



# Compartment Review Presentation

Shingleton Forest Management Unit

Compartment 41007

Entry Year 2022

Acreage: 1,262

County Schoolcraft

Management Area: Milakokia Lake

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**Revision Date:** 2020-05-08

**Stand Examiner:** Scott Kentner

**Legal Description:**

T44N-R13W, Sections 24, 25 and 36

**Identified Planning Goals:**

Timber production and wildlife habitat are primary goals here. The public recreational facilities (see notes below) are also used during the appropriate seasons.

**Soil and topography:**

This area features flat to gently rolling terrain on the Buried Moraine and Newberry Moraine Land Type Associations. Much of the state land in this compartment consists of low wetlands on soils such as Carbondale muck; upland portions of the compartment are generally on sandier soils.

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

State lands in Compartment 007 consist of two small parcels and a pair of larger blocks, all east of Highway M-77. A significant amount of land in this township to the west of Highway M-77 is owned by either the state or the U.S. Government as part of the Seney National Wildlife Refuge. Several thousand acres of corporate timber lands are located throughout the township, and numerous homes & farms are also present.

**Unique Natural Features:**

Common loon (*Gavia immer*, state threatened) have been known to utilize Kennedy Lake, Little Mud Lake, and Tee Lake for nesting, and there is potential for this species to occur in Stewart Lake. Wood turtle (*Clemmys insculpta*, state special concern) could occur in and along Mud Creek, Mead Creek and Tad Creek. Osprey (*Pandion haliaetus*, state threatened) and bald eagle (*Haliaeetus leucocephalus*, state threatened) are known from the general area and there is potential for these raptors to occur within this compartment. There is also potential for nesting red-shouldered hawk (*Buteo lineatus*, state threatened) and Northern goshawks (*Accipiter gentilis*, state special concern) to occur throughout this compartment in stands of northern hardwoods, mixed swamp conifer, mature aspen and swamp hardwood.

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

None Known

**Special Management Designations or Considerations:**

The northwest part of this compartment in Section 1 of T44N R13W lies within an area designated as deer wintering habitat.

**Watershed and Fisheries Considerations:**

Fisheries Values, Marginal. Kennedy Lake is very shallow, and grows bullheads, pike, and some perch – and some of the largest snapping turtles I've ever had to pull out of a net. Although all of the tributaries to the Manistique River: Mud Creek to the north, the creeks between Kennedy and Stewart Lakes, and from Stewart Lake to Mead Creek, and Mead Creek itself, are all SQWW, protection from sand erosion should be high priority. Sand entering the system here will take possibly several hundred years to migrate downstream and out into Lake Michigan. The Manistique River is so inundated with sand now that we should be trying to limit ALL new sources of erosion within this watershed. Eventually, the sand that is already in the river will move on through with help from spring floods.

**Wildlife Habitat Considerations:**

Compartment 7 lies within eastern Schoolcraft County in the St. Ignace sub-subsection and is part of the Milakokia Lake Management Area with American Woodcock, Blackburnian Warbler, Red-Shouldered Hawk, and White-tailed deer as featured species. The growing season is 130 days. Extreme winter low temperature is -46o F. Annual snowfall averages 80 inches.

Upland pre-settlement vegetation within this compartment was most likely dominated by northern hardwoods and hemlock-beech forest. Lowlands were primarily conifer covered including cedar, tamarack, and black spruce. Windthrow was most likely the major disturbance regime in this area. From a land ownership perspective, this is one of the most highly fragmented compartments in the Shingleton forest area. Deciduous vegetation has shifted heavily toward aspen, while the coniferous component is primarily cedar.

Wildlife habitat management objectives consist of providing a diversity of early successional deciduous covers while maintaining thermal cover in the lowlands. Other wildlife priorities include the maintenance of deer wintering complexes, management for mature forest conditions and structure in northern hardwoods, early successional aspen, and retaining soft and hard mast producing species in harvested stands. Other wildlife species of interest in this compartment include osprey, loons, and bald eagles.

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

Surface sediments consist of coarse textured glacial till. The glacial drift thickness varies between 50 and 100 feet. The Silurian Cabothead Shale subcrops below the glacial drift. There is no current economic use for the Cabothead. Sandpits and gravel pits are located throughout this area, mostly associated with uplands. There appears to be some gravel potential on State lands.

### **Vehicle Access:**

Numerous paved/improved county roads exist throughout the area, but wet terrain renders some areas inaccessible. There are few woods roads providing year-round access to the state forest lands

### **Survey Needs:**

### **Recreational Facilities and Opportunities:**

There is a DNR boat landing on state land at the north end of Kennedy Lake, and Snowmobile Trail #432 passes through the compartment. The area also provides good opportunities for hunting, fishing & trapping.

### **Fire Protection:**

Access for fire suppression on state lands is limited in many places by the low, wet terrain. In contrast, access to private lands via the public road network is reasonably good.

### **Additional Compartment Information:**

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

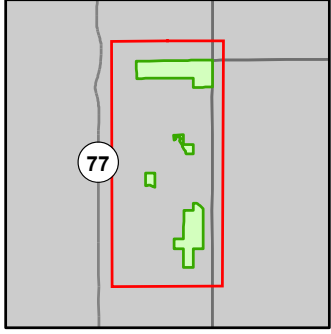
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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

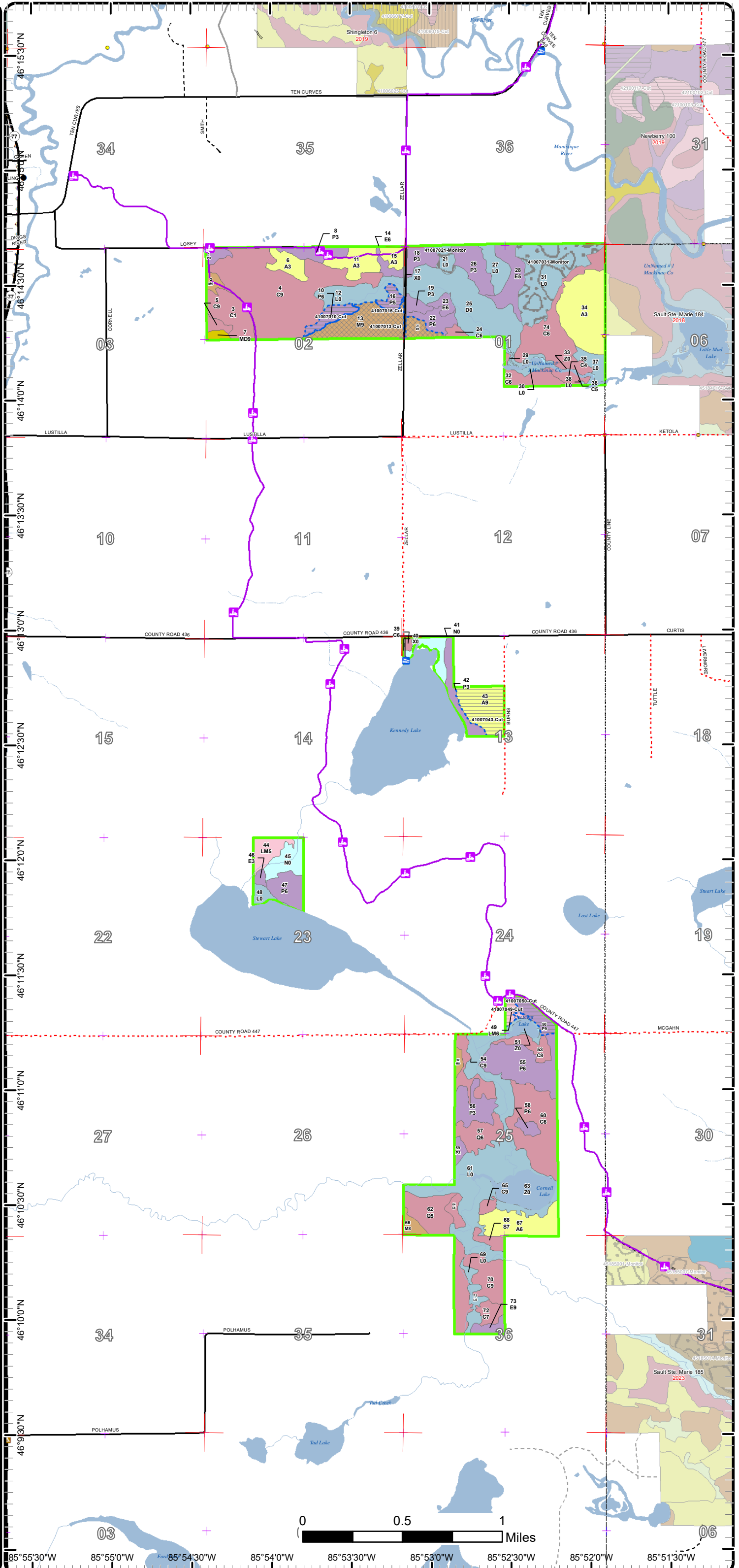
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

