



# Compartment Review Presentation

Gaylord Forest Management Unit

Compartment 52125

Entry Year 2026

Acreage: 1,202

County Emmet

Management Area: Presque Isle Lake and Till Plains

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**Stand Examiner:** John Scheele

**Legal Description:**

T35N R04W Sec. 27, 28, 32, 33, and 34

**Identified Planning Goals:**

To provide for the protection, integrated management and responsible use of a healthy, productive, and undiminished forest resource base for the social, recreational, environmental, and economic benefit of the State of Michigan.

**Soil and topography:**

Soils are mostly of the Carbondale-Tawas-Roscommon Association. Topography is level throughout the compartment.

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

The land surrounding this compartment is mostly residential, especially around the lakes. The state land is fairly contiguous.

**Unique Natural Features:**

Multiple MNFI occurrences are documented in the compartment and surrounding area.

**Archeological, Historical, and Cultural Features:**

No known Archeological, Historical, or Cultural features.

**Special Management Designations or Considerations:**

Rich Conifer Swamp ERA covers a majority of the compartment.

**Watershed and Fisheries Considerations:**

This compartment contains portions of Minnehaha Creek, Silver Creek, and Mud Creek, and is adjacent to Pickerel Lake, which is part of the Inland Waterway. All of the streams are designated trout streams. Map layer shows Silver Creek in Stand 13 close to the proposed clearcut in Stand 14. Similar comment as last YOE, this should be buffered (no clear-cut) by 300 feet if the stream is observed on the ground.

**Wildlife Habitat Considerations:**

Treatments in this compartment will maintain age class diversity in lowland conifers/aspens while creating early successional habitat benefiting deer, grouse, and woodcock.

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

Surface sediments consist of lacustrine (lake) sand and gravel. The glacial drift thickness varies between 50 and 200 feet. The Devonian Traverse Group subcrops below the glacial drift. The Traverse is quarried for stone and cement products. Gravel pits are found in this area and gravel potential appears to be good. The nearest oil and gas production, the Antrim Shale gas play, is located 18 miles to the south. This area was previously leased for Collingwood Formation development and a few leases are still located in the area.

**Vehicle Access:**

Very poor access to a majority of this compartment except in the southwest corner along Pickerel Lake Road.

**Survey Needs:**

None.

**Recreational Facilities and Opportunities:**

No developed facilities in this compartment. Recreational opportunities are restricted by access.

**Fire Protection:**

No concerns.

**Additional Compartment Information:**

**The following reports from the Inventory are attached:**

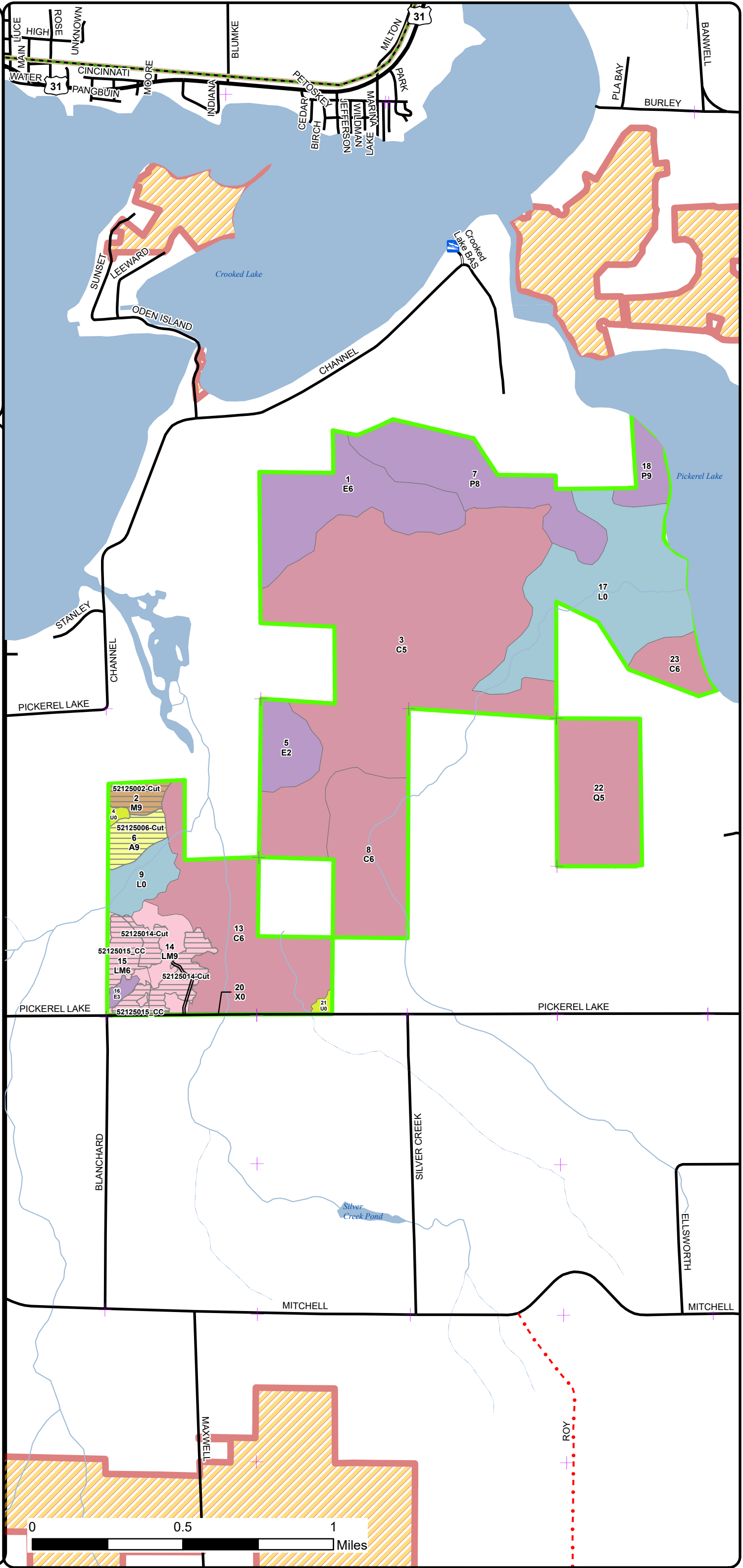
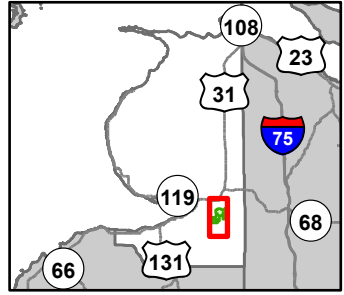
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

