to year. Suitable conditions for coldwater fishes may occur in Michigan lakes if they are relatively deep, have substantial groundwater inflows, or are located in colder (northern) areas of the state. Such lakes are established by Director's action and designated as trout resources by Fisheries Order 200.
SCA	Cold Water Stream	A coldwater stream has temperature and dissolved oxygen conditions that allow naturally-reproduced or stocked trout populations and those of other coldwater fish species (e.g., slimy sculpin) to persist from year to year. Coldwater streams in Michigan typically provide these conditions due to substantial contributions of groundwater to their stream flows. Such streams are established by Director's action and designated as trout resources by Fisheries Order 210.
SCA	Riparian Area	A transitional area between aquatic and terrestrial ecosystems in which the terrestrial ecosystem influences the aquatic ecosystem and vice-versa. Because of the unique conditions adjacent to lakes, streams and open water wetlands, riparian areas harbor a high diversity of plants and wildlife. Riparian communities are ecologically and socially significant in their effects on water quality and quantity, as well as aesthetics, habitat, bank stability, timber production, and their contribution to overall biodiversity.
ERA	Ecological Reference Areas	Ecological Reference Areas (ERAs) are high quality examples of natural communities that have been identified as Element Occurrences (EOs) by the Michigan Natural Features Inventory (MNFI) within the context of their natural community classification system. Element Occurrences with viability ranks of A (Excellent) or B (Good) and a Global (G) or State (S) element (rarity) ranking of endangered (1), threatened (2), or rare (3) serve as an initial base of ERAs. They may be located upon any ownership in the State. The system is comprised of individual or associations of natural community types that are managed for restoration and maintenance of natural ecological processes and values. The public may submit recommendations for lands as ERAs using the DNR Conservation Area Recommendation Form.



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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1 6129 - Mixed Coniferous Lowland Forest Poletimber Well 85.4 180 111-140 N/A

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	13	Sapling/Pole	4	
Balsam Fir	15	Sapling/Pole	4	
Black Spruce	15	Pole	5	
Northern White Cedar	23	Pole	7	
Hemlock	27	XLog	18	180

Canopy Species	Density	Avg. Height	Size
Red Maple	Full	>20 feet	Sapling
Paper Birch	Low	>20 feet	Sapling
Balsam Fir	High	>20 feet	Sapling
Black Spruce	High	Variable	Pole
Northern White Cedar	High	Variable	Pole
Hemlock	Full	Variable	Sapling

2 4112 - Maple, Beech, Cherry Association Poletimber Well 6.5 90 51-80 N/A

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	98	Pole	5	90

Canopy Species	Density	Avg. Height	Size
Red Maple	High	Variable	Tall Shrub
Balsam Fir	Medium	10 - 20 feet	Sapling
Hemlock	Low	5 - 10 feet	Sapling

3 42350 - Upland Hemlock Sawtimber Poor 75.0 140 1-50 N/A

Canopy Species	% Cover	Size Class	DBH	Age
Northern White Cedar	45	Pole	7	
Hemlock	55	Log	15	140

Canopy Species	Density	Avg. Height	Size
Red Maple	Full	Variable	Sapling
Yellow Birch	Full	Variable	Sapling
Balsam Fir	Full	Variable	Sapling
White Spruce	Full	Variable	Sapling
Northern White Cedar	Full	Variable	Sapling
Hemlock	Full	Variable	Sapling
Paper Birch	Low	< 5 feet	Sapling

All hardwoods and softwood removed other than cedar, hemlock and pine. Full understory of hardwood saplings coming up below scattered hemlock.

4 4113 - R.Maple, Conifer Sapling Well 17.1 11 1-50 N/A

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	65	Sapling	1	11
White Spruce	10	Sapling	1	11
Hemlock	10	XLog	20	70

Canopy Species	Density	Avg. Height	Size
Red Maple	High	Variable	Sapling
Paper Birch	High	Variable	Sapling
Balsam Fir	Full	Variable	Sapling
White Spruce	High	>20 feet	Sapling
Hemlock	Full	>20 feet	Sapling