# Cover Type & Treatments Map

Compartment: 7  
 T44N,R13W, Sec: 1, 2, 13, 23, 24, 25, 36  
 County: Schoolcraft  
 Unit: Shingleton  
 Mgmt Area: Milakokia Lake  
 YOE: 2022  
 Acres: 1,262 GIS Calculated  
 Examiner: Scott Kentner  
 Map Revised: 8/25/2020  
 Map Phase: Web Post



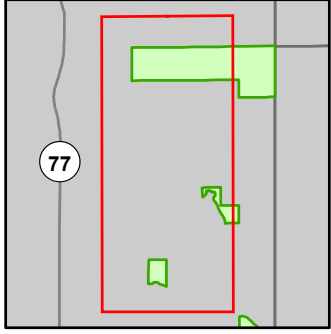
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- + Remonumented Section Corners
- Survey Grade Corners
- Counties
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- DNR - Forest Access Route
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- County - Gravel Road
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- Designated Snowmobile Trails
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- Perennial River
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- Boating Access Site
- Compartment Boundary
- Treatments with Site Conditions
- Selection (Group, Single Tree)
- Clearcut (w/Reserves)
- Regeneration Survey
- 411 - Northern Hardwood
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 611 - Lowland Deciduous Forest
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- 122 - Roads/Parking Lot
- 500 - Water
- 622 - Lowland Shrub
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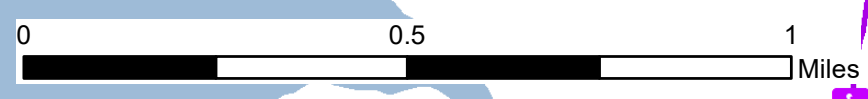
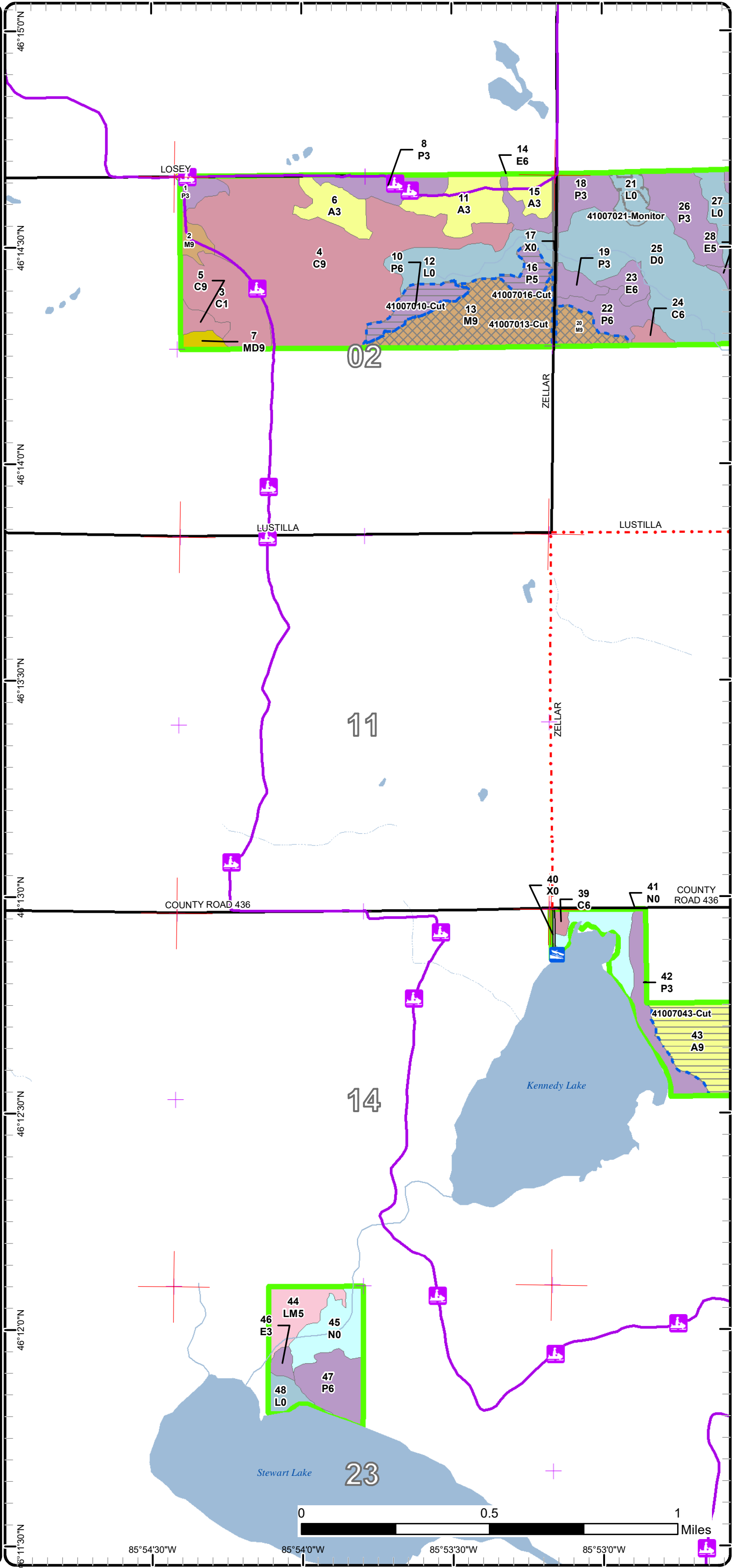
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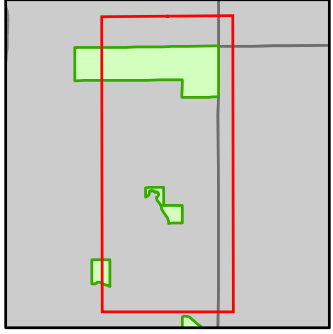
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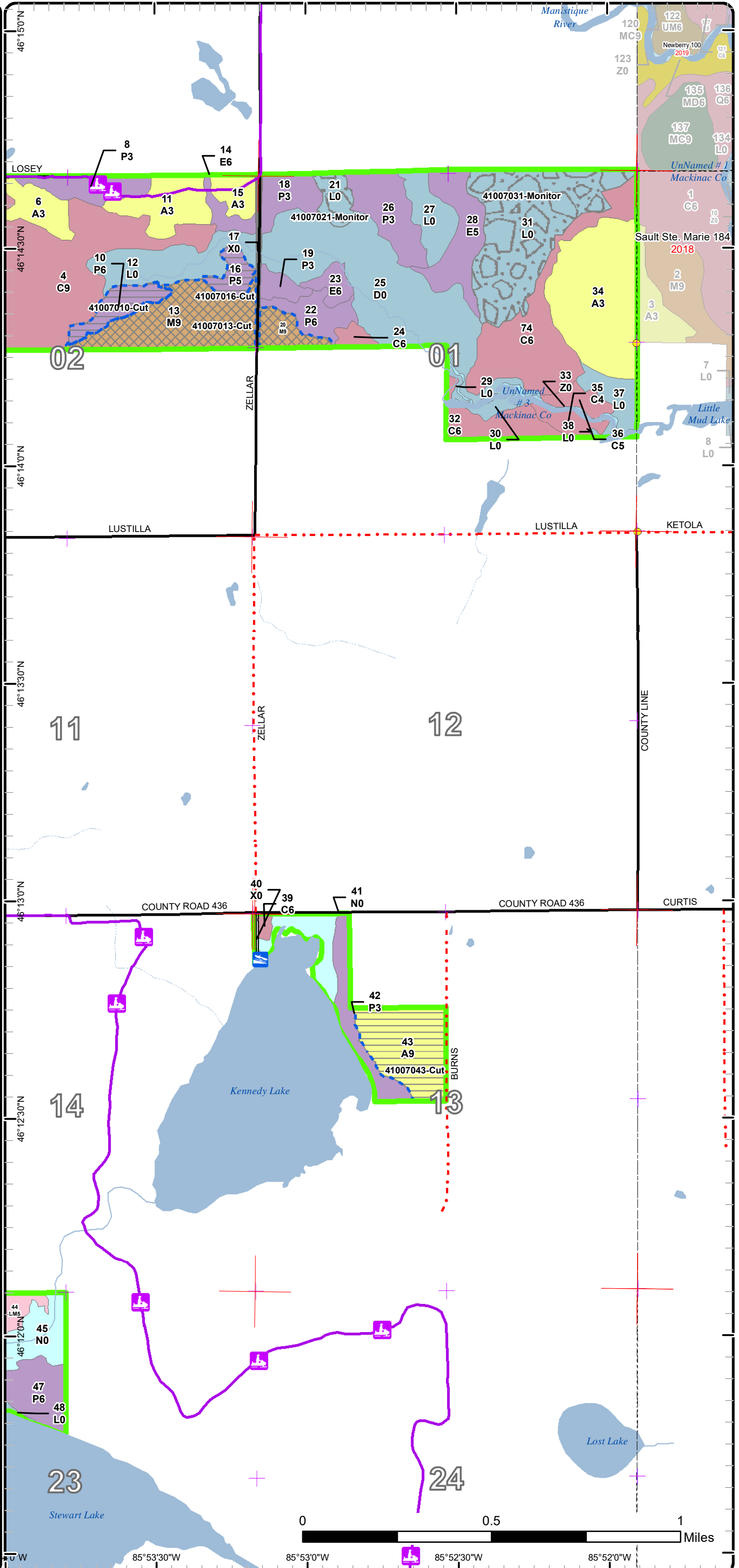
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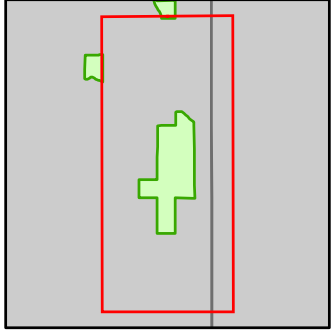
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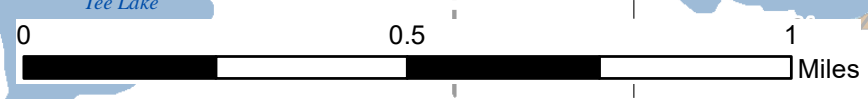
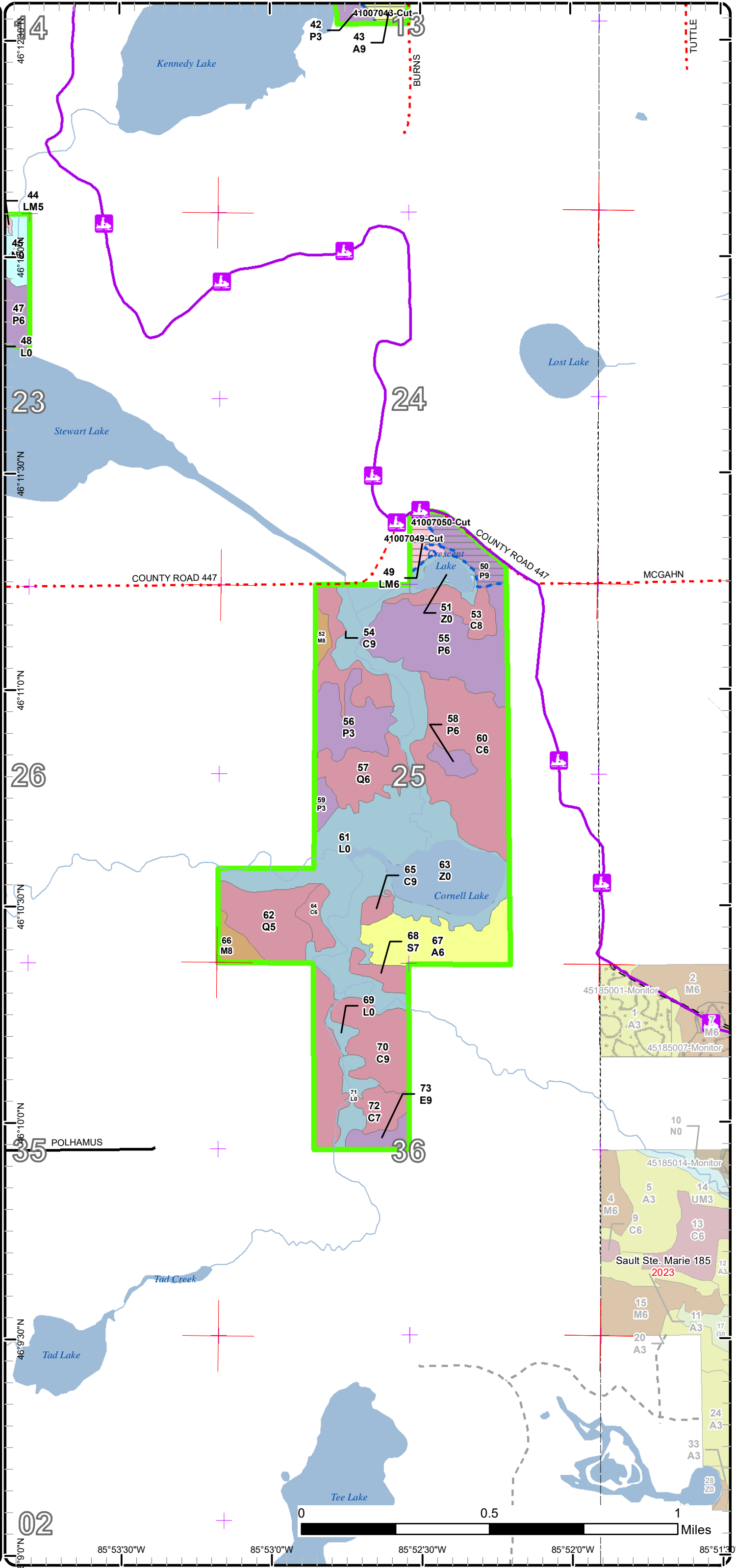