**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

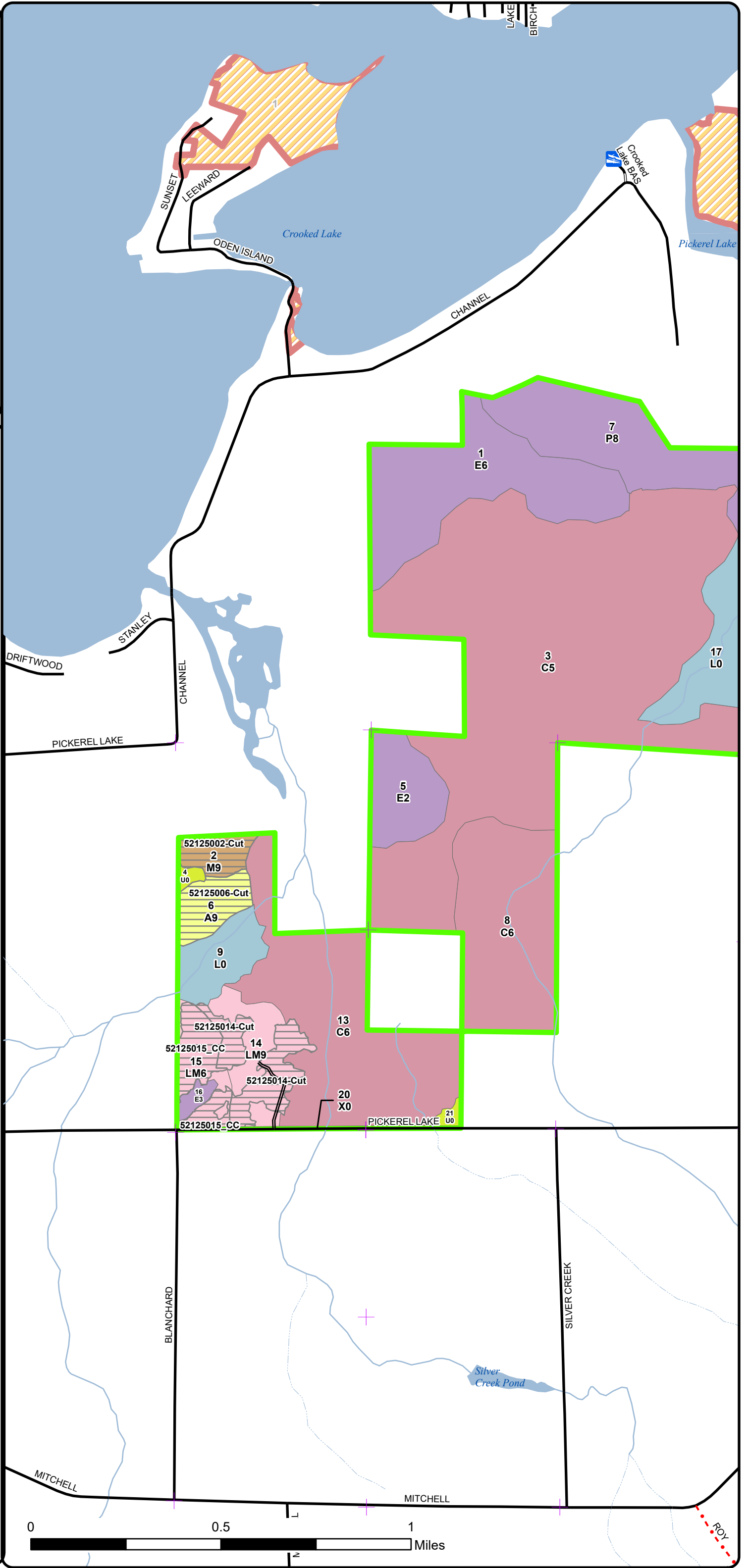
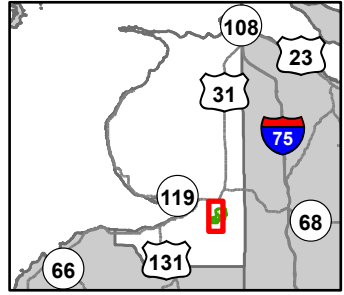
Compartment: 52125  
 T35N, R4W, Sec: 27, 28, 32-34  
 County: Emmet  
 Unit: Gaylord  
 Mgmt Area: Presque Isle Lake and Till Plains  
 YOE: 2026  
 Acres: 1202.5 GIS Calculated  
 Examiner: John Scheele  
 Map Revised: 5/10/2024  
 Map Phase: Web Post



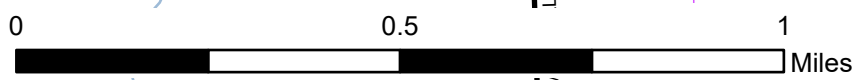
- - - Designated Hiking Trails
- - - Designated Bicycle Trails
- Designated Multi-Use Trails
- Designated RailTrail
- + Remonumented Section Corners
- [B] Boating Access Site
- DNR - Primary Forest Road
- DNR - Secondary Forest Road
- Federal / State Highway
- Federal / State / County - Paved Road
- . - . County - Gravel Road
- [L] Lakes and Rivers
- Intermittent Stream
- Lake/Pond
- Perennial River
- Counties
- Compartment Boundary
- Clearcut (w/Reserves)
- 411 - Northern Hardwood
- 413 - Aspen Types
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 122 - Roads/Parking Lot
- 330 - Low Density Trees
- 622 - Lowland Shrub

# Cover Type & Treatments Map

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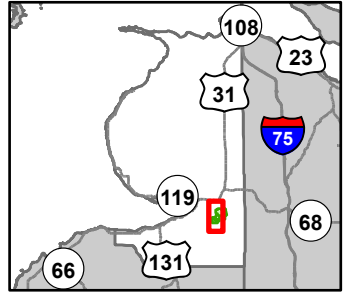


