



Compartment Review Presentation

Shingleton Forest Management Unit

Compartment 41068

Entry Year 2026

Acreage: 1,647

County Schoolcraft

Management Area: St. Ignace Lake Plain

Stand Examiner: Thomas Burnis

Legal Description:

T42N R14W Sections 2,3,10,11,14-17,20,21,29,30 T42N R15W Section 36

Identified Planning Goals:

The main goal of this compartment is to conduct multiple resource management for current and future generations.

Soil and topography:

The topography is mostly flat consisting of swamp conifers with a limited amount of aspen and hardwoods. The majority of the acreage lies within the Milakokia Limestone Outcrop Land Type Association.

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

This compartment is 6 miles long and 6 miles wide of non-contiguous state land, broken by private and corporate lands. Development consists of permanent dwellings and hunting camps. Hunting is the main use within the compartment and the snow machine trail runs through part of this compartment.

Unique Natural Features:

No Unique Natural Features known.

Archeological, Historical, and Cultural Features:

No Historical, or Cultural Features known. Two possible archeological sites have been submitted for review in section 15, stands 35 and 47.

Special Management Designations or Considerations:

This is a traditional deer yarding area.

Watershed and Fisheries Considerations:

T42N R14W Sec. 2,3,10,11,14-17,20,21,29,30 T42N R15W Section 36

NLMMU – John Bauman: This compartment includes stands that border Marblehead Lake, Palmer Lake, and Merwin Lake. 100-foot, plus 5 feet per 1% increase in slope, buffers are recommended for Marblehead Lake, Palmer Lake, and Merwin Lake, to protect shoreland resources in accordance with Best Management Practices. Interdivisional collaboration should be considered, where opportunities to improve nearshore littoral habitat exist.

Examiner: T. Burnis

Wildlife Habitat Considerations:

Wildlife featured species: Woodcock, blackburnian warbler, red-shouldered hawk and deer. This compartment lies northeast of Manistique and contains Merwin Lake. The compartment is a composite of lowland coniferous swamps and upland deciduous forests. State land ownership is broken with substantial acres of private property intermixed. General land office survey notes show that in the 1850s, lowlands were dominated by cedar, spruce, and tamarack. The upland forests in sections 10,11,14,15 consisted primarily of aspen and birch while the upland forest near Merwin Lake supported sugar maple, beech, yellow birch, hemlock, and balsam fir.

Mineral Resource and Development Concerns and/or Restrictions

Sections 2-3,10-11,14-17, 20-21, 29-30, & 36, T42N-R14W, Schoolcraft County

No known potential exists for commercial oil & gas production in this part of the state, and there is no known potential for occurrences of commercial deposits of metallic or critical minerals in this area. Several active aggregate mining operations exist in the vicinity of the compartment, on upland areas, producing sand & gravel from glacial drift and crushed stone from bedrock limestone/dolostone. There is some potential for additional production of the same aggregate resources on upland areas within the compartment. No current leasing activity exists in the area involving State-owned mineral rights.

Vehicle Access:

County roads run throughout this compartment, however, vehicle access into the actual state land is limited due to the fact that most of the area is cedar swamp.

Survey Needs:

Survey corners will need to be determined in the following areas: T42N R14W sec 10 SWSE, sec 11 SWSE, sec 15 center, sec21 center. T42N R15W sec 36 NWNE.

Also, an existing monument located T42N R14W common to sections 9,10,15,16 appears to be wrong.

Recreational Facilities and Opportunities:

There are no facilities. Opportunities include hunting and snowmobiling.

Fire Protection:

Fire potential is generally low throughout the compartment however, a fire start in the lowland areas would be extremely difficult to access but not likely to grow to significant size.

Additional Compartment Information:

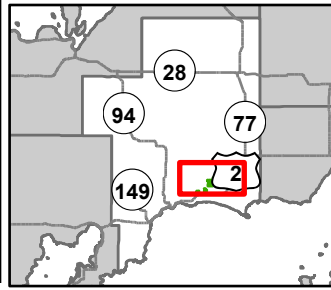
The following reports from the Inventory are attached:

- 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**

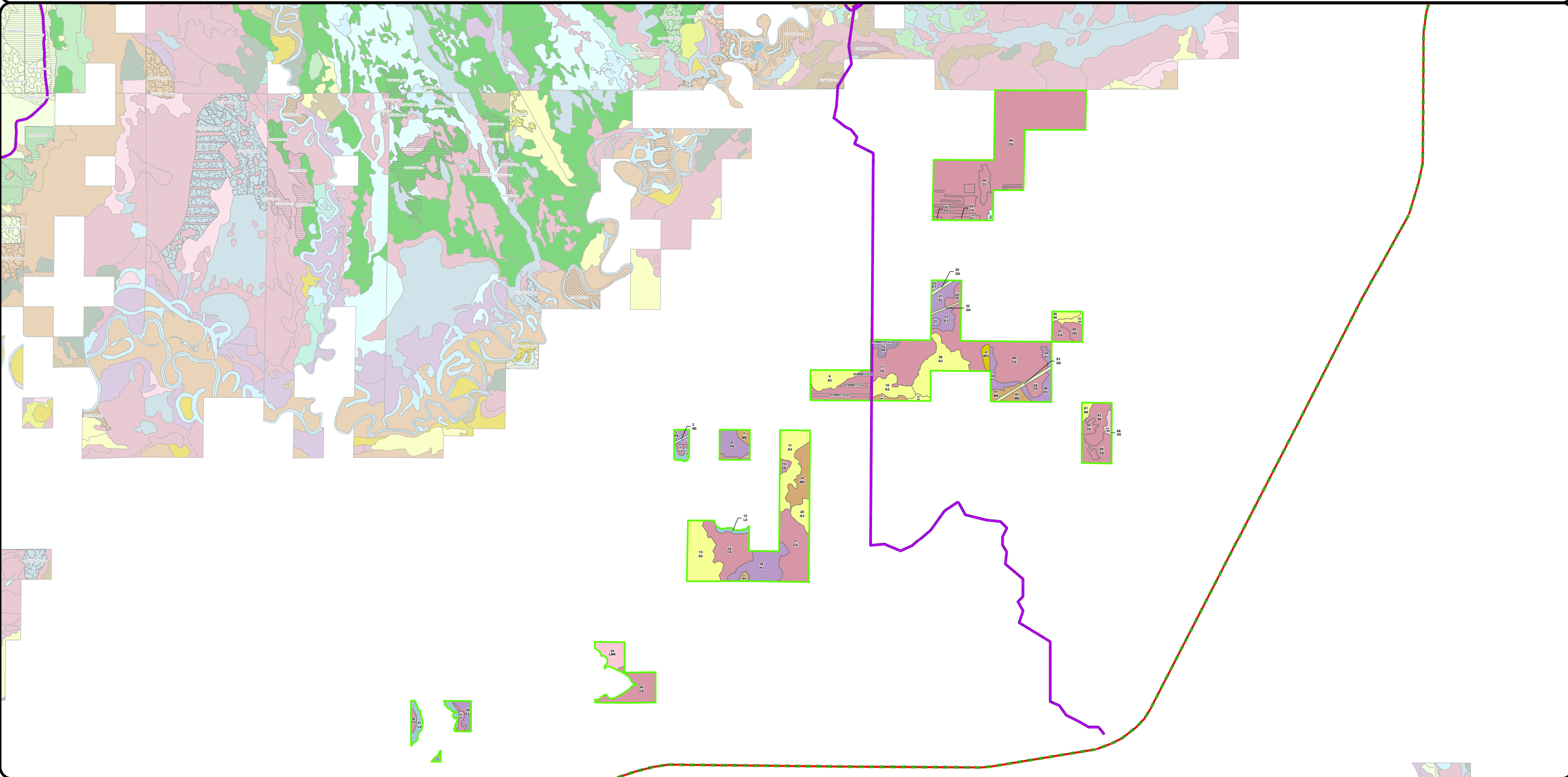
Cover Type & Treatments Map



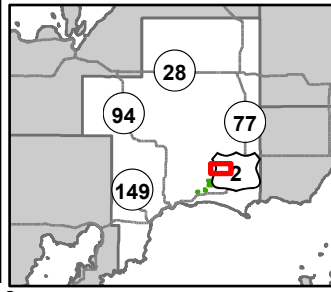
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 T42N R14W Sections
 2,3,10,11,14-17,20,21,29,30
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 Unit: Shingleton
 Mgmt Area: St. Ignace Lake
 Plain
 YOE: 2026
 Acres: 1647.5 GIS Calculated
 Examiner: Thomas Burnis
 Map Revised: 08/05/2024
 Map Phase: Web Post