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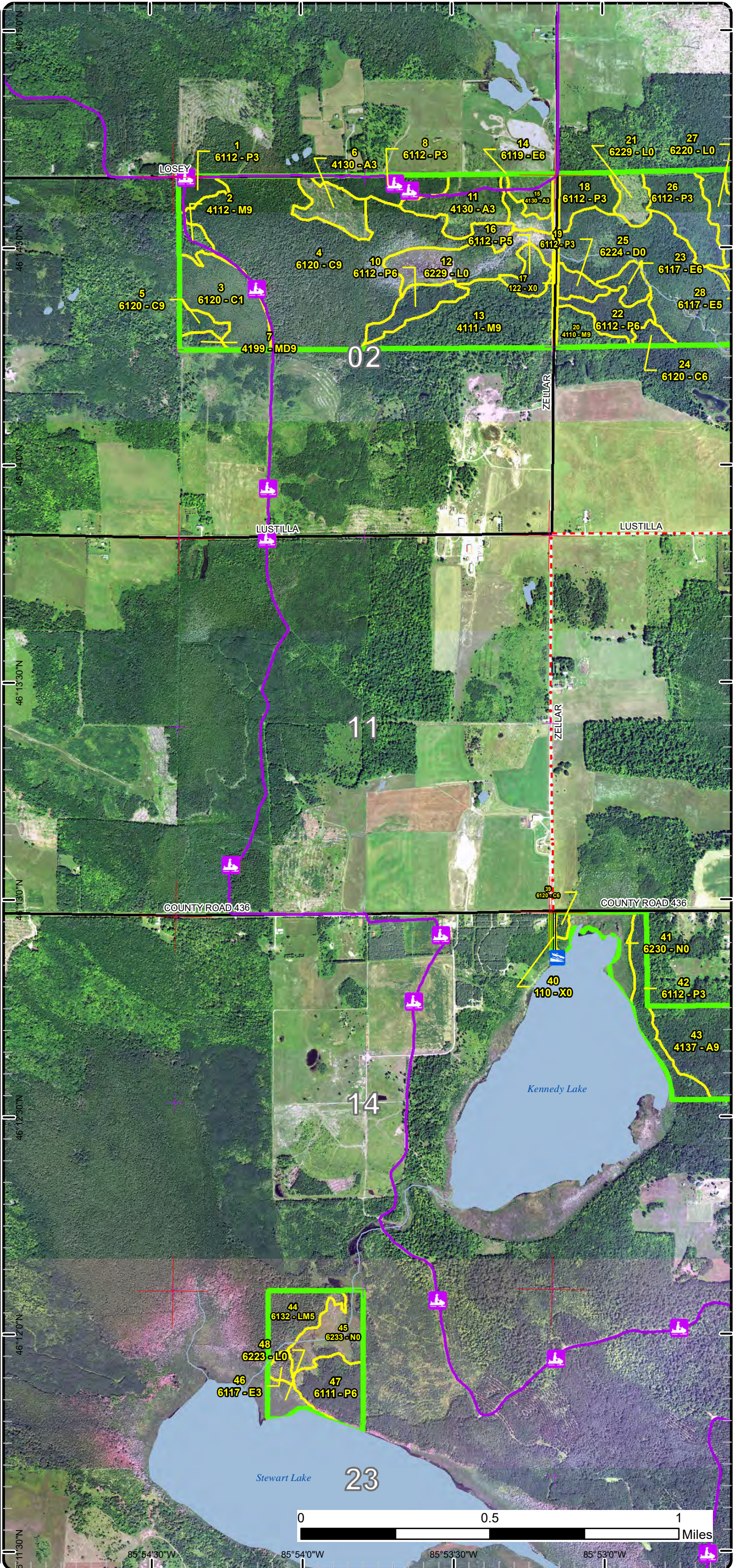
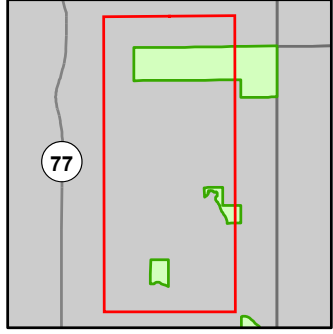