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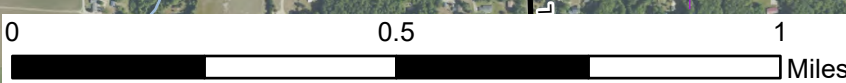
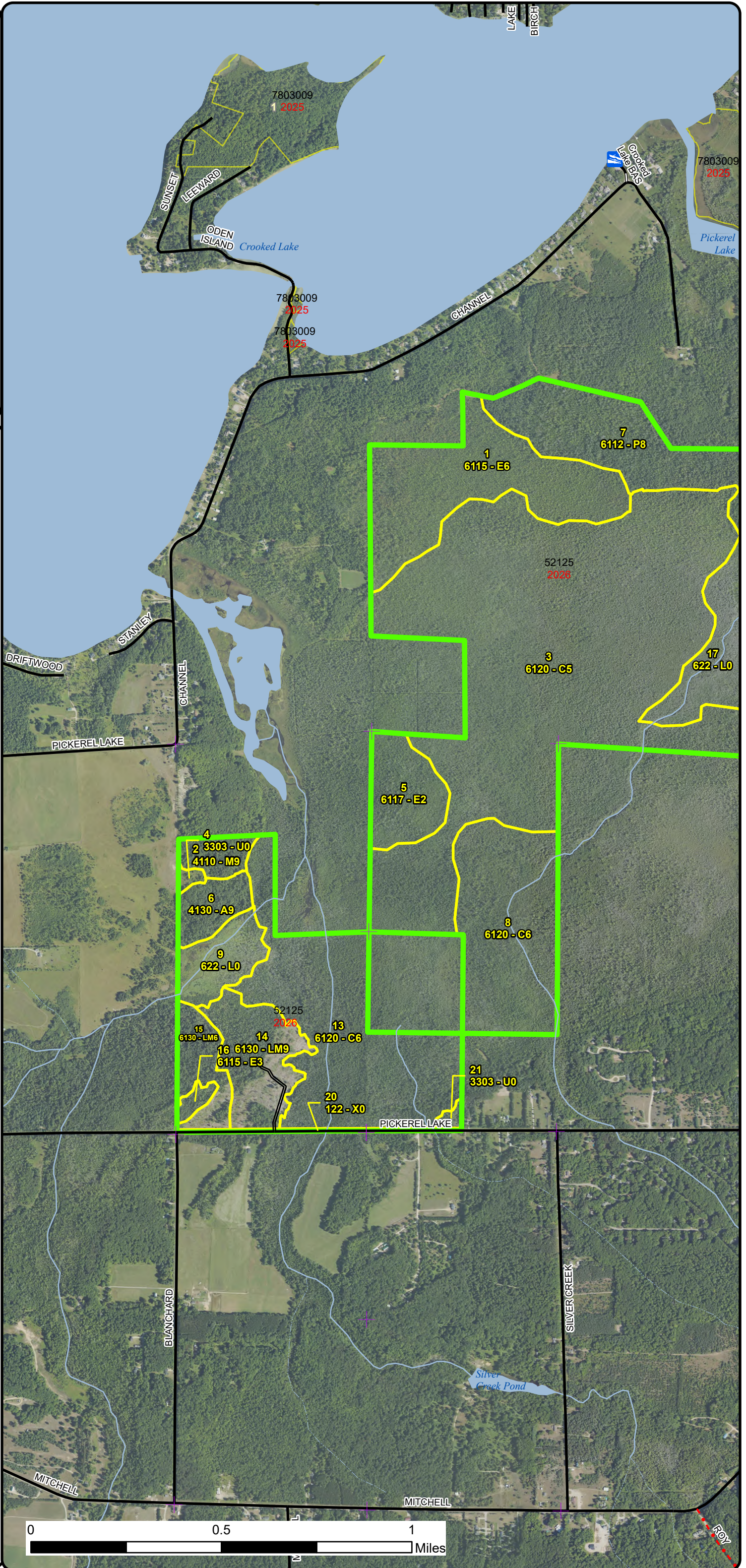


Stand Boundary Map

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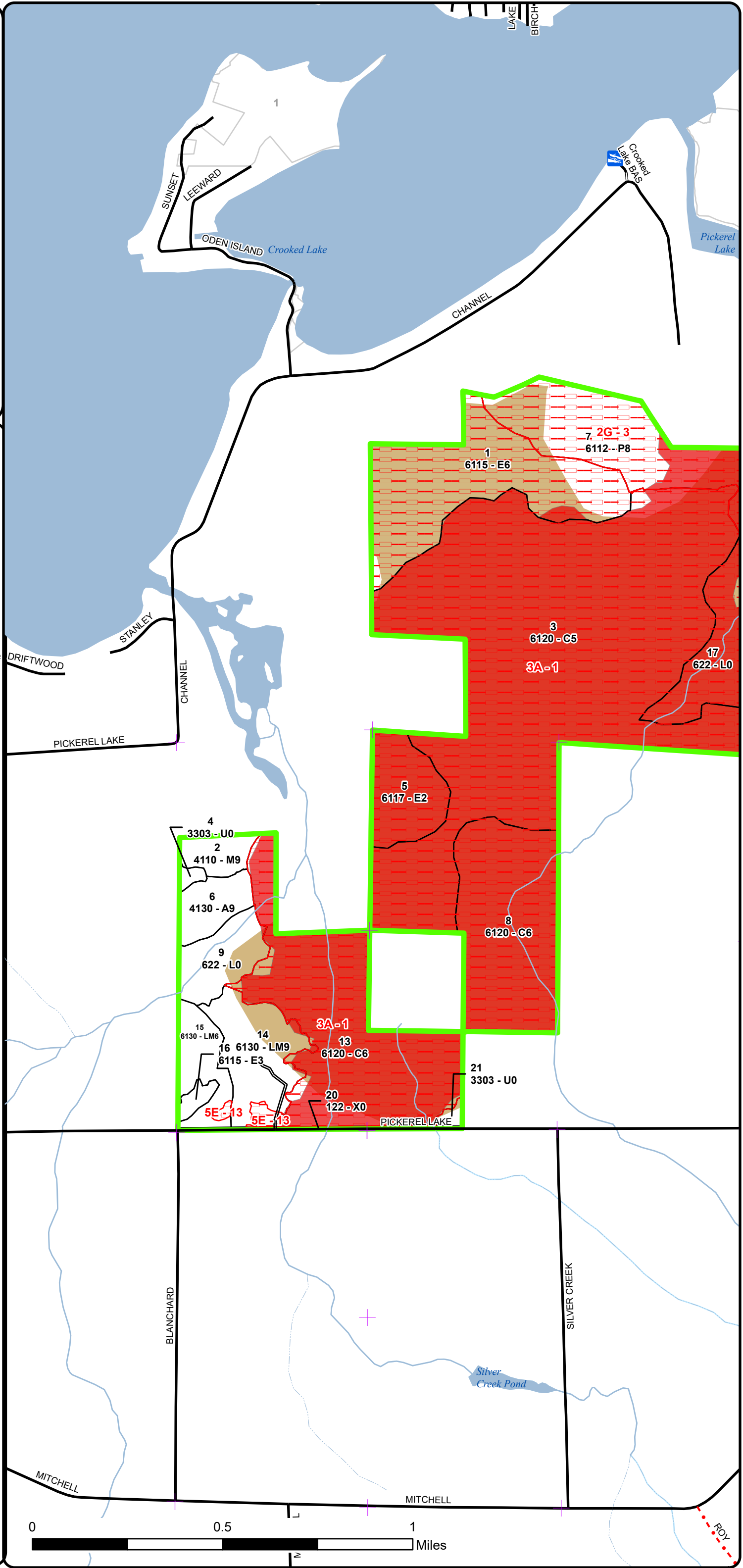
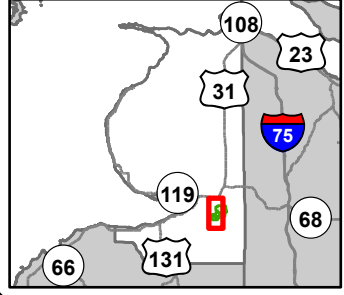