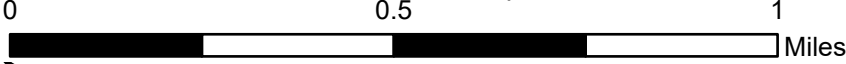
- | | | |
|---------------------------------|---------------------------------|----------------------------|
| - - Designated Bicycle Trails | 411 - Northern Hardwood | 613 - Lowland Mixed Forest |
| — Designated Snowmobile Trails | 413 - Aspen Types | 122 - Roads/Parking Lot |
| □ Compartment Boundary | 419 - Mixed Upland Deciduous | 310 - Herbaceous Openland |
| ▨ Clearcut (w/Reserves) | 611 - Lowland Deciduous Forest | 622 - Lowland Shrub |
| □ Patch/Strip Cut (Femelschlag) | 612 - Lowland Coniferous Forest | 623 - Emergent Wetland |



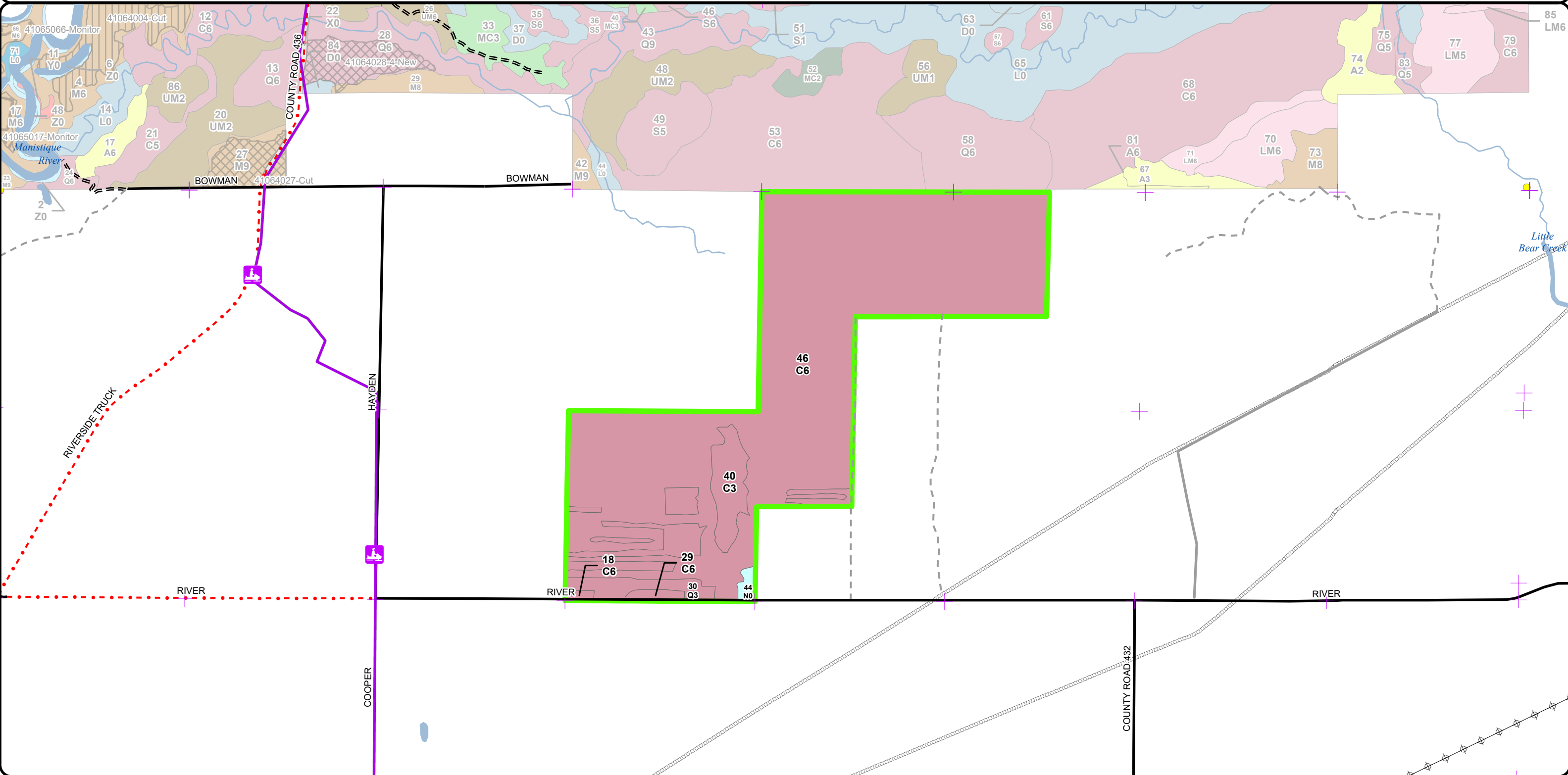
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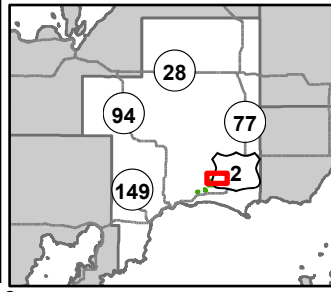