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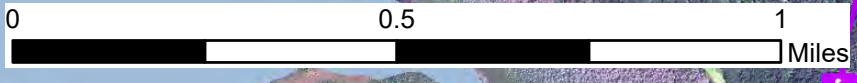


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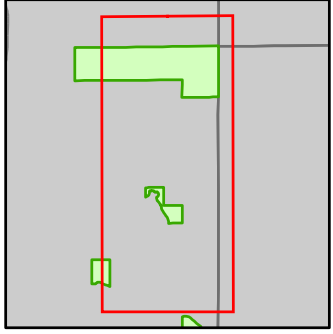


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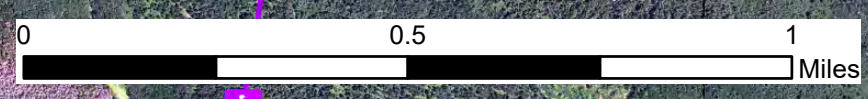
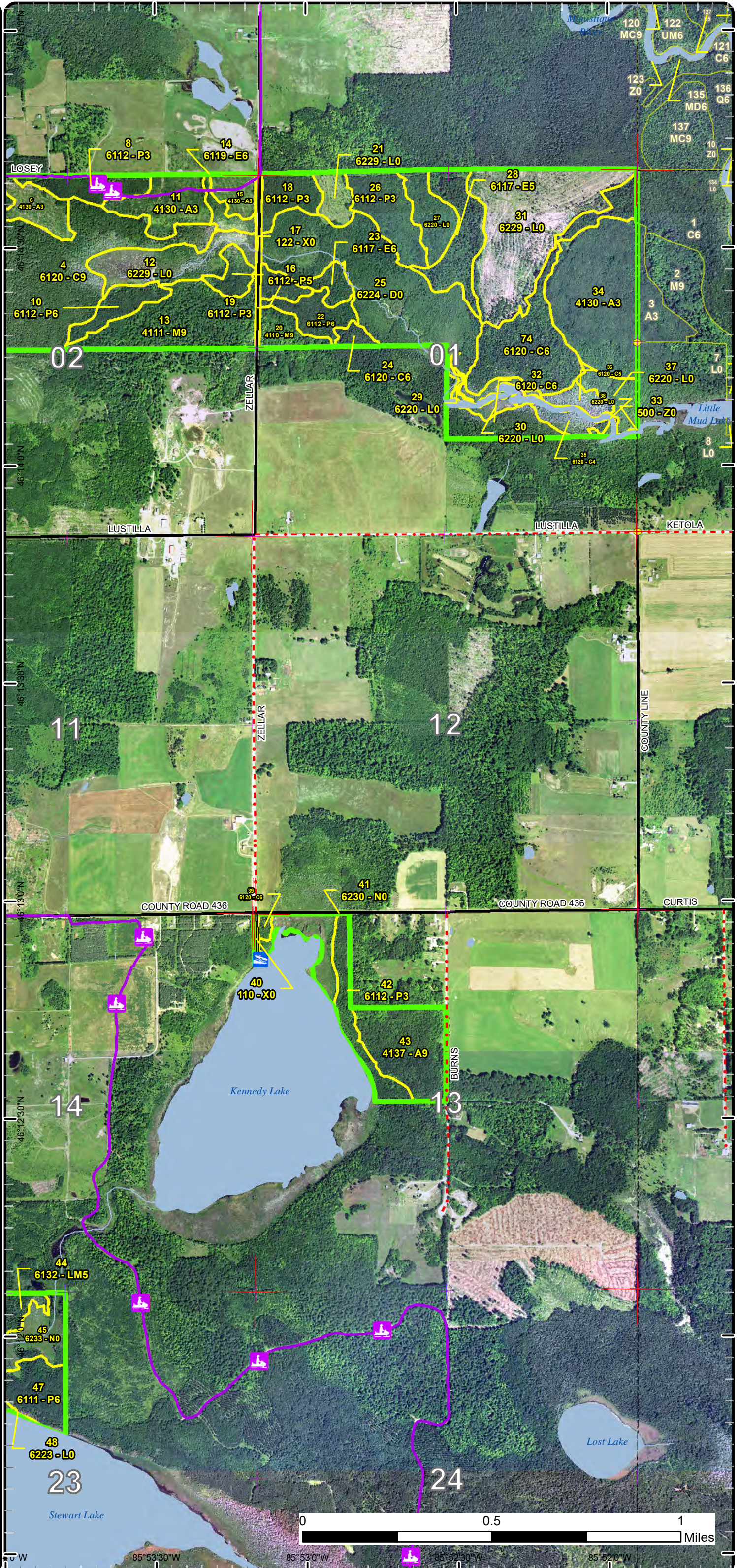


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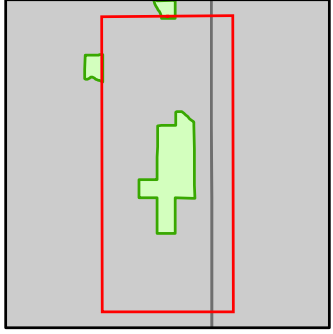