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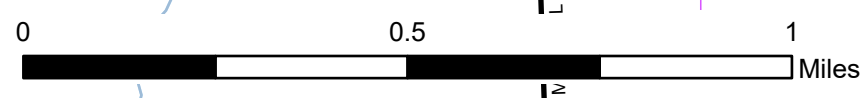


# Special Conservation Areas & Site Conditions Map

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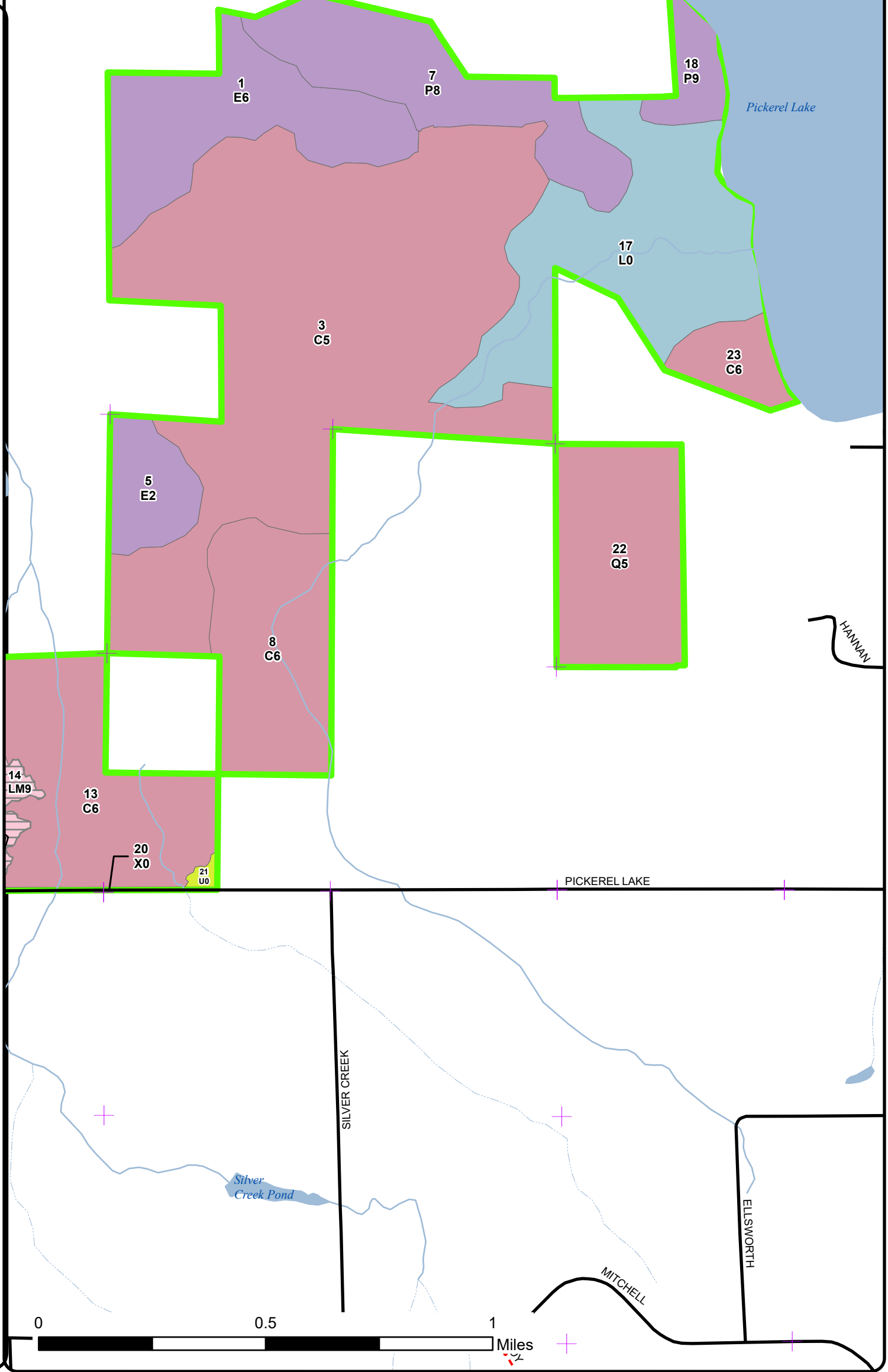
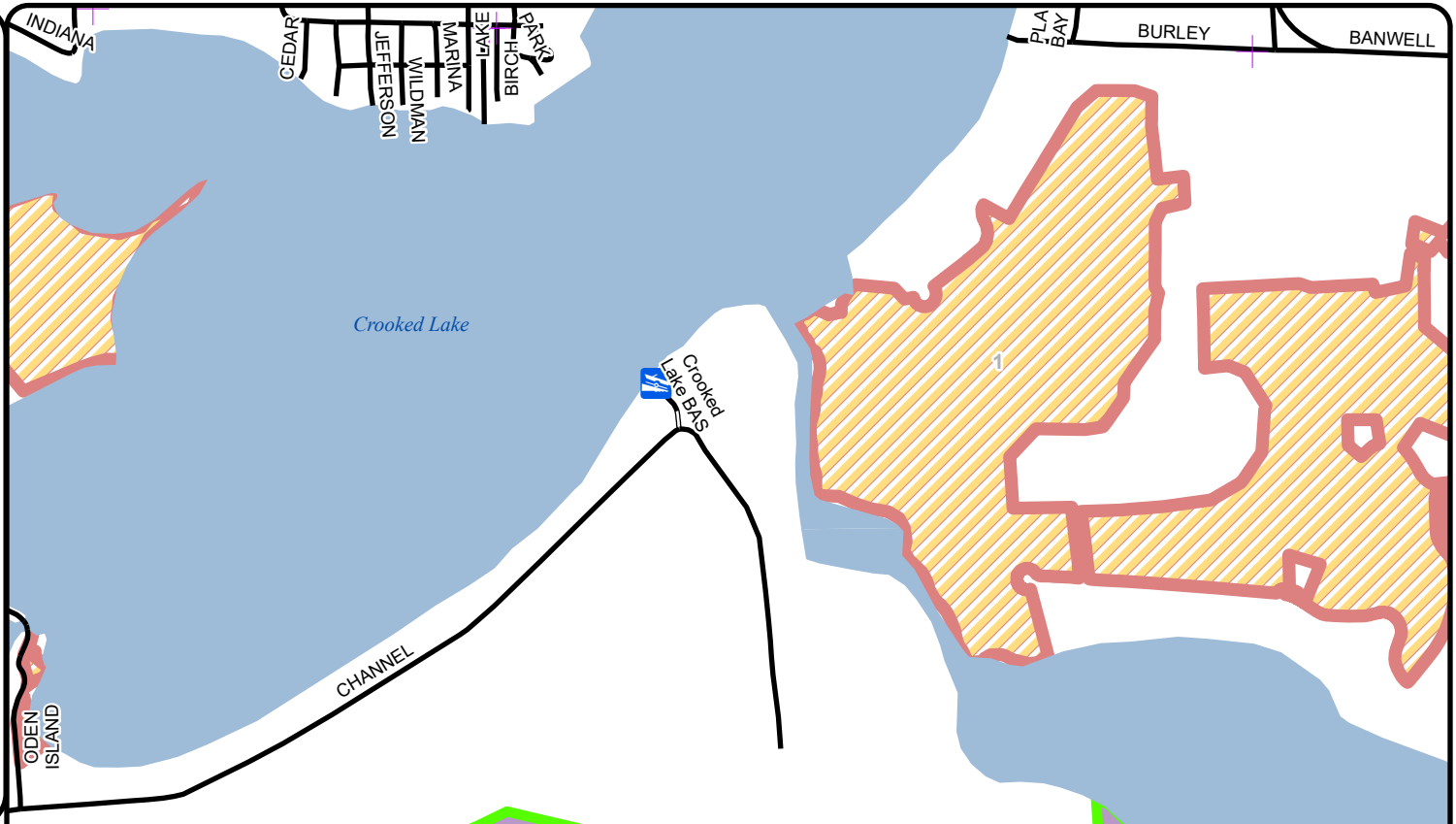
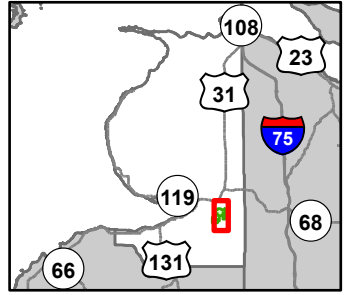