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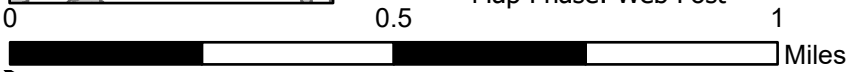
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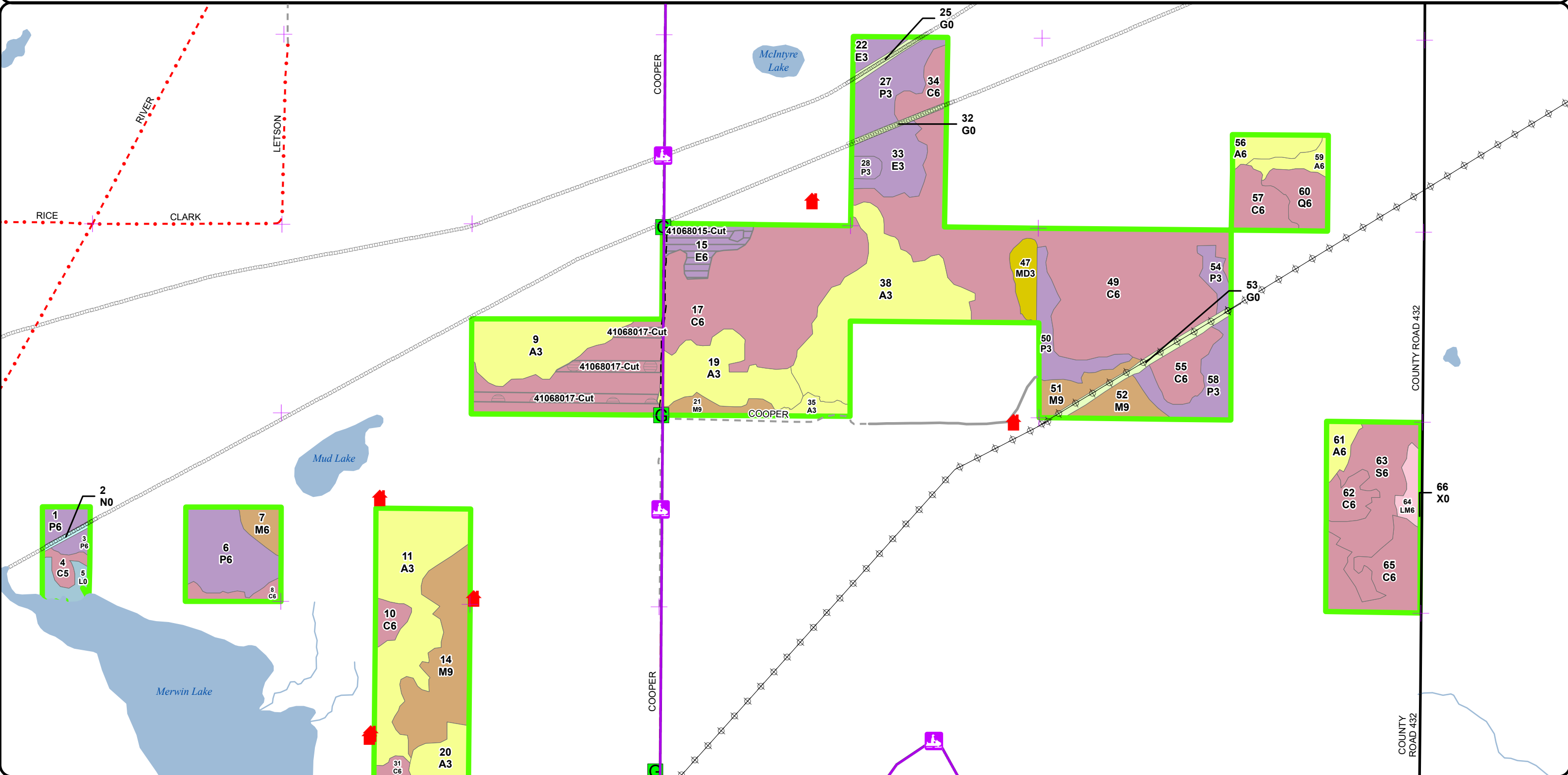
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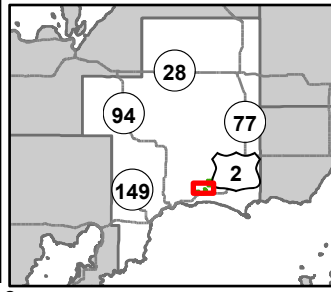
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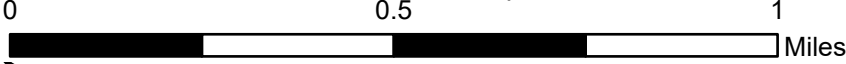
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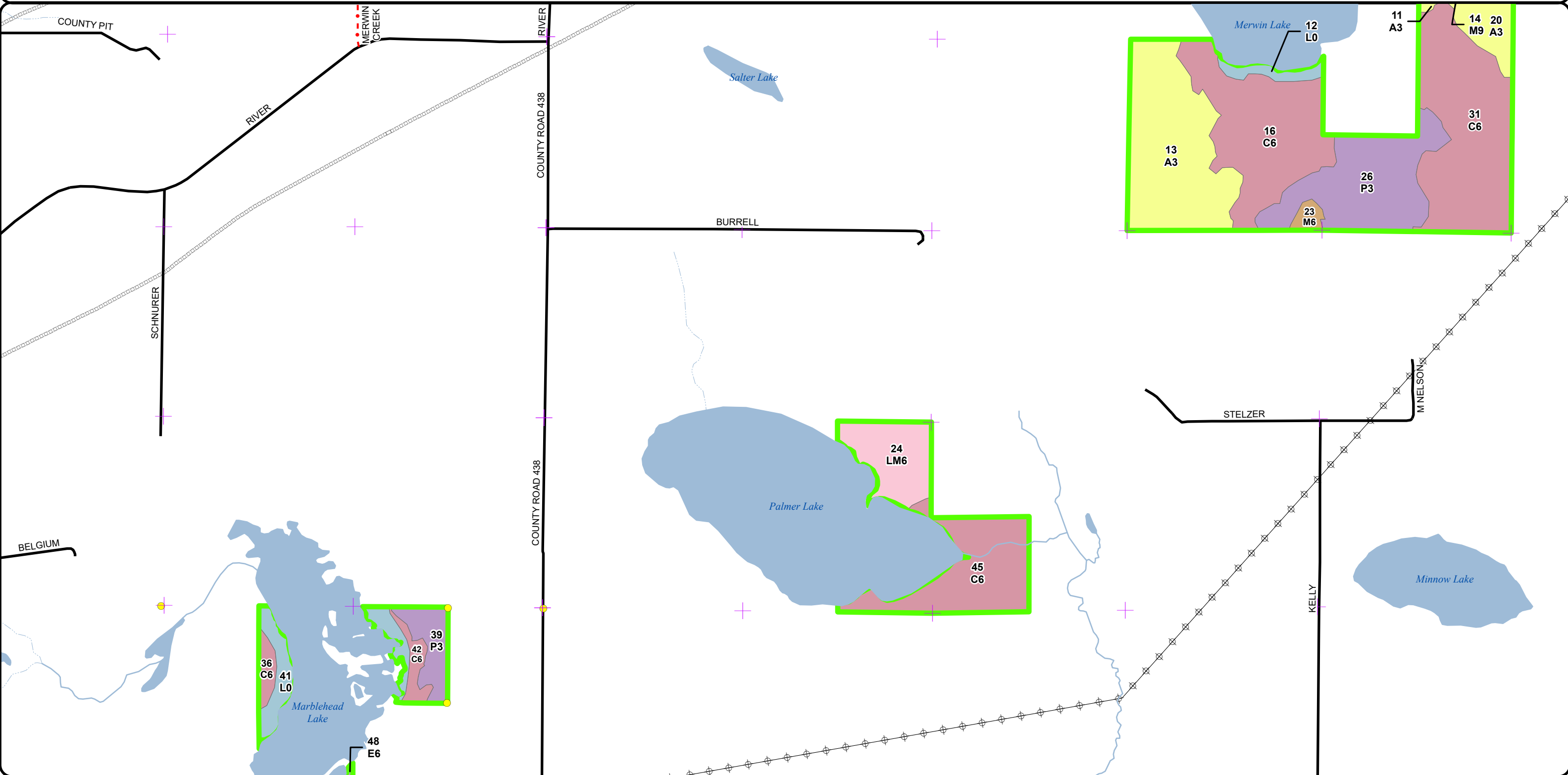
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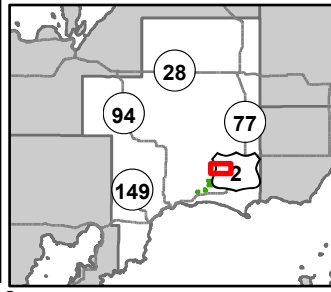
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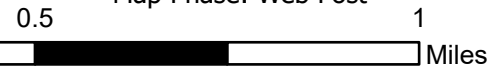
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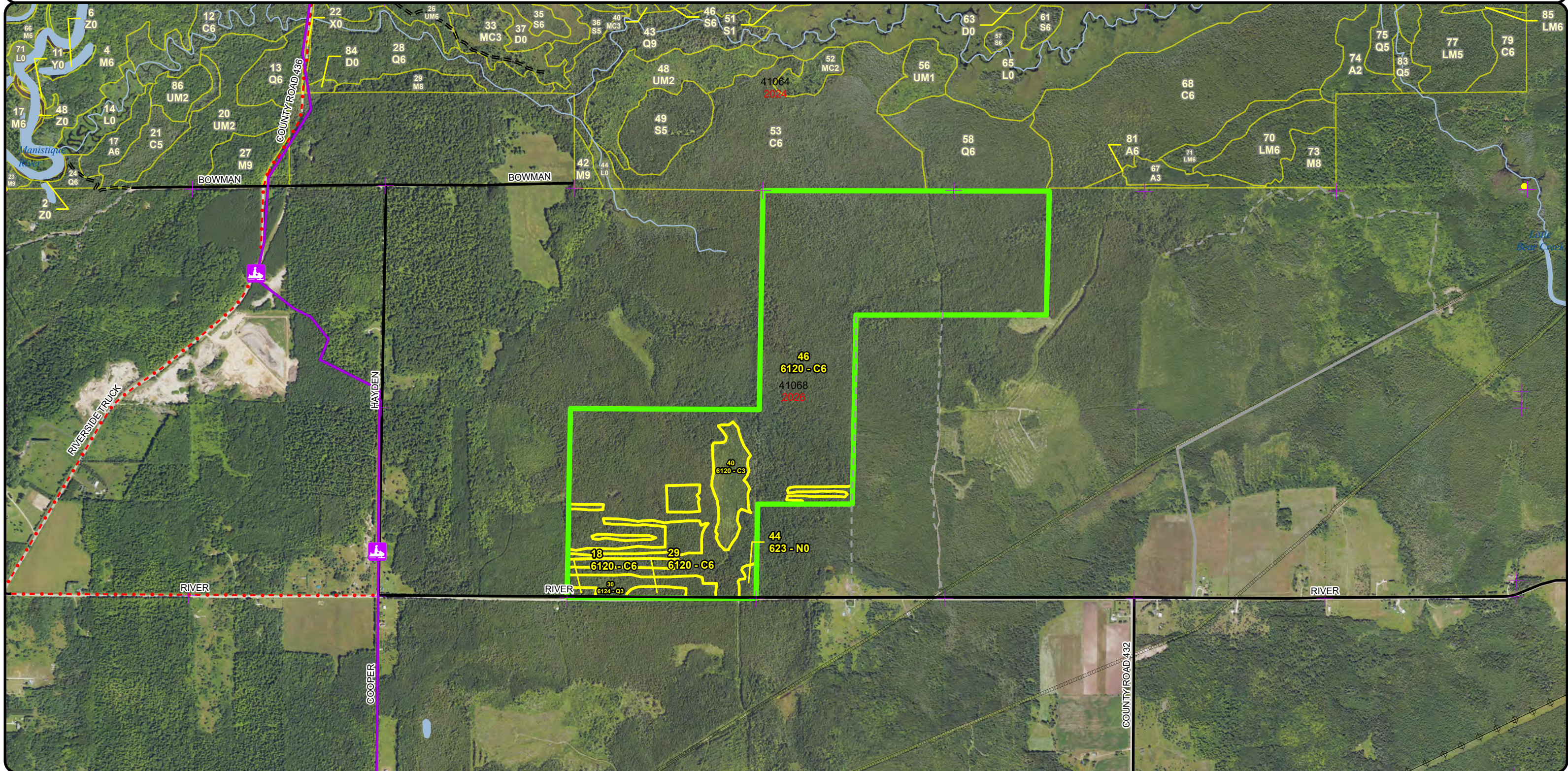
Stand Boundary Map