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																										
5	42390 - Mixed Non-Pine Upland Conifers	Sawtimber Well	36.6	180	1-50	N/A	This stand had most of the hardwood removed along with some marked hemlock in 2012-13. There is a good flush of hardwood wips coming up below along with some hemlock and cedar.																																																										
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6	6132 - Mixed Lowland Forest with Cedar	Sapling Medium	49.7	7	Immature	N/A																																																											
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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10 429 - Mixed Upland Conifers Poletimber Well 46.0 180 111-140 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Canopy Species	Density	Avg. Height	Size
Hemlock	50	XLog	20	180	Red Maple	Full	Variable	Sapling
Red Maple	20	Pole	7		Paper Birch	Full	Variable	Pole
Paper Birch	13	Pole	6		Balsam Fir	Full	Variable	Sapling
White Pine	10	XLog	26		White Spruce	Full	Variable	Pole
					Hemlock	Full	Variable	Sapling
					Northern White Cedar	Low	>20 feet	Pole

11 6129 - Mixed Coniferous Lowland Forest Poletimber Poor 179.3 122 Unspecified N/A

Canopy Species	% Cover	Size Class	DBH	Age	Canopy Species	Density	Avg. Height	Size
Balsam Fir	40	Pole	6		Balsam Fir	Medium	10 - 20 feet	Sapling
Northern White Cedar	20	Pole	6		Tag Alder	Full	10 - 20 feet	Tall Shrub
Hemlock	40	Log	15	122				

12 42390 - Mixed Non-Pine Upland Conifers Poletimber Well 38.3 124 171-200 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Canopy Species	Density	Avg. Height	Size
Red Maple	15	Pole	7		Red Maple	High	Variable	Sapling
Northern White Cedar	40	Pole	7	124	Balsam Fir	High	Variable	Sapling
Hemlock	35	Pole/Log	8		Northern White Cedar	High	Variable	Pole
					Hemlock	Full	Variable	Sapling

13 42390 - Mixed Non-Pine Upland Conifers Poletimber Well 14.8 180 171-200 N/A River buffer area.

Canopy Species	% Cover	Size Class	DBH	Age	Canopy Species	Density	Avg. Height	Size
Red Maple	15	Pole	7		Red Maple	High	Variable	Sapling
Balsam Fir	7	Pole	5		Yellow Birch	High	Variable	Sapling
Northern White Cedar	30	Pole	5		Paper Birch	Low	Variable	Pole
Hemlock	40	XLog	18	180	Balsam Fir	Full	10 - 20 feet	Sapling
					White Spruce	Full	10 - 20 feet	Sapling
					Northern White Cedar	Medium	Variable	Pole
					Hemlock	Full	Variable	Pole



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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14 6129 - Mixed Coniferous Lowland Forest Poletimber Well 12.9 122 1-50 N/A Was cut in 2004 - Sleeping Bay Hdwds

Canopy Species	% Cover	Size Class	DBH	Age
Northern White Cedar	40	Pole	7	
White Pine	15	Log	18	
Hemlock	45	Log	14	122

Canopy Species	Density	Avg. Height	Size
Red Maple	Full	5 - 10 feet	Sapling
Balsam Fir	Full	5 - 10 feet	Sapling
White Spruce	Full	5 - 10 feet	Sapling
Northern White Cedar	High	< 5 feet	Sapling
White Pine	High	10 - 20 feet	Sapling
Hemlock	Full	5 - 10 feet	Sapling
Tag Alder	Medium	10 - 20 feet	Tall Shrub

15 4115 - Y.Birch, Hemlock NH Poletimber Well 193.8 109 81-110 N/A Last cut in 2002. The stand is still at 80-110 BA and not ready for an entry yet (2/27/19)

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	20	Pole	7	
Red Maple	35	Pole	7	109
Northern White Cedar	10	Pole	6	
Hemlock	24	Log	18	

Canopy Species	Density	Avg. Height	Size
Sugar Maple	Full	Variable	Sapling
Red Maple	Full	Variable	Sapling
Yellow Birch	Medium	Variable	Sapling
Balsam Fir	Full	>20 feet	Sapling
White Spruce	Full	>20 feet	Sapling
Northern White Cedar	Low	Variable	Pole
Hemlock	High	Variable	Tall Shrub

16 42350 - Upland Hemlock Sawtimber Well 278.2 130 171-200 N/A Deer feed was cut out of the southern portion of the stand in 1978. There are a few pockets of hardwood pole timber from that happening. There are a couple old roads crossing the stand.