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- Compartment Boundary
- Unavailable
- 2G: Too wet (sensitive soils, does not include access issues)
- 3A: Conservation Values incompatible with harvest at this time
- 5E: Long-Term Retention
- Stand Boundaries
- Ecological Reference Areas
- Forest Habitat Core Interior
- Cold Water Streams
- Cold Water Lakes



# Cover Type & Treatments Map

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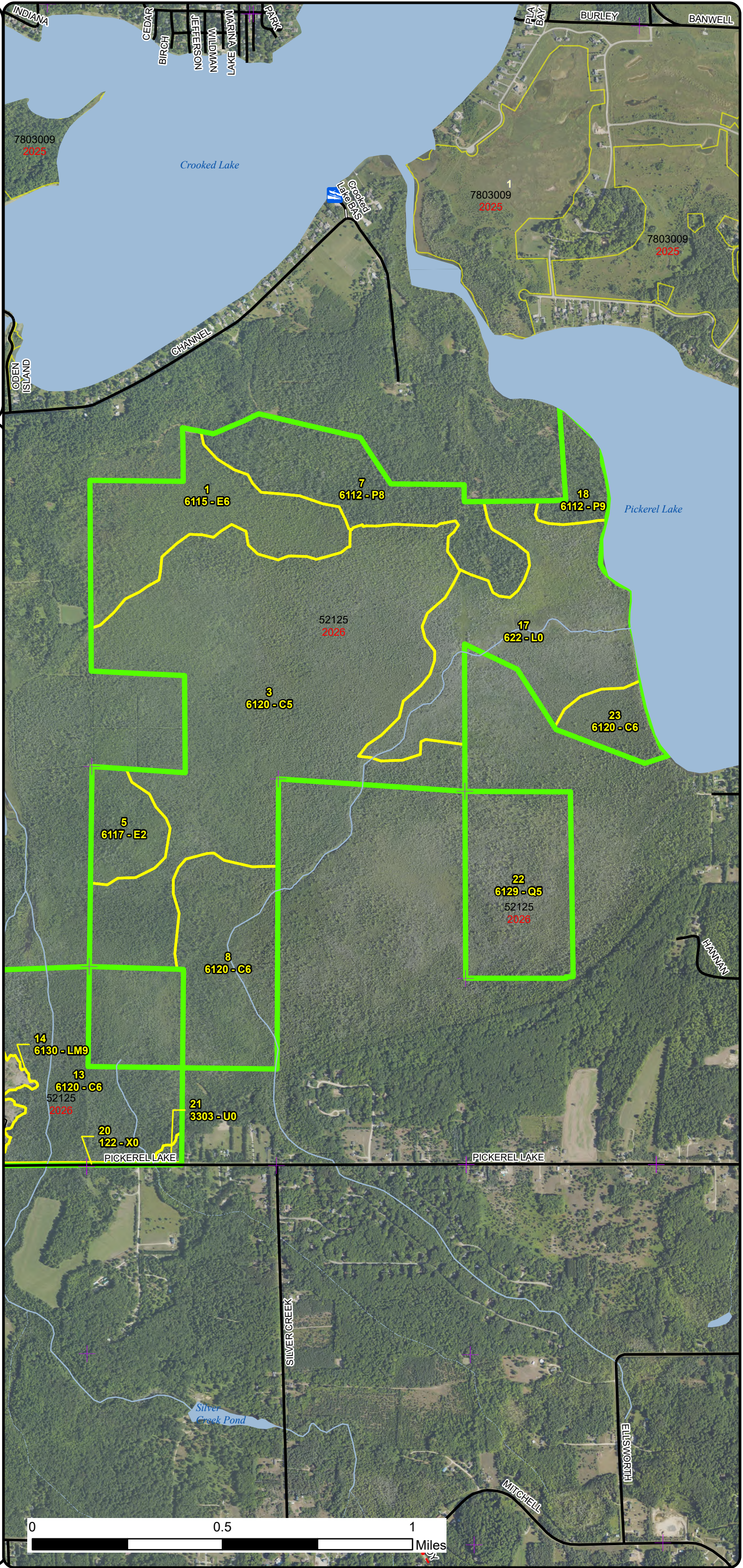
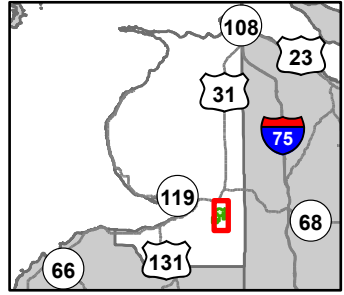


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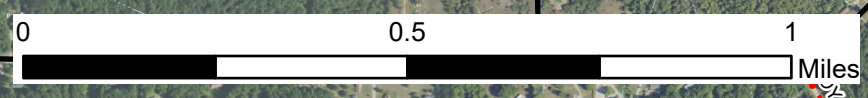