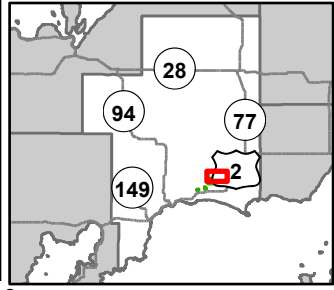
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Stand Boundary Map



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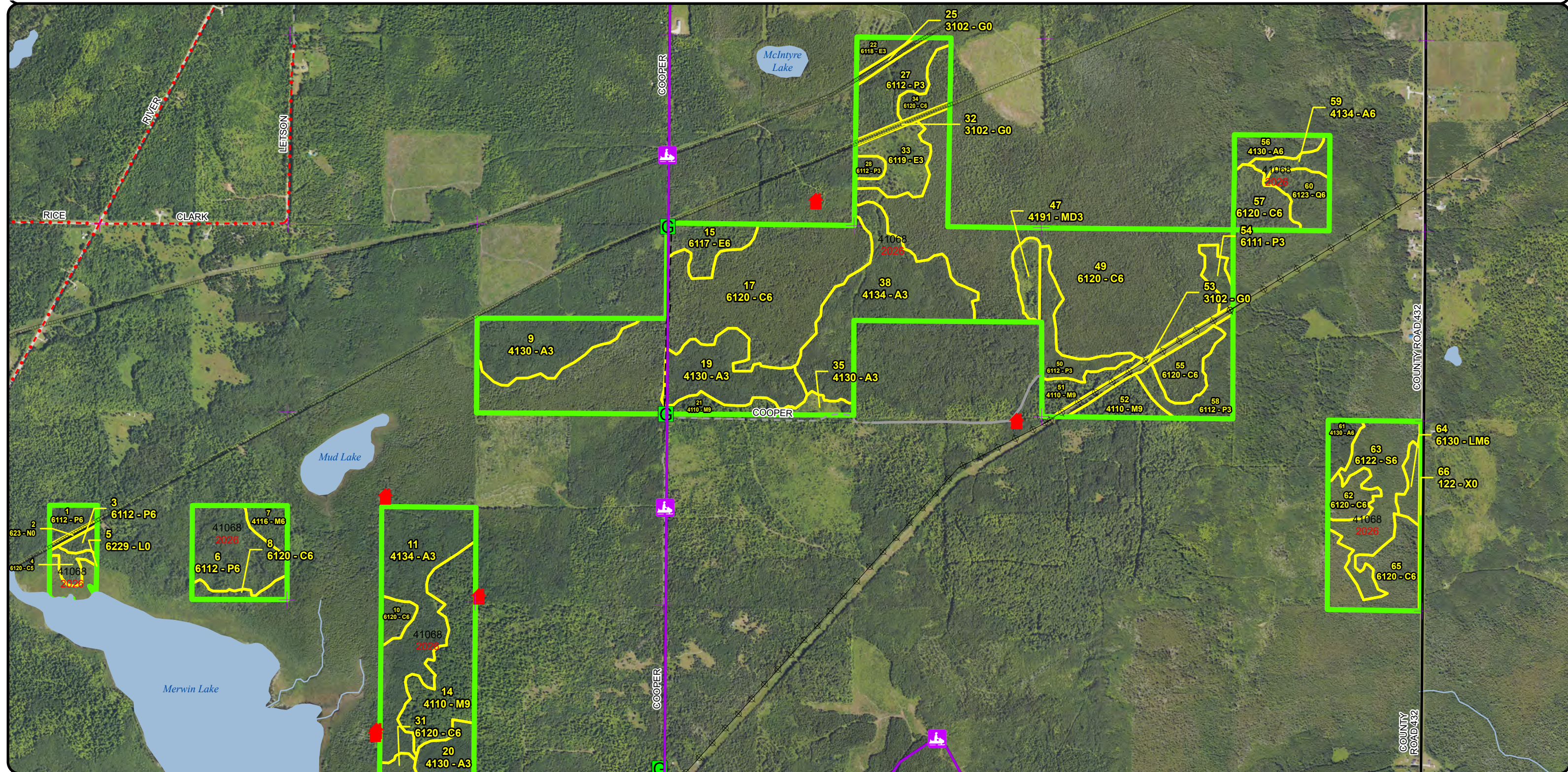
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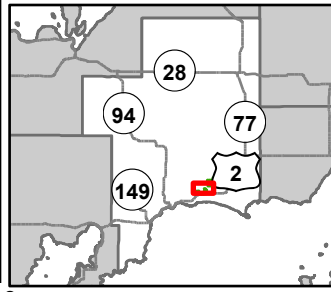
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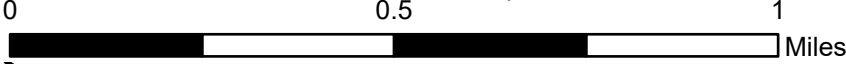