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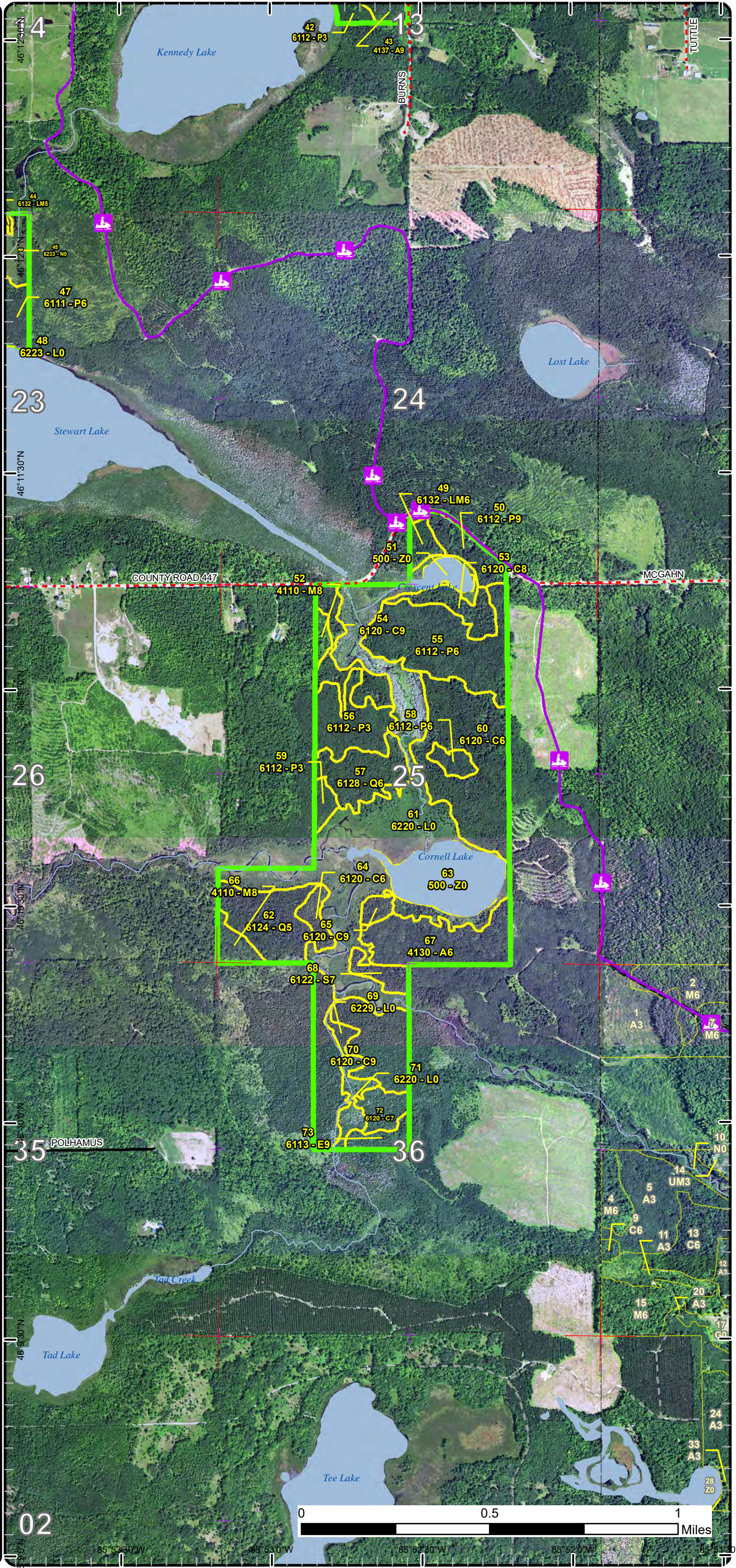


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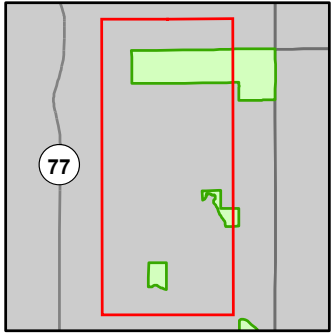


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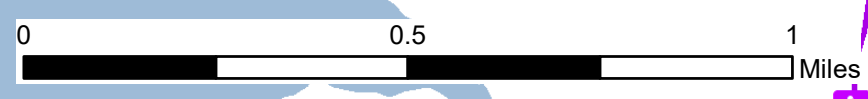
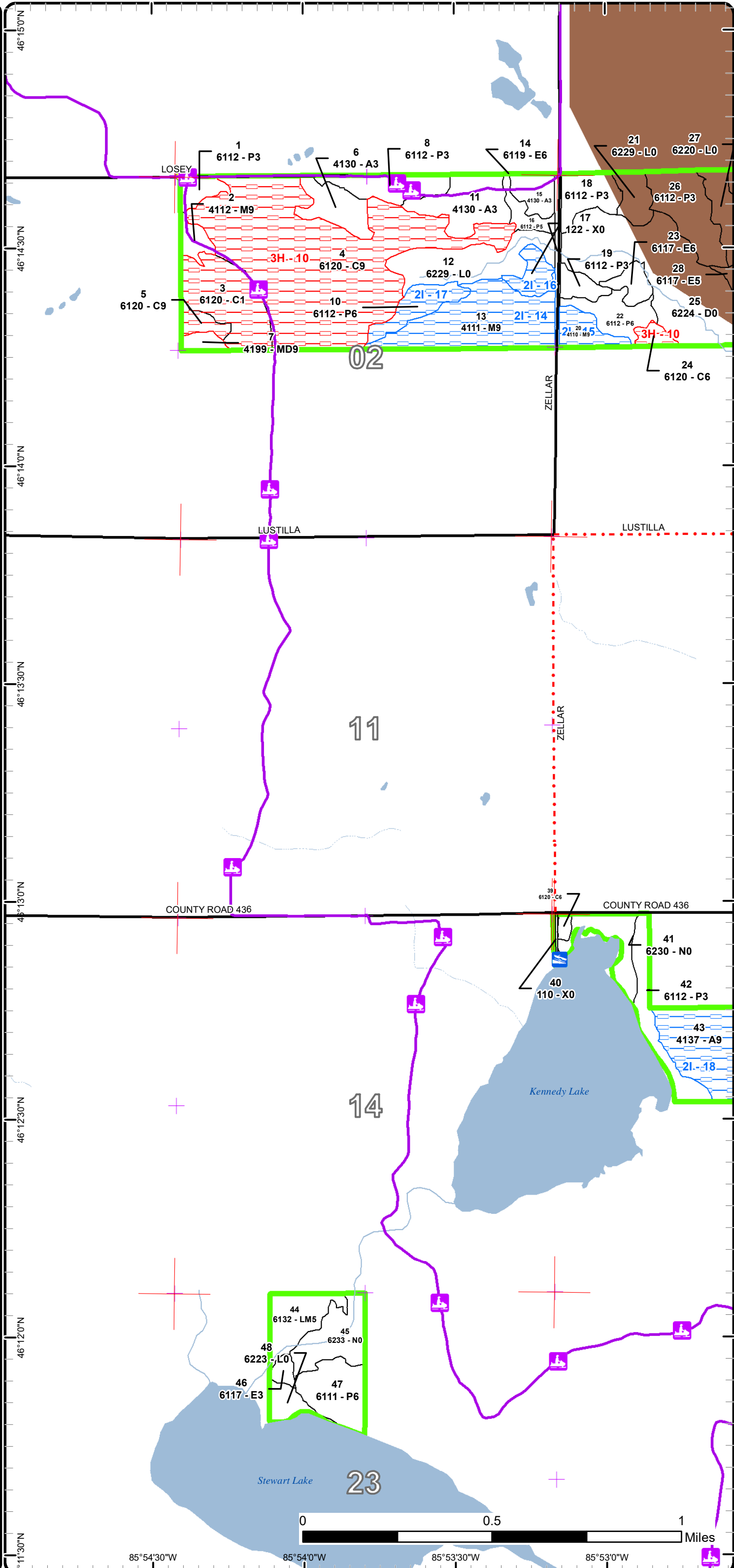


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- Unavailable
- 2! Survey needed
- Stand Boundaries
- Deer Winter Range