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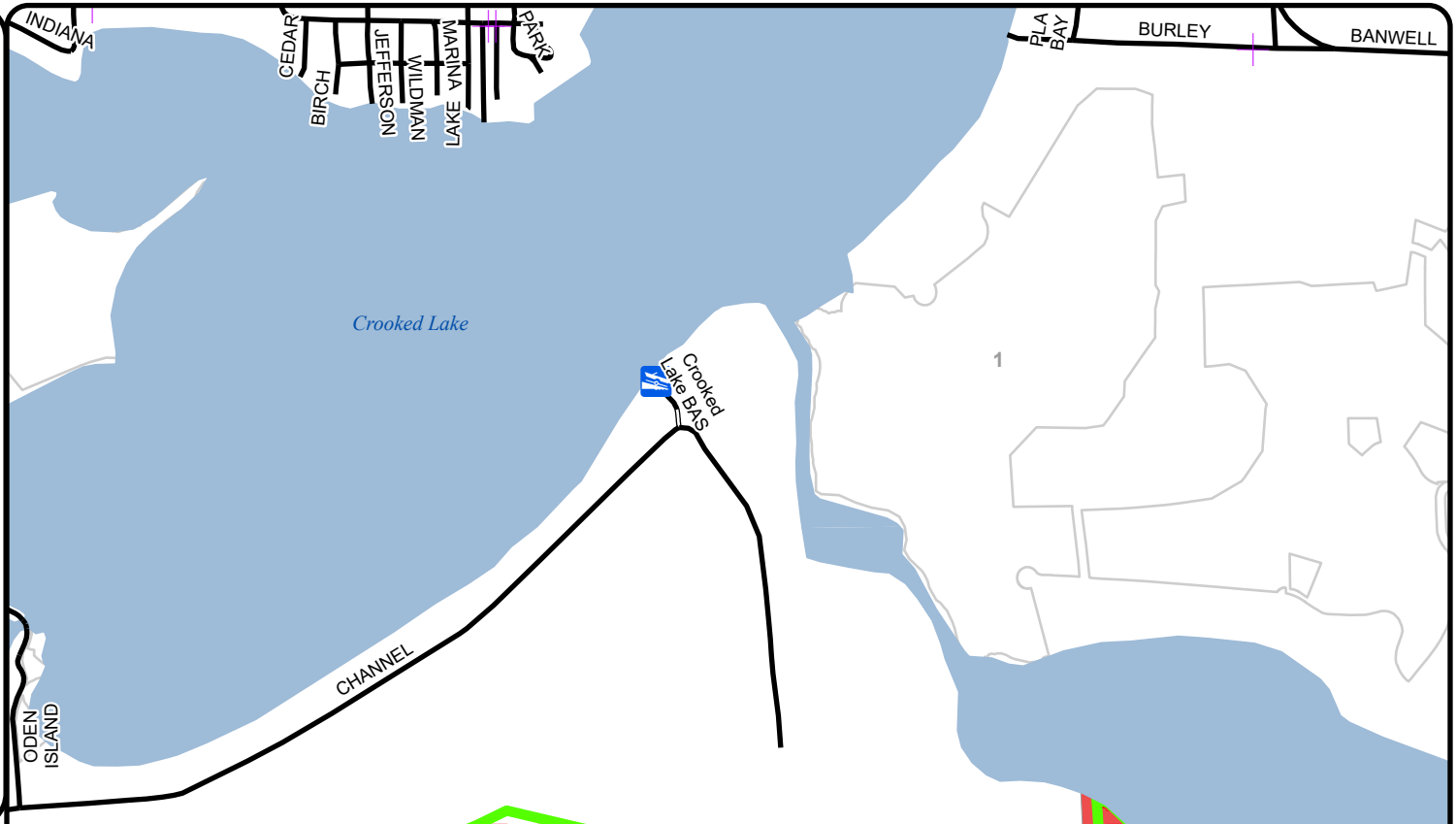
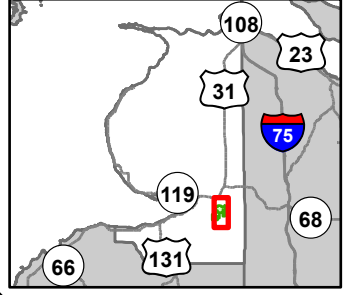
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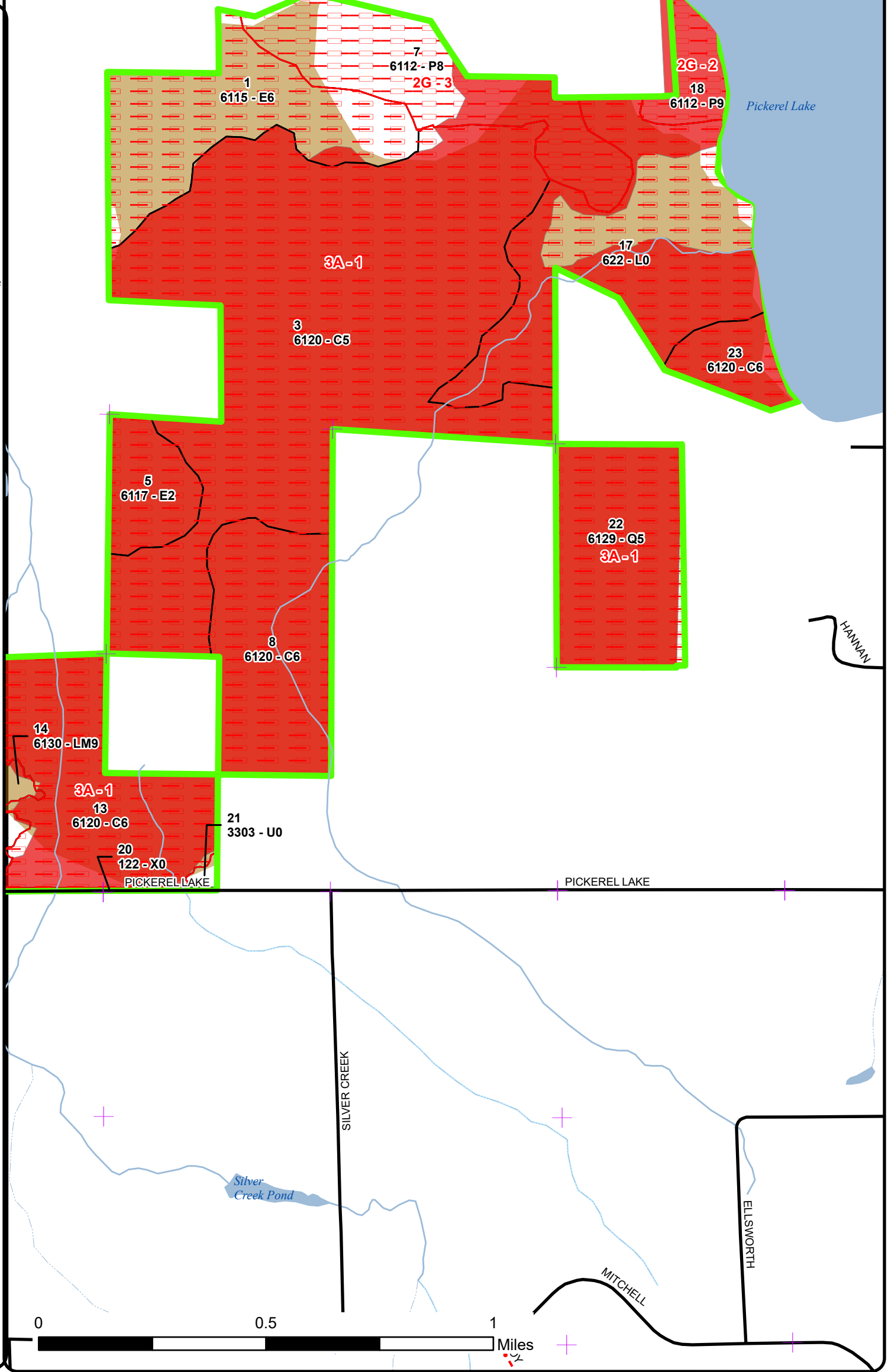