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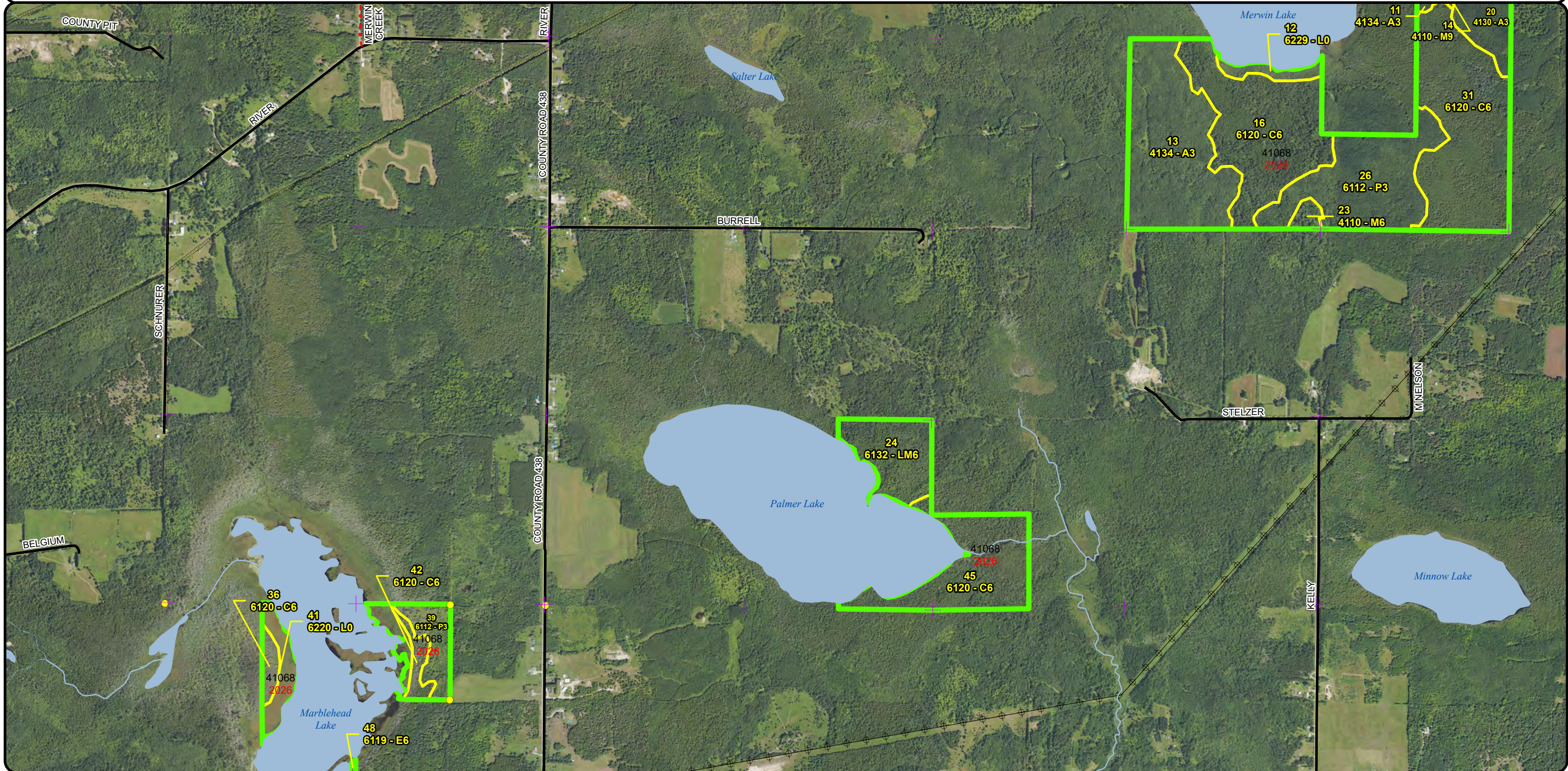
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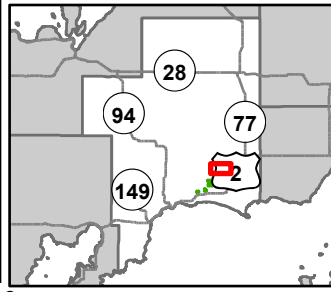
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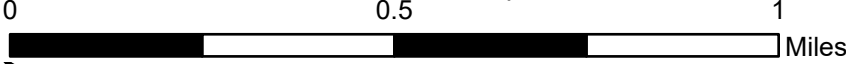
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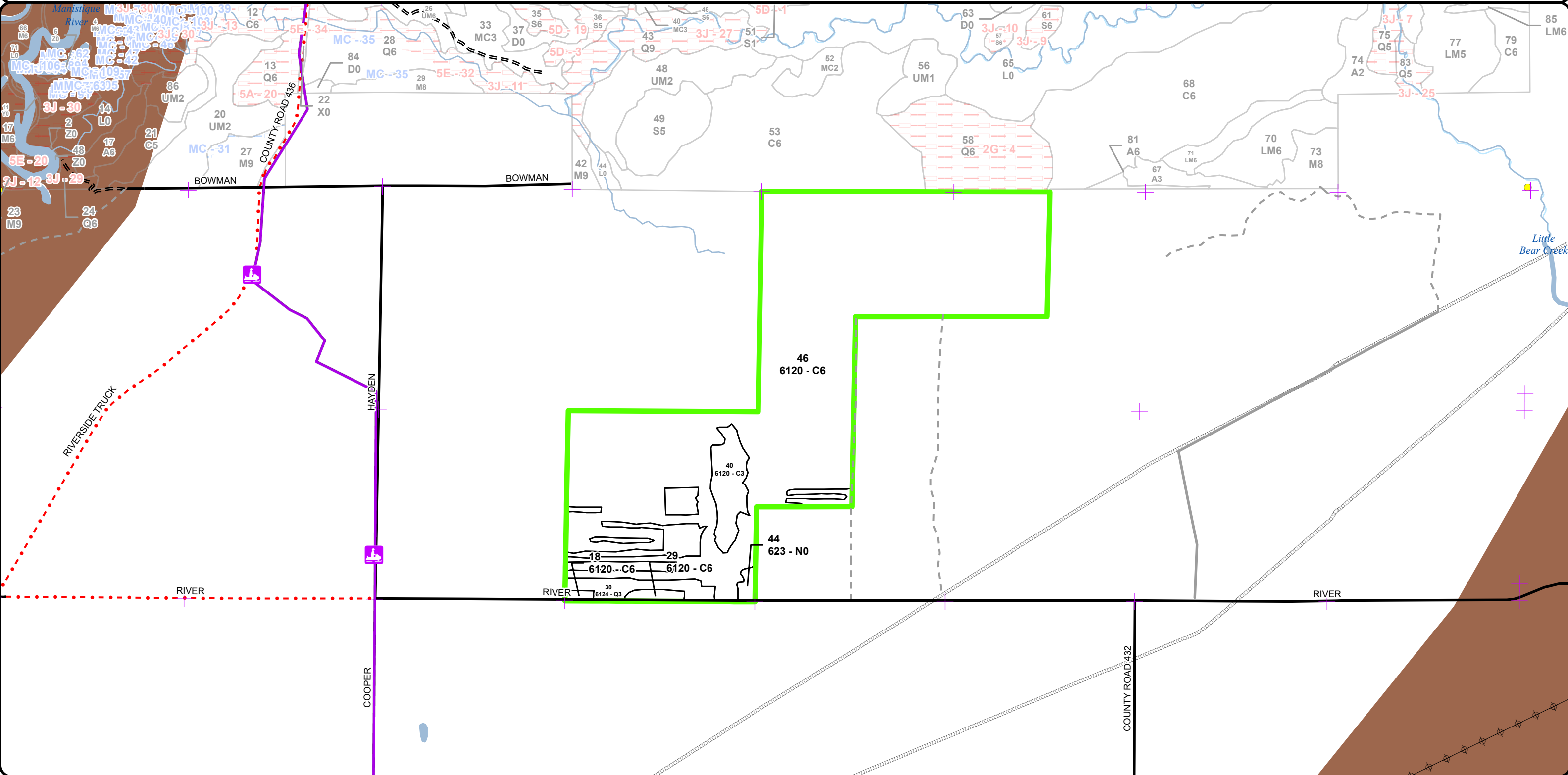
**Special Conservation Areas
& Site Conditions Map**