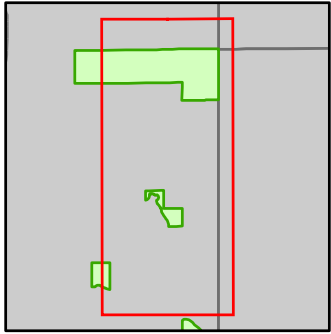


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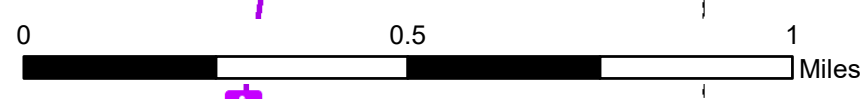
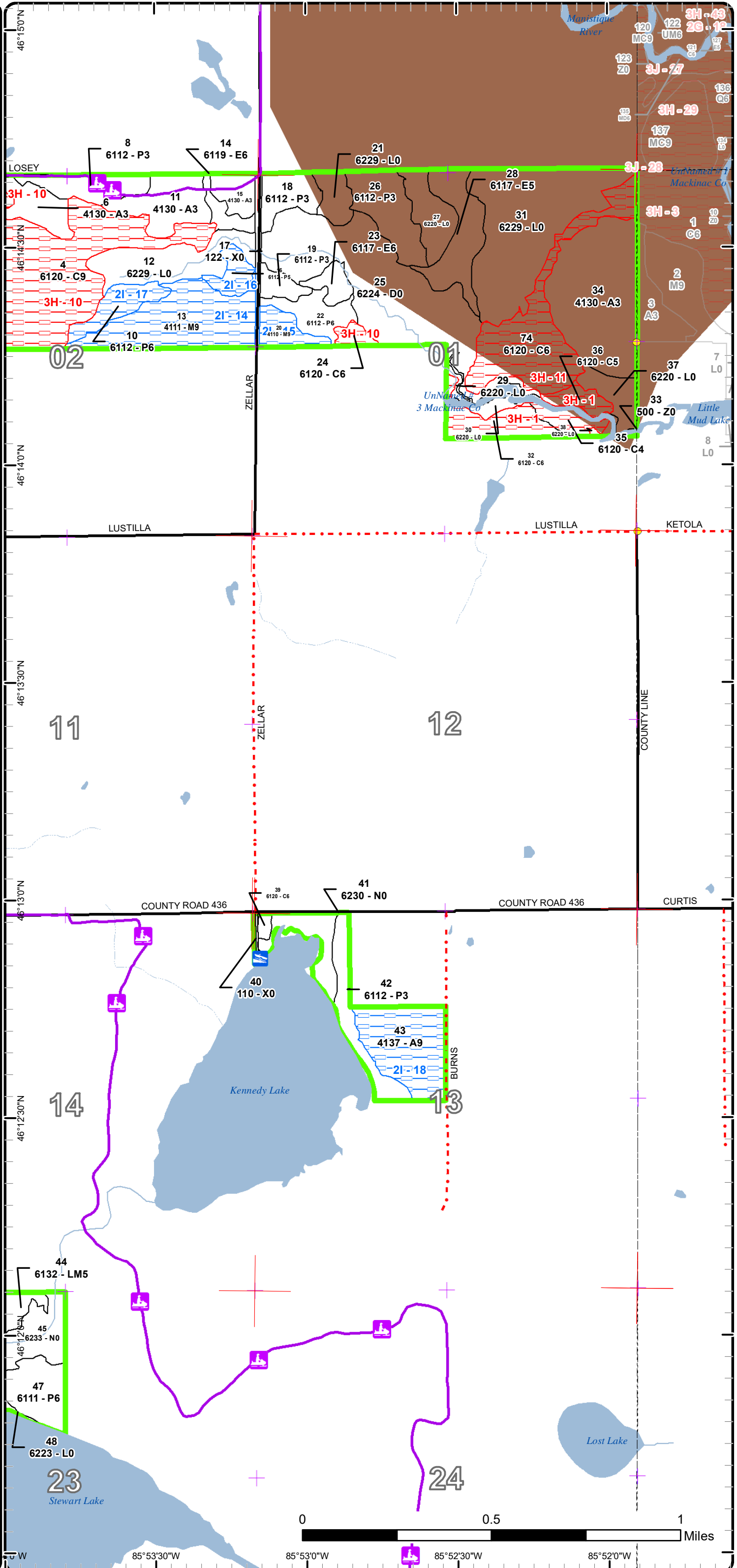


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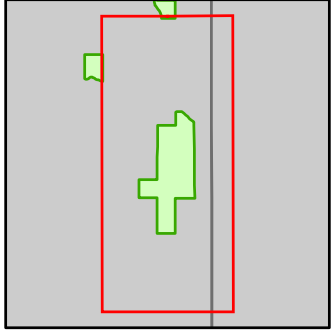


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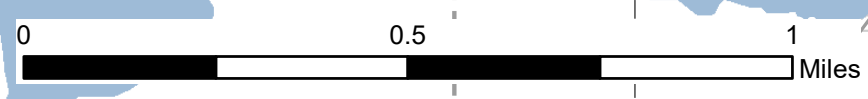
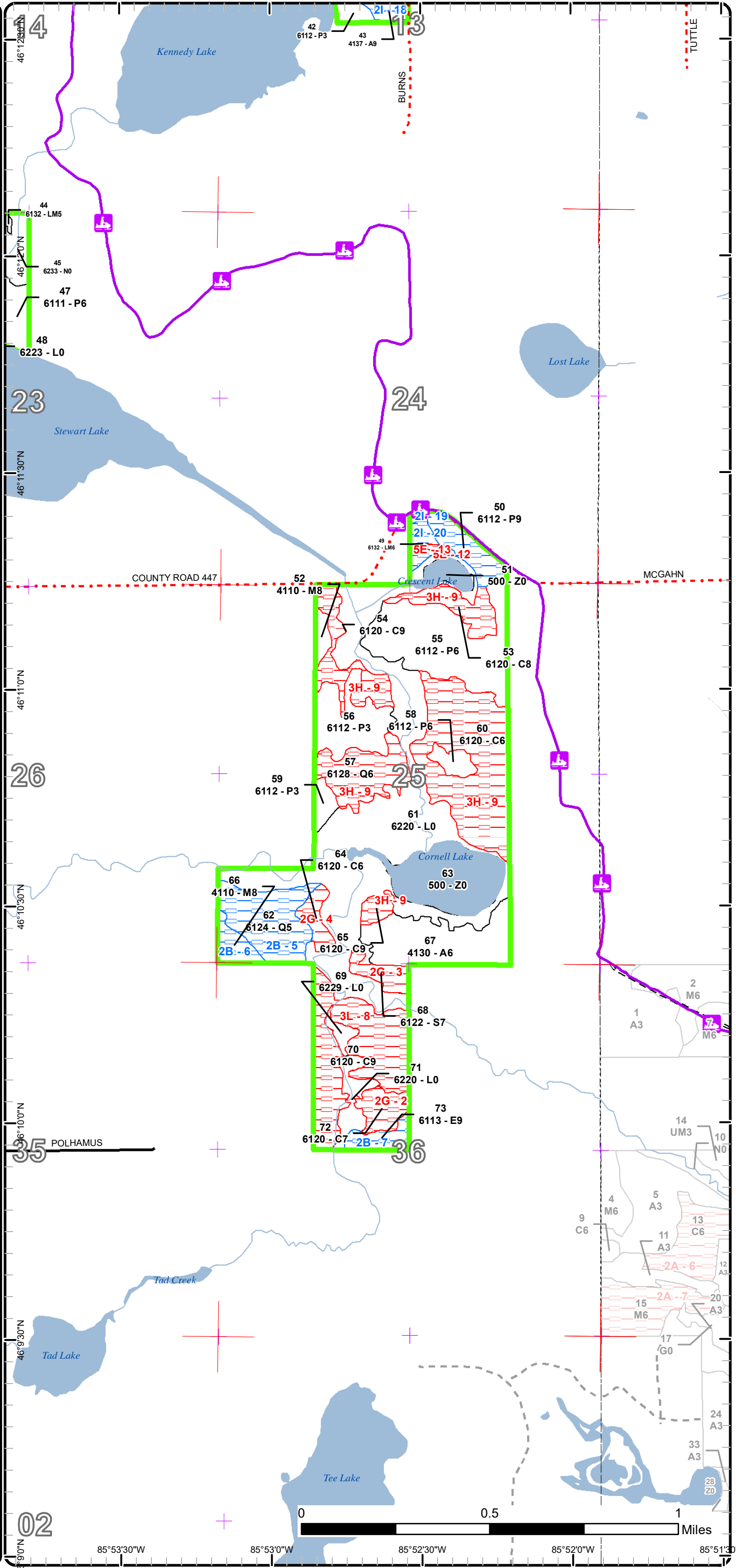


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- 2I: Survey needed
- 2G: Too wet (sensitive soils, does not include access issues)
- 3L: Other wildlife concerns
- 5E: Long-Term Retention
- Stand Boundaries