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Report 1 – Total Acres by Cover Type and Age Class



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+	Unnever-Aged	Total
Aspen	0	0	0	0	0	0	0	0	16	0	0	0	0	0	0	0	0	0	16
Cedar	0	0	0	0	0	0	0	0	0	0	597	0	23	0	0	0	0	0	620
Low-Density Trees	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Lowland Aspen/Balsam Poplar	0	0	0	0	0	0	0	0	0	107	0	0	0	0	0	0	0	0	107
Lowland Conifers	0	0	0	0	0	0	0	0	0	0	0	0	0	0	88	0	0	0	88
Lowland Deciduous	0	0	0	31	4	0	93	0	0	0	0	0	0	0	0	0	0	0	128
Lowland Mixed Forest	0	0	0	0	0	0	0	61	0	0	0	0	0	0	0	0	0	0	61
Lowland Shrub	163	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	163
Northern Hardwood	0	0	0	0	0	0	0	0	0	11	0	0	0	0	0	0	0	0	11
Urban	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
<b>Total</b>	<b>170</b>	<b>0</b>	<b>0</b>	<b>31</b>	<b>4</b>	<b>0</b>	<b>93</b>	<b>0</b>	<b>61</b>	<b>16</b>	<b>118</b>	<b>597</b>	<b>0</b>	<b>23</b>	<b>0</b>	<b>88</b>	<b>0</b>	<b>0</b>	<b>1201</b>



## Report 2 – Treatment Summary

Gaylord Mgt. Unit

Year of Entry: 2026

Acres of Harvest

Compartment 125

Total Compartment Acres: 1,202

Commercial Harvest - 68  
 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	16	0	0	0	0	0	0	0	0	16
Lowland Mixed Forest	41	0	0	0	0	0	0	0	0	41
Northern Hardwood	11	0	0	0	0	0	0	0	0	11
<b>Total</b>	<b>69</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>69</b>

### Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	69	0	0	0	0	0	0	0	0	69
Next Step	0	0	0	0	0	0	69	0	0	69
<b>Total</b>	<b>69</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>69</b>	<b>0</b>	<b>0</b>	<b>137</b>



Stand	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:**

<b>2</b>	<b>52125002-Cut</b>	11.3	4110 - Sugar Maple Association	Sawtimber Well	95	81-110	Harvest	Clearcut with Retention	411 - Northern Hardwood	Even-Aged	No
<p><u>Prescription</u> Harvest stand to regenerate. Mark a few of the largest DBH Sugar Maple to leave. No other stand retention due to small stand size. Access stand through private property to the west.</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 Regen:</u> Acceptable regeneration includes a moderate to well stocked stand of Northern Hardwood species.</p> <p><u>Other Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2025</p>											
<b>6</b>	<b>52125006-Cut</b>	16.3	4130 - Aspen	Sawtimber Well	80	111-140	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
<p><u>Prescription</u> Harvest stand to regenerate. Do not cut apple or White Pine. Leave 300' uncut area along the stream as retention and buffer. Access stand through private property to the west. Include grouse habitat creation requirement to sale proposal.</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 Regen:</u> Acceptable regeneration includes a moderate to well stocked stand of aspen.</p> <p><u>Other Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2025</p>											

**Approved Treatments:**

<b>14</b>	<b>52125014-Cut</b>	22.5	6130 - Fir, Aspen, Maple	Sawtimber Well	74	81-110	Harvest	Clearcut with Retention	6130 - Fir, Aspen, Maple	Even-Aged	No
<p><u>Prescription</u> Clearcut with reserves. Leave retention in pockets including hemlock where possible.</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 Regen:</u> Medium to well stocked aspen, fir, red maple, cedar and spruce is acceptable.</p> <p><u>Other Comment:</u> The Michigan River Fisheries Classification map layer show a stream (possibly Silver Creek) running through this stand. The base layer shows it to the east farther. It was not observed on the ground this winter during inventory operations in the Michigan River Fisheries location but FD requested that if it is found to be there when sale boundaries are located that they be contacted and sale boundaries amended. Old next step comments: Medium to well stocked aspen, fir, red maple, cedar and spruce is acceptable. Regeneration survey.</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2015</p>											



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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
15 52125015_CC	18.4	6130 - Fir, Aspen, Maple	Poletimber Well	74	141-170	Harvest	Clearcut with Retention	6130 - Fir, Aspen, Maple	Even-Aged	No
<p><u>Prescription</u> Clearcut with reserves. Leave retention in pockets including hemlock where possible.</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 Regen:</u> Medium to well stocked aspen, fir, red maple, cedar and spruce is acceptable.</p> <p><u>Other Comment:</u> Old next step comments: Medium to well stocked aspen, fir, red maple, cedar and spruce is acceptable. Regeneration survey.</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2015</p>										

**Total Treatment Acreage Proposed: 68.5**

## Report 4 – Site Conditions

Gaylord Mgt. Unit  
John Scheele: Examiner

Compartment: 125  
Year of Entry: 2026

### Availability for Management

Total Acres	Acres Available	Acres Avail		Dominant Site Conditions	2G	3A	5E
		With Condition	Not Available				
16	16	0	0	Aspen			
620	0	0	620	Cedar		620	
4	4	0	0	Low-Density Trees			
107	0	0	107	Lowland Aspen/Balsam Poplar	107		
88	0	0	88	Lowland Conifers		88	
128	4	0	125	Lowland Deciduous		125	
61	58	0	4	Lowland Mixed Forest			4
163	23	0	139	Lowland Shrub		139	
11	11	0	0	Northern Hardwood			
3	3	0	0	Urban			
1,203	120		1,083	Total Forested Acres	107	972	4
	10%		90%	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	<b>3A: Conservation Values incompatible with harvest at this time</b>	972	1C: Other dept or div proc/practices	Unspecified	Unspecified	Unspecified
<b>Comments:</b> Rich Conifer Swamp ERA. Multiple MNFI occurrences.							
2	Unavailable	<b>2G: Too wet (sensitive soils, does not include access issues)</b>	21	2A: Adjacent landowner denied access	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							