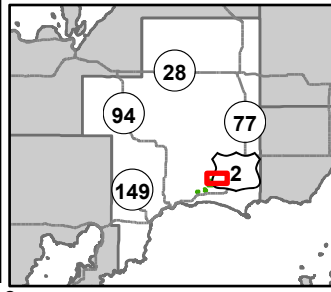
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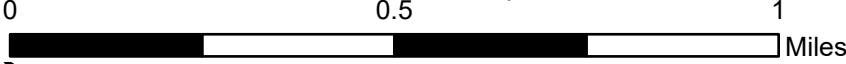
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- Stand Boundaries
- Cold Water Streams
- Deer Winter Range



Special Conservation Areas & Site Conditions Map



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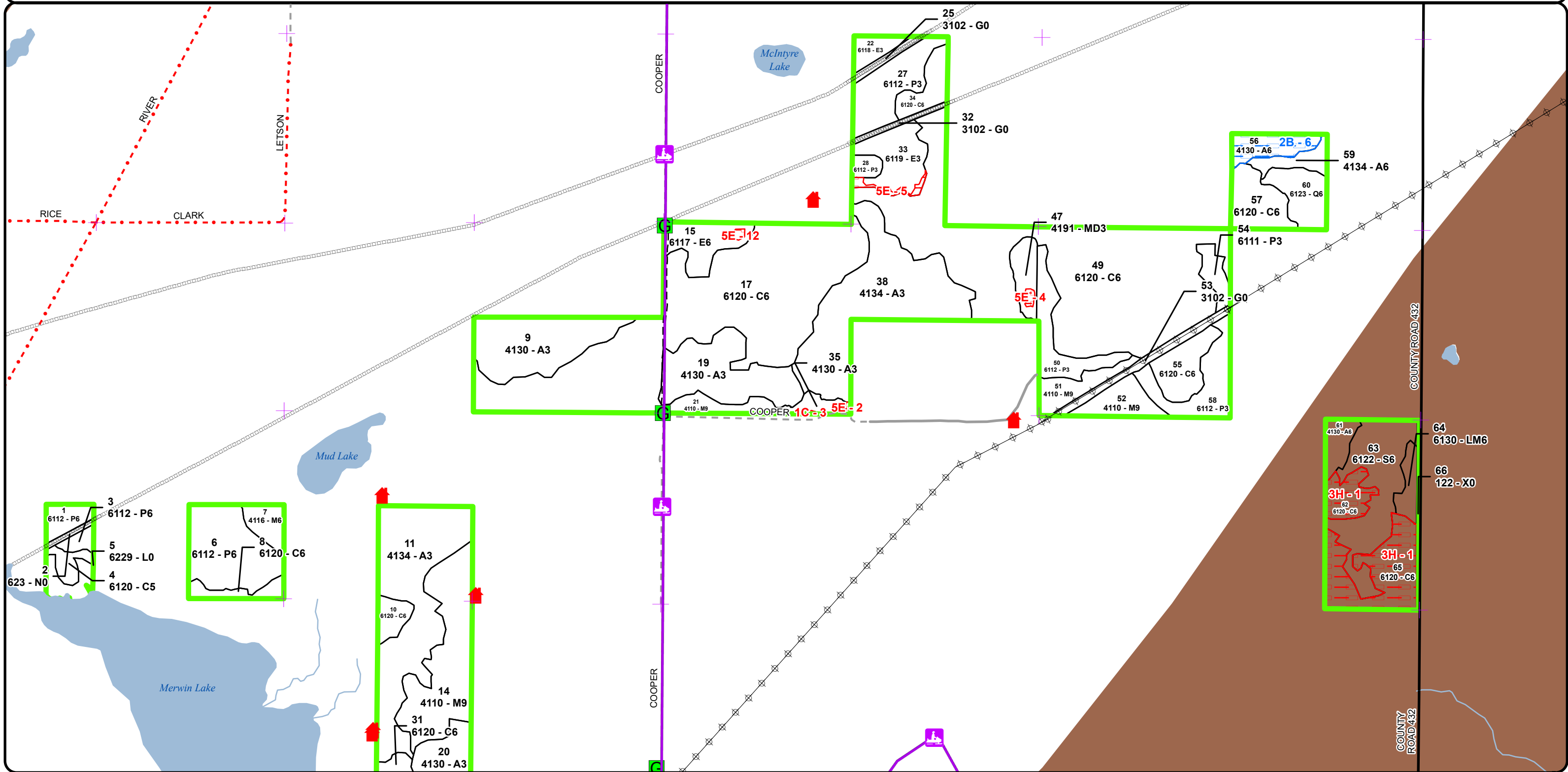


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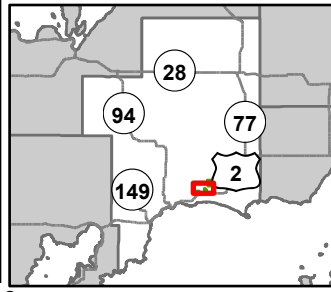
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- Available w/ Constraints

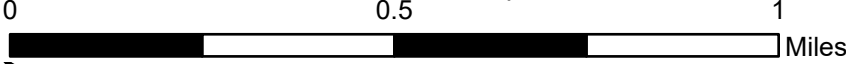
- Unavailable
- 1C: Other dept or div proc/practices
- 5E: Long-Term Retention
- Stand Boundaries
- Deer Winter Range



**Special Conservation Areas
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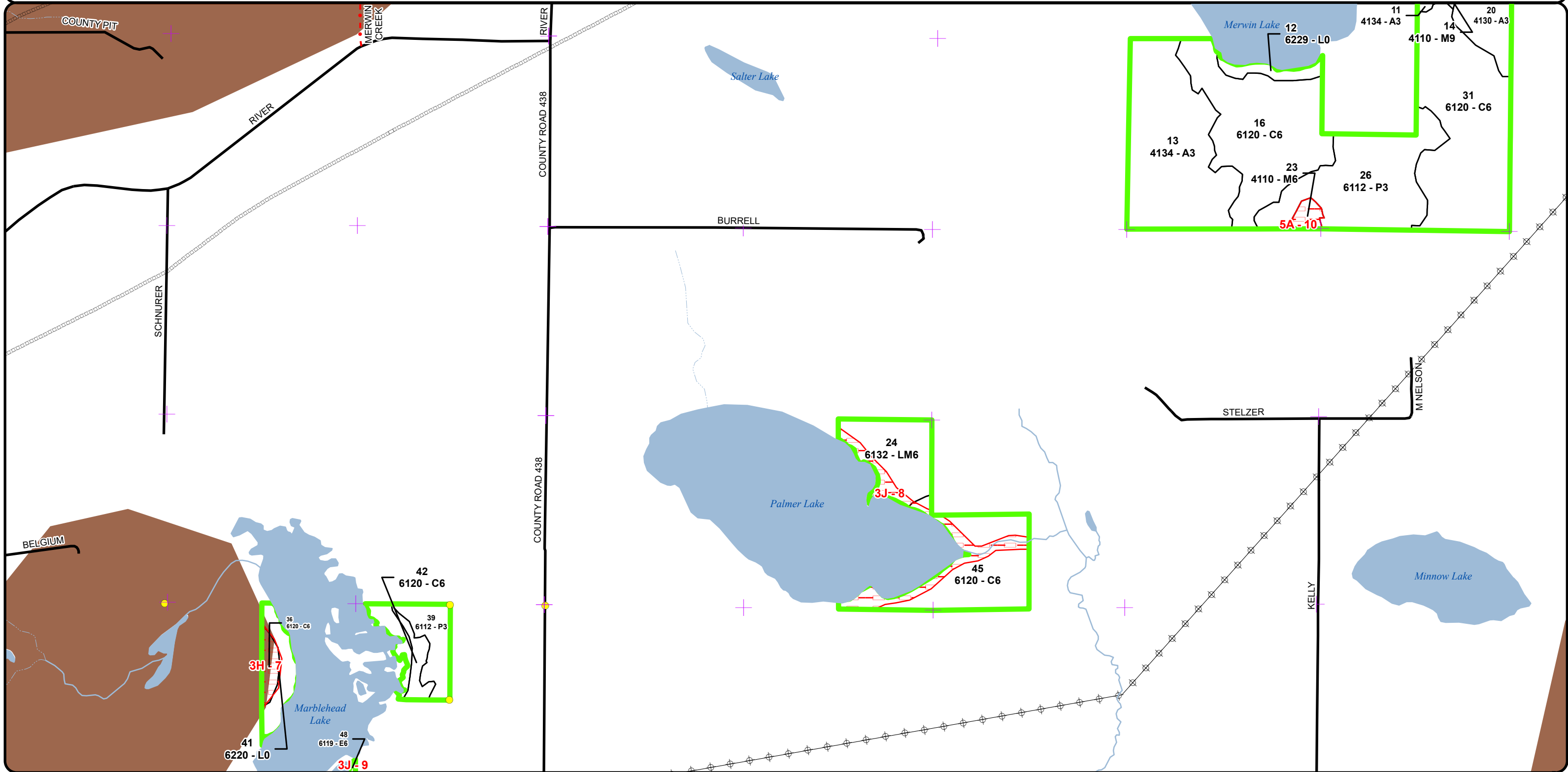


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- Powerline
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- Unavailable
- 3J: Water quality / BMPs (stream, river, or lake)
- 5A: Not able to obtain desirable regeneration
- Stand Boundaries
- Deer Winter Range



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+	Uneven-Aged	Total
Aspen	0	5	0	71	163	44	0	9	0	0	0	0	0	0	0	0	0	0	292
Cedar	0	0	15	0	0	0	0	0	0	5	146	48	11	695	0	0	0	0	919
Herbaceous Openland	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12
Lowland Aspen/Balsam Poplar	0	13	0	20	75	53	0	0	0	0	0	0	0	0	0	0	0	0	161
Lowland Conifers	0	0	0	0	0	45	0	0	0	0	0	0	0	0	0	0	0	0	45
Lowland Deciduous	0	17	0	0	5	0	0	0	0	16	0	0	0	0	0	0	0	0	38
Lowland Mixed Forest	0	0	0	0	0	5	0	0	0	26	0	0	0	0	0	0	0	0	31
Lowland Shrub	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30
Lowland Spruce/Fir	0	0	0	0	0	32	0	0	0	0	0	0	0	0	0	0	0	0	32
Marsh	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Mixed Upland Deciduous	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
Northern Hardwood	0	0	0	0	0	0	0	0	0	0	0	75	0	0	0	0	0	0	75
Urban	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Total	48	43	15	91	243	179	0	9	0	47	146	123	11	695	0	0	0	0	1649