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	10	Pole	6	
Northern White Cedar	10	Pole	6	
Hemlock	60	XLog/Log	18	130

Canopy Species	Density	Avg. Height	Size
Sugar Maple	Full	Variable	Sapling
Red Maple	Full	Variable	Sapling
Yellow Birch	Full	Variable	Sapling
Balsam Fir	Full	Variable	Sapling
White Spruce	Full	Variable	Sapling
Northern White Cedar	Full	Variable	Sapling
White Pine	Low	>20 feet	Pole
Hemlock	Full	Variable	Sapling
Tag Alder	High	10 - 20 feet	Tall Shrub

WLD: Reserve contiguous hemlock stand to benefit American marten and other interior forest obligate wildlife species (goshawk, Blackburnian warbler etc.) The juxtaposition of this contiguous hemlock stand provides important cover habitat for wildlife in an area that has significant harvest surrounding it.

17 4115 - Y.Birch, Hemlock NH Poletimber Well 306.7 97 81-110 N/A Cut in 2004 Sleeping HDWD. The stand is still at 80-110 BA (2/27/19) There is an extreme amount of hemlock and yellow birch saplings coming up (10'-15' tall).

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	20	Pole	7	
Red Maple	40	Pole	7	97
Yellow Birch	10	Pole	7	
Northern White Cedar	10	Pole	6	
Hemlock	20	Log	12	

Canopy Species	Density	Avg. Height	Size
Sugar Maple	Full	Variable	Sapling
Red Maple	Full	Variable	Sapling
Balsam Fir	Full	10 - 20 feet	Sapling
Hemlock	High	10 - 20 feet	Pole
Yellow Birch	High	10 - 20 feet	Sapling



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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18 6117 - Lowland Deciduous, Mixed Coniferous Poletimber Well 27.3 120 81-110 N/A Riparian area.

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	17	Pole	6	
Northern White Cedar	10	Pole	5	
Hemlock	10	Pole	12	
Black Ash	45	Log	10	120

Canopy Species	Density	Avg. Height	Size
Sugar Maple	High	Variable	Sapling
Red Maple	Full	Variable	Sapling
Balsam Fir	Full	Variable	Sapling
White Spruce	Full	Variable	Sapling
Northern White Cedar	High	Variable	Pole
Hemlock	Medium	Variable	Sapling
Black Ash	Full	Variable	Sapling

19 42350 - Upland Hemlock Poletimber Well 37.0 130 171-200 N/A

Hemlock stand, the hardwood was cut in the 70's for deer feed. Small pole sized hardwood with lots of various sized hemlock.

Canopy Species	% Cover	Size Class	DBH	Age
Northern White Cedar	15	Pole	6	
Hemlock	60	XLog/Log	18	130

Canopy Species	Density	Avg. Height	Size
Sugar Maple	Full	Variable	Sapling
Red Maple	Full	Variable	Sapling
Yellow Birch	Full	Variable	Sapling
Balsam Fir	Full	Variable	Sapling
White Spruce	Full	Variable	Sapling
Northern White Cedar	Full	Variable	Sapling
White Pine	Low	>20 feet	Sapling
Hemlock	Full	Variable	Sapling
Tag Alder	High	10 - 20 feet	Tall Shrub

WLD: Reserve contiguous hemlock stand to benefit American marten and other interior forest obligate wildlife species (goshawk, blackburnian warbler etc.) The juxtaposition of this contiguous hemlock stand provides important cover habitat for wildlife in an area that has significant harvest surrounding it.

20 4113 - R.Maple, Conifer Poletimber Well 6.2 50 1-50 N/A

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	65	Pole	8	50
White Spruce	10	Log	12	
Hemlock	10	Log	20	

Canopy Species	Density	Avg. Height	Size
Red Maple	High	Variable	Sapling
Paper Birch	High	Variable	Sapling
Balsam Fir	Full	Variable	Sapling
White Spruce	High	>20 feet	Sapling
Hemlock	Full	>20 feet	Sapling

21 42380 - Non Pine Upland Conifer, Mixed Deciduous Sawtimber Well 16.8 150 111-140 N/A

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	20	Log	16	
Paper Birch	10	Log	10	
Northern White Cedar	12	Pole	6	
Hemlock	45	XLog	20	150

Canopy Species	Density	Avg. Height	Size
Red Maple	Full	Variable	Sapling
Balsam Fir	Full	Variable	Sapling
White Spruce	Full	Variable	Sapling
Northern White Cedar	Full	Variable	Sapling
Hemlock	Full	Variable	Sapling
Tag Alder	Low	10 - 20 feet	Tall Shrub