# Report 4 – Site Conditions

Gaylord Mgt. Unit  
John Scheele: Examiner

Compartment: 125  
Year of Entry: 2026

3	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	86	2A: Adjacent landowner denied access	Unspecified	Unspecified	Unspecified
<b>Comments:</b> Private property owner along north boundary is under a conservation agreement with very restrictive conditions. He is also not very interested in granting access or cutting the state land.							
13	Unavailable	5E: Long-Term Retention	4	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							

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

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**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 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.
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																																																															
1	6115 - Lowland Ash	Poletimber Well	93.3	51	1-50	N/A																																																																
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2	4110 - Sugar Maple Association	Sawtimber Well	11.3	95	81-110	N/A	Poor quality trees and stand. Sugar Maple DBH range is 14" - 22"+ with many trees very branchy and poor quality. Cable and barb wire along the north boundary line.																																																															
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3	6120 - Lowland Cedar	Poletimber Medium	382.0	100	51-80	N/A	Previous inventory. Starting to see dieback in cedar tops.																																																															
4	3303 - Mixed Low Density Trees	Nonstocked	2.1		Unspecified	No	A lot of sumac and some cherry coming in.																																																															
5	6117 - Lowland Deciduous, Mixed Coniferous	Sapling Medium	31.4	25	Immature	N/A	Previous inventory. Healthy regen. It appears there was a significant wind event approximately 15 to 20 years ago that knocked over all of the trees in this stand resulting in the current regeneration.																																																															
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6	4130 - Aspen	Sawtimber Well	16.3	80	111-140	N/A	Over mature aspen with some blow down occurring.																																																															
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments		
7	6112 - Lowland Aspen	Sawtimber Medium	86.1	98	51-80	N/A	Over mature aspen that is dead or dying out. Lots of slash. Marginal volume. Access to stand would be through private property. Adjacent landowners are not too interested in providing access at this time.		
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>
Balsam Fir		2	Pole/Log	8		Tag Alder	Low	10 - 20 feet	Tall Shrub
White Spruce		2	Log/Pole	10		Quaking Aspen	Low	>20 feet	Sapling
Balsam Poplar		2	Log	14		White Spruce	Low	Variable	Sapling
Quaking Aspen		94	Log/Pole/Sap	12	98	Balsam Fir	Medium	10 - 20 feet	Sapling
						Black Ash	Full	>20 feet	Sapling
8	6120 - Lowland Cedar	Poletimber Well	90.0	100	111-140	N/A	Previous inventory. Scattered large White Pine. Stand looks fairly healthy.		
9	622 - Lowland Shrub	Nonstocked	23.5		Unspecified	No	Previous inventory. Beaver activity. A lot of dead cedar.		
13	6120 - Lowland Cedar	Poletimber Well	125.1	108	171-200	N/A	Previous inventory. Cedar looks healthy.		
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>
Black Spruce		2	Pole/Log	10		Northern White Cedar	Low	Variable	Sapling
Northern White Cedar		96	Pole/Sapling	7	108				
Tamarack		2	Pole/Log	10					
14	6130 - Fir, Aspen, Maple	Sawtimber Well	40.0	74	81-110	N/A	Previous inventory. Aspen is starting to show signs of mortality. Some pockets of hemlock in south part of the stand.		
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>
Black Ash		3	Pole	9		Balsam Fir	Medium	Variable	Sapling
Northern White Cedar		10	Pole/Log	10		Black Ash	Low	Variable	Sapling
Balsam Fir		32	Pole/Log	10					
Quaking Aspen		40	Log	14	74				
Black Spruce		10	Log/Pole	12					
Red Maple		5	Log/Pole	11					
15	6130 - Fir, Aspen, Maple	Poletimber Well	20.9	74	141-170	N/A	Previous inventory. Some aspen mortality. Some hemlock present.		
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>
Black Spruce		3	Log/Pole	12		Balsam Fir	Medium	Variable	Sapling
Northern White Cedar		10	Pole/Log	9					
Quaking Aspen		57	Pole/Log	11	74				
Balsam Fir		30	Pole	9					
16	6115 - Lowland Ash	Sapling Well	3.8	35	Unspecified	N/A	Previous inventory.		
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>				
Black Ash		100	Sapling	3	35				



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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17	622 - Lowland Shrub	Nonstocked	139.4		Unspecified	No	Previous inventory. Tag alder and cattail. Most of the overstory is dead. There are a few Balsam Fir and cedar hanging on but not healthy.  Mud Creek runs through the stand.
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18	6112 - Lowland Aspen	Sawtimber Well	20.8	95	111-140	N/A	Aspen is over mature with some dead tops. Lots of trees with trunk rot. Pockets of lower canopy closure. Very thick understory. Fair amount of blowdown. Slightly drier spot in north part of stand with better quality timber.
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Canopy Species					% Cover	Size Class	DBH	Age	Sub-Canopy Species				Density	Avg. Height	Size
Basswood					2	Log	13		Black Ash				High	10 - 20 feet	Sapling
Red Maple					2	Pole/Log/Sap	7		Balsam Fir				High	Variable	Sapling
Northern White Cedar					10	Pole/Sapling	5		Tag Alder				Medium	10 - 20 feet	Tall Shrub
Balsam Fir					10	Pole/Sapling	5								
Quaking Aspen					76	Log/XLog/Pole	14	95							

20	122 - Road/Parking Lot	Nonstocked	3.2		Unspecified	No	Pickerel Lake Road.
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21	3303 - Mixed Low Density Trees	Nonstocked	2.1		Unspecified	No	
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22	6129 - Mixed Coniferous Lowland Forest	Poletimber Medium	87.9	146	51-80	N/A	Previous inventory.
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Canopy Species					% Cover	Size Class	DBH	Age	Sub-Canopy Species				Density	Avg. Height	Size
Northern White Cedar					25	Pole	7		Black Spruce				Low	Variable	Sapling
Black Spruce					25	Pole	8	107	Northern White Cedar				Medium	Variable	Sapling
Balsam Fir					15	Pole	7		Balsam Fir				Medium	Variable	Sapling
White Pine					10	Log/XLog	14		Tag Alder				Low	5 - 10 feet	Tall Shrub
Tamarack					25	Log/Pole	10	146							

23	6120 - Lowland Cedar	Poletimber Well	23.3	128	81-110	N/A	Previous inventory. Tops are dying back in most of the trees in this stand. Already a lot of mortality. A lot of beaver activity on Mud Creek,
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Canopy Species					% Cover	Size Class	DBH	Age	Sub-Canopy Species				Density	Avg. Height	Size
Northern White Cedar					97	Pole/Log	9	128	Balsam Fir				Low	Variable	Sapling
Black Spruce					3	Log/Pole	11		Tag Alder				Medium	5 - 10 feet	Tall Shrub