Report 2 – Treatment Summary

Shingleton Mgt. Unit

Year of Entry: 2026

Acres of Harvest

Compartment 68

Total Compartment Acres: 1,647

Commercial Harvest - 28
 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
Cedar	0	0	15	0	0	0	0	0	0	15
Lowland Deciduous	13	0	0	0	0	0	0	0	0	13
Total	13	0	15	0	0	0	0	0	0	28

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	28	0	0	0	0	0	0	0	0	28
Next Step	0	0	0	0	0	0	28	0	0	28
Total	28	0	0	0	0	0	28	0	0	56



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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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Proposed Treatments:

15	41068015-Cut	13.1	6117 - Lowland Deciduous, Mixed Coniferous	Poletimber Well	88	51-80	Harvest	Clearcut with Retention	6112 - Lowland Aspen	Even-Aged	No
<p><u>Prescription</u> Cut all trees. Protect the advanced understory. Must be winter cut. <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Mix of existing spp. <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition</u> <u>Proposed Start Date:</u> 10/1 /2025</p>											
17	41068017-Cut	14.9	6120 - Lowland Cedar	Poletimber Well	120	201+	Harvest	Strip/Patch/Gap Cut (Femelschlag)	6120 - Lowland Cedar	Even-Aged	No
<p><u>Prescription</u> Create 2 chain wide strips within stand. Cut all trees within the strip. <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Any of the existing tree species. <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition</u> <u>Proposed Start Date:</u> 10/1 /2025</p>											

Total Treatment 28
Acreage Proposed:

Report 4 – Site Conditions

Shingleton Mgt. Unit
Thomas Burnis : Examiner

Compartment: 68
Year of Entry: 2026



Availability for Management

Total Acres	Acres Available	Acres Avail			Dominant Site Conditions						
		With Condition	Not Available		2B	1C	3H	3J	5A	5E	
292	282	9	1	Aspen	9	0					1
919	867	0	52	Cedar			39	13			
12	12	0	0	Herbaceous Openland							
161	161	0	0	Lowland Aspen/Balsam Poplar							
45	45	0	0	Lowland Conifers							
37	33	0	5	Lowland Deciduous				2			2
32	26	0	5	Lowland Mixed Forest				5			
30	30	0	0	Lowland Shrub			0				
32	32	0	0	Lowland Spruce/Fir							
4	4	0	0	Marsh							
8	7	0	1	Mixed Upland Deciduous							1
75	71	0	3	Northern Hardwood					3		
2	2	0	0	Urban							
1,647	1,571	9	68	Total Forested Acres	9	0	39	21	3		4
	95%	1%	4%	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	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	34	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
2	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Shingleton Mgt. Unit
Thomas Burnis : Examiner

Compartment: 68
Year of Entry: 2026



3	Unavailable	1C: Other dept or div proc/practices	0	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
4	Unavailable	5E: Long-Term Retention	1	(Inactive)3I: Historical / archeological (add locked comments)	Unspecified	Unspecified	Unspecified
Comments:							
5	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
6	Available	2B: Unknown if access through adjacent landowner(s) is possible	9	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
7	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
8	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	19	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Shingleton Mgt. Unit
Thomas Burnis : Examiner

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9	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
10	Unavailable	5A: Not able to obtain desirable regeneration	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Stand is too small and inaccessible to manage on its own. Should be included with adjacent stands when they are ready for harvest.							
12	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

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	Habitat Area	An area that provide some specific need for the life cycle of wildlife species, including State Wildlife Areas and Waterfowl Production Areas, deer wintering complexes in lowland conifer communities, grassland openings and savannas. Habitat areas are distinct from critical habitat designated for recovery of endangered or threatened species (such as Kirtland's warbler or piping plover areas) in that they are more general in nature, are not primarily associated with threatened or endangered species, and are not covered by species recovery plans that are developed in cooperation with Federal agencies.



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments		
1	6112 - Lowland Aspen	Poletimber Well	5.7	47		N/A	10/26/23 TB: Land is offered for exchange		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Bigtooth Aspen		70	Pole/Sapling	5	47	Balsam Fir	Medium	< 5 feet	Sapling
Balsam Fir		30	Pole/Sapling	5		Alder	Medium	5 - 10 feet	Tall Shrub
2	623 - Emergent Wetland	Nonstocked	1.3			No	10/26/23 TB: Land is offered for exchange.		
3	6112 - Lowland Aspen	Poletimber Well	2.7	47		N/A	10/26/23 TB: Land is offered for exchange		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Bigtooth Aspen		70	Pole/Sapling	5	47	Balsam Fir	Medium	< 5 feet	Sapling
Balsam Fir		30	Pole/Sapling	5		Alder	Medium	5 - 10 feet	Tall Shrub
4	6120 - Lowland Cedar	Poletimber Medium	4.1	96		N/A	10/26/23 TB: Land is offered for exchange		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir		20	Pole/Sapling	5		Alder	High	5 - 10 feet	Tall Shrub
Northern White Cedar		80	Pole	5	96				
5	6229 - Mixed lowland shrub	Nonstocked	6.3			No	10/26/23 TB: Land is offered for exchange		
6	6112 - Lowland Aspen	Poletimber Well	28.3	47		N/A	10/26/23 TB: Land is offered for exchange		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir		20	Pole	5		Alder	Medium	5 - 10 feet	Tall Shrub
Balsam Poplar		30	Pole/Sapling	5		Balsam Fir	Low	< 5 feet	Sapling
Bigtooth Aspen		50	Pole/Sapling	5	47				
7	4116 - Mixed N. Hardwood - Aspen	Poletimber Well	6.5	103	81-110	N/A	10/26/23 TB: Land is offered for disposal		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple		30	Pole/Log	7		Red Maple	Medium	< 5 feet	Sapling
Bigtooth Aspen		30	Pole	7		Sugar Maple	Medium	< 5 feet	Sapling
Red Maple		40	Log/Pole	13	103				
8	6120 - Lowland Cedar	Poletimber Well	5.2	120		N/A	10/26/23 TB: Land is offered for exchange		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Paper Birch		10	Pole	6		Balsam Fir	Low	< 5 feet	Sapling
Balsam Fir		20	Pole	6					
Northern White Cedar		70	Pole	9	120				



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments		
9	4130 - Aspen	Sapling Well	31.8	40		N/A	Mud Lake sale # 076 81		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Bigtooth Aspen		80	Sapling/Pole	4	40	Balsam Fir	Medium	5 - 10 feet	Sapling
Balsam Fir		10	Sapling/Pole	4					
Red Maple		10	Sapling/Pole	4					
10	6120 - Lowland Cedar	Poletimber Well	5.3	80		N/A			
Canopy Species		% Cover	Size Class	DBH	Age				
Northern White Cedar		80	Pole	5	80				
Black Spruce		15	Pole	5					
Paper Birch		5	Pole	5					
11	4134 - Aspen, Spruce/Fir	Sapling Well	55.6	37		N/A	Cut as sale # 001 85 01/08/24 TB: Contains Areas of Mature Aspen 6 inch DBH.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Bigtooth Aspen		70	Sapling/Pole	4	37	Balsam Fir	Medium	>20 feet	Sapling
Balsam Fir		20	Sapling	4					
Paper Birch		5	Sapling	4					
Black Cherry		5	Sapling	4					
12	6229 - Mixed lowland shrub	Nonstocked	6.1			No			
13	4134 - Aspen, Spruce/Fir	Sapling Well	71.1	22		N/A	Unit 1 cut winters of 1998 & 1999 Unit 2 cut winter 2001. Merwin Lake Aspen Sale no TSI needed.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir		30	Sapling	2		Balsam Fir	Medium	< 5 feet	Sapling
Bigtooth Aspen		70	Sapling	3	22				
14	4110 - Sugar Maple Association	Sawtimber Well	38.7	103	81-110	N/A	[4//18 TI] Stand was cut as part of Cooper Spread SBW. Sale #41-008-16-01. TCR Date 4/3/20 01/08/24 TB: Existing understory is heavily browsed. Beech and ironwood growing above deer but maple is not.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple		95	Log	14	103	Sugar Maple	Medium	< 5 feet	Sapling
Yellow Birch		1	Log	14		Ironwood	Medium	5 - 10 feet	Sapling
Basswood		1	Log	14		Beech	High	5 - 10 feet	Sapling
Black Cherry		2	Log	14					
Beech		1	Log	14					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																					
15	6117 - Lowland Deciduous, Mixed Coniferous	Poletimber Well	13.6	88	51-80	N/A	Stand was set up for harvest in 1996, but was not cut due to the amount of cedar and location to deer yard. Much of the aspen and bam are dead. [2003]																																																					
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17	6120 - Lowland Cedar	Poletimber Well	133.8	120	201+	N/A	02/08/2024 TB: Nice cedar most of which is growing straight and tall, some trees 12-16 DBH. Open, parklike, understorey. Evidence of past cutting with old stumps throughout stand. Records indicate an 8" stump diameter cut between 1954 and 1958 as deer cuttings. 2 acre clearing (as seen on photo) between stands 17 and 19 is a result of a wind event. Regen consists of Alder, Bam, RM, WB, and fir.																																																					
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21	4110 - Sugar Maple Association	Sawtimber Well	7.1	103	1-50	N/A	[4/15/2019 TI] Stand was cut as part of Cooper Spread SBW Sale # 41-008-16-01. TCR Date 4/3/2019. 10/24/2023 TB: Hardwood regen struggling to get above the deer. Regen gaps are heavy to raspberry.																																					
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22	6118 - Lowland Deciduous with Cedar	Sapling Well	5.1	33		N/A																																						
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23	4110 - Sugar Maple Association	Poletimber Well	3.4	103	111-140	N/A																																						
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24	6132 - Mixed Lowland Forest with Cedar	Poletimber Well	26.3	80		N/A	10/26/23 TB: Land is up for disposal.																																					
25	3102 - Grass	Nonstocked	2.7			No																																						
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29	6120 - Lowland Cedar	Poletimber Well	2.8	127		N/A																																						
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30	6124 - Lowland Spruce-Fir	Sapling Well	33.0	44		N/A																																						
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31	6120 - Lowland Cedar	Poletimber Well	76.5	96		N/A																																						
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33	6119 - Mixed Lowland Deciduous Forest	Sapling Well	16.6	5	Immature	N/A	Stand was cut as part of Cooper Spread Sale in 2019																																					
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38	4134 - Aspen, Spruce/Fir	Sapling Well	59.2	37		N/A																													
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39	6112 - Lowland Aspen	Sapling Well	13.0	6	Immature	N/A	10/24/23 TB: Land is up for disposal																												
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40	6120 - Lowland Cedar	Sapling Well	14.8	15	Immature	N/A	[6/9/2008 BB] Sale is now closed, cut spring 2008. TCR Date is 5/6/2008. Walk through regen survey will be conducted in 2012. [11/14/13 TB] Walk Through Regen Check shows cedar-1980 T/A, B. Sp.-1100 T/A, Fir-110 T/A, tam-110 T/A. Variation in tree heights make regen look patchy at a glance but there is good spruce and cedar.																												
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41	6220 - Alder/willow	Nonstocked	17.5	0		No	10/26/23 TB: Land is up for disposal.																												



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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42	6120 - Lowland Cedar	Poletimber Well	5.7	117		N/A	10/26/23 TB: Land is up for disposal.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Yellow Birch		5	Log	14		Balsam Fir	Sapling
Balsam Fir		5	Pole	6		Density	Avg. Height
Northern White Cedar		90	Pole	7	117	Medium	5 - 10 feet
							Size

44	623 - Emergent Wetland	Nonstocked	2.3			No	
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45	6120 - Lowland Cedar	Poletimber Well	46.1	120		N/A	10/26/23 TB: Land is up for disposal.
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46	6120 - Lowland Cedar	Poletimber Well	344.6	127	Unspecified	N/A	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Northern White Cedar		75	Pole	8	127	Balsam Fir	Sapling
Tamarack		5	Pole	6		Alder	Tall Shrub
Black Spruce		10	Pole	5		Density	Avg. Height
Balsam Fir		10	Pole	6		Medium	5 - 10 feet
							Size

47	4191 - Mixed Upland Deciduous with Conifer	Sapling Well	7.7	5	Immature	N/A	Stand was cut in 2019 as part of Cooper Spread sale.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Black Cherry		15	Sapling	1		Alder	Tall Shrub
Balsam Poplar		5	Sapling	1		Red Osier Dogwood	Tall Shrub
Paper Birch		5	Sapling	1		Density	Avg. Height
Balsam Fir		20	Sapling	1		Low	< 5 feet
White Spruce		5	Sapling	1			Size
Quaking Aspen		35	Sapling	1	5		
Tamarack		15	Sapling	1			

48	6119 - Mixed Lowland Deciduous Forest	Poletimber Well	2.2	88		N/A	10/26/23 TB: Land is up for disposal.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Black Ash		40	Pole	8	88	Alder	Tall Shrub
Red Maple		5	Pole	6		Balsam Fir	Sapling
Yellow Birch		5	Log	14		Density	Avg. Height
Paper Birch		10	Pole	6		Low	< 5 feet
Bigtooth Aspen		30	Pole	8			Size
Balsam Fir		5	Pole	5			
Northern White Cedar		5	Pole	6			



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49	6120 - Lowland Cedar	Poletimber Well	140.1	120		N/A																																					
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50	6112 - Lowland Aspen	Sapling Well	14.2	28		N/A	Unit 1 of Powerline sale # 038 92.																																				
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51	4110 - Sugar Maple Association	Sawtimber Well	9.0	103	51-80	N/A	HM-64, YB-6, Beech-1, Fir- 1. Total residue = 72.																																				
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53	3102 - Grass	Nonstocked	7.2			No	power line																																				
54	6111 - Lowland Balsam Poplar	Sapling Well	5.4	28		N/A	Unit 2 of powerline sale # 038 92.																																				
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55	6120 - Lowland Cedar	Poletimber Well	12.5	120		N/A																																					
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
56	4130 - Aspen	Poletimber Well	9.0	68	Unspecified	N/A	Stand was part of Cooper Spread sale. It was never harvested and turned back in.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Bigtooth Aspen		70	Pole	7	68	Balsam Fir	
Balsam Fir		10	Pole	6		High	
Red Maple		20	Pole	6		10 - 20 feet	
						Sapling	
57	6120 - Lowland Cedar	Poletimber Well	13.6	103		N/A	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Black Spruce		30	Pole	6		Alder	
Northern White Cedar		70	Pole	6	103	Medium	
						5 - 10 feet	
						Tall Shrub	
						Balsam Fir	
						High	
						< 5 feet	
						Sapling	
58	6112 - Lowland Aspen	Sapling Well	16.5	41		N/A	Cut as sale # 011 81
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Balsam Poplar		30	Sapling/Pole	4		Alder	
Bigtooth Aspen		60	Sapling/Pole	4	41	Medium	
Balsam Fir		10	Sapling/Pole	4		5 - 10 feet	
						Tall Shrub	
						Balsam Fir	
						Medium	
						< 5 feet	
						Sapling	
59	4134 - Aspen, Spruce/Fir	Poletimber Well	6.0	42	Unspecified	N/A	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Bigtooth Aspen		70	Pole/Sapling	5	42	Balsam Fir	
Balsam Fir		30	Pole/Sapling	5		Low	
						< 5 feet	
						Sapling	
60	6123 - Lowland Fir	Poletimber Well	12.1	40	Unspecified	N/A	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Paper Birch		10	Pole/Sapling	5		Alder	
Northern White Cedar		20	Sapling	3		Medium	
Red Maple		10	Pole/Sapling	5		5 - 10 feet	
Balsam Fir		60	Pole/Sapling	5	40	Tall Shrub	
61	4130 - Aspen	Poletimber Well	6.2	42	Unspecified	N/A	Deer yard.
Canopy Species		% Cover	Size Class	DBH	Age		
Bigtooth Aspen		90	Pole/Sapling	5	42		
Red Maple		10	Pole/Sapling	5			
62	6120 - Lowland Cedar	Poletimber Well	8.4	104		N/A	Deer yard.
Canopy Species		% Cover	Size Class	DBH	Age		
Northern White Cedar		95	Pole	6	104		
Black Spruce		5	Pole	6			



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																									
63	6122 - Black Spruce	Poletimber Well	31.9	48	Unspecified	N/A	Deer Yard.																																									
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64	6130 - Fir, Aspen, Maple	Poletimber Well	5.3	46	Unspecified	N/A	Deer yard.																																									
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