46°9'0"N 85°53'30"W 85°53'0"W 85°52'30"W 85°52'0"W 85°51'30"W



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	37	0	52	30	30	0	0	0	0	0	0	0	0	0	0	0	0	149
Cedar	0	0	0	0	0	0	0	25	0	27	229	5	50	0	19	0	0	0	353
Lowland Aspen/Balsam Poplar	0	0	19	71	74	17	12	0	0	0	0	0	0	0	0	0	0	0	192
Lowland Conifers	0	0	0	0	0	0	0	0	0	43	0	0	0	0	0	0	0	0	43
Lowland Deciduous	0	0	0	0	3	0	0	0	26	5	0	0	0	0	0	0	0	6	40
Lowland Mixed Forest	0	0	0	0	0	0	0	0	0	0	19	0	0	0	0	0	0	0	19
Lowland Shrub	254	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	254
Lowland Spruce/Fir	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	6
Marsh	28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28
Mixed Upland Deciduous	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	3
Northern Hardwood	0	0	0	0	0	0	0	0	0	3	5	0	0	0	0	0	0	52	59
Treed Bog	73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	73
Urban	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Water	39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	39
<b>Total</b>	<b>399</b>	<b>37</b>	<b>19</b>	<b>123</b>	<b>107</b>	<b>47</b>	<b>12</b>	<b>25</b>	<b>26</b>	<b>84</b>	<b>256</b>	<b>5</b>	<b>50</b>	<b>0</b>	<b>19</b>	<b>0</b>	<b>0</b>	<b>58</b>	<b>1263</b>





## Report 2 – Treatment Summary

Shingleton Mgt. Unit

Year of Entry: 2022

Acres of Harvest

Compartment 7

Total Compartment Acres: 1,262

Commercial Harvest -  
 Harvests with Site Condition - 108  
 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	30	0	0	0	0	0	0	0	0	30
Lowland Aspen/Balsam Poplar	28	0	0	0	0	0	0	0	0	28
Lowland Mixed Forest	4	0	0	0	0	0	0	0	0	4
Northern Hardwood	0	46	0	0	0	0	0	0	0	46
<b>Total</b>	<b>62</b>	<b>46</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>108</b>

### Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	108	0	0	0	0	0	68	0	0	176
Next Step	0	0	0	0	0	0	108	0	0	108
<b>Total</b>	<b>108</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>176</b>	<b>0</b>	<b>0</b>	<b>284</b>





Stand Name	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat
											Cut

**Proposed Treatments:**

<b>10</b>	<b>41007010-Cut</b>	10.0	6112 - Lowland Aspen	Poletimber Well	44	51-80	Harvest	Clearcut with Retention	6139 - Mixed Lowland Forest	Even-Aged	No
-----------	---------------------	------	-------------------------	--------------------	----	-------	---------	----------------------------	--------------------------------	-----------	----

Prescription Clearcut with retention: Harvest species leaving retention in pocket. Location of retention determined at site prep.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable any species currently on site.

Regen:

Other

Comment:

Site Condition Survey Needed

Proposed Start Date: 10/1 /2021

<b>13</b>	<b>41007013-Cut</b>	37.5	4111 - S.Maple, Hard Mast Association	Sawtimber Well	90	111- 140	Harvest	Single Tree Selection	411 - Northern Hardwood	Uneven- Aged	No
-----------	---------------------	------	---	-------------------	----	-------------	---------	--------------------------	----------------------------	-----------------	----

Prescription Single Tree Selection: Mark stand to 80 BA following the Complete Marker Guidelines. Designate all Aspen for Harvest. Leave any bear clawed beech trees.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Northern Hardwood species

Regen:

Other

Comment:

Site Condition Survey Needed

Proposed Start Date: 10/1 /2021

<b>16</b>	<b>41007016-Cut</b>	6.5	6112 - Lowland Aspen	Poletimber Medium	44	81-110	Harvest	Clearcut with Retention	6139 - Mixed Lowland Forest	Even-Aged	No
-----------	---------------------	-----	-------------------------	----------------------	----	--------	---------	----------------------------	--------------------------------	-----------	----

Prescription Clearcut with retention: Harvest all species leaving retention in pocket. Location of retention determined at site prep.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Any species currently on site.

Regen:

Other

Comment:

Site Condition Survey Needed

Proposed Start Date: 10/1 /2021





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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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<b>20</b>	<b>41007020-Cut</b>	8.1	4110 - Sugar Maple Association	Sawtimber Well	95	111-140	Harvest	Single Tree Selection	411 - Northern Hardwood	Uneven-Aged	No
-----------	---------------------	-----	--------------------------------	----------------	----	---------	---------	-----------------------	-------------------------	-------------	----

Prescription Single Tree Selection: Mark stand to 80 BA following the Complete Marker Guidelines. Designate all Aspen species for harvest. Leave any bear clawed beech trees.  
Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)  
Treatments:

Acceptable Northern Hardwood species  
Regen:

Other  
Comment:

Site Condition Survey Needed

Proposed Start Date: 10/1 /2021

<b>21</b>	<b>41007021-Monitor</b>	7.2	6229 - Mixed lowland shrub	Nonstocked		Immature	Monitoring	Natural Regen (Re-Inventory)	613 - Lowland Mixed Forest	Even-Aged	No
-----------	-------------------------	-----	----------------------------	------------	--	----------	------------	------------------------------	----------------------------	-----------	----

Prescription natural regen check  
Specs:

Next Step  
Treatments:

Acceptable Any species  
Regen:

Other  
Comment:

Site Condition

Proposed Start Date: 10/1 /2029

<b>31</b>	<b>41007031-Monitor</b>	60.6	6229 - Mixed lowland shrub	Nonstocked	0	Unspecified	Monitoring	Natural Regen (Re-Inventory)	613 - Lowland Mixed Forest	Even-Aged	No
-----------	-------------------------	------	----------------------------	------------	---	-------------	------------	------------------------------	----------------------------	-----------	----

Prescription natural regen check  
Specs:

Next Step  
Treatments:

Acceptable any species  
Regen:

Other  
Comment:

Site Condition

Proposed Start Date: 10/1 /2029

<b>43</b>	<b>41007043-Cut</b>	30.0	4137 - Aspen, Birch Association	Sawtimber Well	48	141-170	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
-----------	---------------------	------	---------------------------------	----------------	----	---------	---------	-------------------------	-------------	-----------	----

Prescription Clear cut with Retention: Harvest all species leaving retention in pocket. Location of Retention should include conifer pockets.  
Specs:

Next Step Monitoring, Natural Regen (Intermediate)  
Treatments:

Acceptable Any species currently on site.  
Regen:

Other  
Comment:

Site Condition Survey Needed

Proposed Start Date: 10/1 /2021



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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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<b>49</b>	<b>41007049-Cut</b>	4.3	6132 - Mixed Lowland Forest with Cedar	Poletimber Well	99	51-80	Harvest	Clearcut with Retention	613 - Lowland Mixed Forest	Even-Aged	No
-----------	---------------------	-----	--	--------------------	----	-------	---------	----------------------------	-------------------------------	-----------	----

Prescription Clearcut with Retention: Harvest all species within the stand leaving retention pocket around area thick to cedar. (See Treatment boundary)  
Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)  
Treatments:

Acceptable An species currently on site.  
Regen:

Other  
Comment:

Site Condition Survey Needed

Proposed Start Date: 10/1 /2021

<b>50</b>	<b>41007050-Cut</b>	11.6	6112 - Lowland Aspen	Sawtimber Well	54	81-110	Harvest	Clearcut with Retention	6139 - Mixed Lowland Forest	Even-Aged	No
-----------	---------------------	------	-------------------------	-------------------	----	--------	---------	----------------------------	--------------------------------	-----------	----

Prescription Clearcut with Retention: Harvest all species leaving retention in pocket. Retention should be left along the pond's edge adjacent stand  
Specs: 49.(see Treatment Boundary)

Next Step Monitoring, Natural Regen (Re-Inventory)  
Treatments:

Acceptable Any species currently on site.  
Regen:

Other  
Comment:

Site Condition Survey Needed

Proposed Start Date: 10/1 /2021

**Total Treatment** 175.8  
**Acreage Proposed:**



## Report 4 – Site Conditions

Shingleton Mgt. Unit  
Scott Kentner: Examiner

Compartment: 7  
Year of Entry: 2022

### Availability for Management

Total Acres	Acres Available	Acres Avail		Acres Not Available	Dominant Site Conditions							
		With Condition			2B	2I	2G	3H	3L	5E		
149	119	30		0	Aspen		30	0				
353	2	0		351	Cedar	0		13	297	41		
193	165	28		0	Lowland Aspen/Balsam Poplar		28					0
43	0	24		19	Lowland Conifers	24		0	19			
40	34	6		0	Lowland Deciduous	6		0				
19	14	4		1	Lowland Mixed Forest		4					1
253	253	0		0	Lowland Shrub			0		0		
6	0	0		6	Lowland Spruce/Fir			6				
28	28	0		0	Marsh							
3	3	0		0	Mixed Upland Deciduous							
59	8	52		0	Northern Hardwood	6	46					
73	73	0		0	Treed Bog							
5	5	0		0	Urban							
39	39	0		0	Water							
1,262	741	144		377	Total Forested Acres	36	108	19	316	41		1
	59%	11%		30%	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	26	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
2	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	8	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							



## Report 4 – Site Conditions

Shingleton Mgt. Unit  
Scott Kentner : Examiner

Compartment: 7  
Year of Entry: 2022

3	<b>Unavailable</b>	2G: Too wet (sensitive soils, does not include access issues)	6	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
4	<b>Unavailable</b>	2G: Too wet (sensitive soils, does not include access issues)	6	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
5	<b>Available</b>	2B: Unknown if access through adjacent landowner(s) is possible	24	2B: Unknown if access through adjacent landowner(s) is possible	Unspecified	Unspecified	Unspecified
<b>Comments:</b> Remote stand with difficult access. Stand is desirable for harvest, if access found or given by adjacent landowner.							
6	<b>Available</b>	2B: Unknown if access through adjacent landowner(s) is possible	6	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
7	<b>Available</b>	2B: Unknown if access through adjacent landowner(s) is possible	6	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							



## Report 4 – Site Conditions

Shingleton Mgt. Unit  
Scott Kentner: Examiner

Compartment: 7  
Year of Entry: 2022

8	<b>Unavailable</b>	<b>3L: Other wildlife concerns</b>	41	2B: Unknown if access through adjacent landowner(s) is possible	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
9	<b>Unavailable</b>	<b>3H: Deer Wintering Area - habitat is incompatible with harvest at this time</b>	99	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
10	<b>Unavailable</b>	<b>3H: Deer Wintering Area - habitat is incompatible with harvest at this time</b>	150	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
11	<b>Unavailable</b>	<b>3H: Deer Wintering Area - habitat is incompatible with harvest at this time</b>	41	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
12	<b>Unavailable</b>	<b>5E: Long-Term Retention</b>	0	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
13	<b>Unavailable</b>	<b>5E: Long-Term Retention</b>	1	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							



## Report 4 – Site Conditions

Shingleton Mgt. Unit  
Scott Kentner : Examiner

Compartment: 7  
Year of Entry: 2022

14	Available	2I: Survey needed	38	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
15	Available	2I: Survey needed	8	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
16	Available	2I: Survey needed	7	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
17	Available	2I: Survey needed	10	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
18	Available	2I: Survey needed	30	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
19	Available	2I: Survey needed	12	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
20	Available	2I: Survey needed	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	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	Sapling Well	5.1	24	51-80	N/A	Transitional site between upland & lowland habitat.																																																						
<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>Quaking Aspen</td> <td>100</td> <td>Sapling</td> <td>4</td> <td>24</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	100	Sapling	4	24	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Balsam Fir</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Black Ash</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Dogwood (spp.)</td> <td>Low</td> <td>&lt; 5 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>				Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Low	Variable	Sapling	Black Ash	Low	5 - 10 feet	Sapling	Dogwood (spp.)	Low	< 5 feet	Tall Shrub																														
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Dogwood (spp.)	Low	< 5 feet	Tall Shrub																																																										
2	4112 - Maple, Beech, Cherry Association	Sawtimber Well	4.5	95	81-110	N/A	Rolling terrain featuring unevenaged hardwoods on a transitional site between upland & lowland habitat.																																																						
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7	4199 - Other Mixed Upland Deciduous	Sawtimber Well	3.3	90	81-110	N/A	maple stand with clones of large aspen																																																					
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12	6229 - Mixed lowland shrub	Nonstocked	23.9			No	Cattails & grasses in the open areas; lowland shrubs & dead cedar, etc. in many places. Water levels appear to vary significantly throughout the year. Scattered (low density) submerchantable cedar, fir, birch & ash are also present.																																																					
13	4111 - S.Maple, Hard Mast Association	Sawtimber Well	37.5	90	111-140	N/A	Unevenaged hardwoods Scattered yellow birch, black cherry, Aspen Balsam Poplar and white ash found in this stand. less than 1%																																																					
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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**14** 6119 - Mixed Lowland Deciduous Forest Poletimber Well 4.8 81 51-80 N/A Very wet swale - lowland hardwoods + aspen/fir.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
American Elm	25	Pole	7		Balsam Fir	Medium	Variable	Sapling
Red Maple	5	Pole	9		Black Ash	Low	Variable	Sapling
Paper Birch	5	Pole	8		Tag Alder	Medium	Variable	Tall Shrub
Quaking Aspen	15	Log	10		Maple (spp.)	Low	Variable	Sapling
Balsam Fir	5	Pole	8					
Black Ash	45	Pole	7	81				

**15** 4130 - Aspen Sapling Well 7.2 8 Immature N/A

Canopy Species	% Cover	Size Class	DBH	Age
Quaking Aspen	100	Sapling	2	8

TS 12-12 LZ mix  
TCR 8/10/15

**16** 6112 - Lowland Aspen Poletimber Medium 6.5 44 81-110 N/A Crown closure varies throughout this stand.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	5	Pole/Sapling	6		Balsam Fir	Medium	Variable	Sapling
Red Maple	10	Log	10		Northern White Cedar	Low	Variable	Sapling
Quaking Aspen	85	Pole	7	44	Black Ash	Medium	Variable	Sapling
					Maple (spp.)	Medium	Variable	Sapling
					Mountain Maple	Low	Variable	Tall Shrub
					Dogwood (spp.)	Low	Variable	Tall Shrub

**17** 122 - Road/Parking Lot Nonstocked 4.2 No

**18** 6112 - Lowland Aspen Sapling Well 10.8 24 Immature N/A young aspen

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
American Elm	5	Sapling	3		Balsam Fir	Low	5 - 10 feet	Sapling
Paper Birch	5	Sapling	3		Black Ash	Low	< 5 feet	Sapling
Quaking Aspen	80	Sapling	4	24	Tag Alder	Low	Variable	Tall Shrub
Balsam Poplar	10	Sapling	4		Willow spp.	Low	Variable	Tall Shrub

**19** 6112 - Lowland Aspen Sapling Well 4.9 24 1-50 N/A young aspen w/a few residual elm, fir & spruce poles

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
American Elm	2	Pole	8		Balsam Fir	Low	Variable	Sapling
Paper Birch	3	Sapling	2		White Spruce	Low	Variable	Sapling
Quaking Aspen	90	Sapling	3	24	Tag Alder	Medium	Variable	Tall Shrub
Balsam Fir	2	Pole	5		Dogwood (spp.)	Low	Variable	Tall Shrub
White Spruce	3	Pole	6		Willow spp.	Low	Variable	Tall Shrub





Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments	
<b>20</b>	4110 - Sugar Maple Association	Sawtimber Well	8.1	95	111-140	N/A	Unevenaged hardwoods - sugar maple is dominant. Greater species diversity along the stand's edges where it borders the lowlands, some Aspen and Balsam poplar, less than 1%.	
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>		
Sugar Maple		85	Log/Pole/XLog	13	95	Sugar Maple		
Red Maple		3	Log	10		Beech		
Yellow Birch		5	Log	13		Balsam Fir		
Beech		5	Log	13		Hemlock		
Black Ash		2	Log	10				
<b>21</b>	6229 - Mixed lowland shrub	Nonstocked	7.2		Immature	613 - Lowland Mixed Forest	poorly stocked with aspen and cedar. cattails filling in wet areas, check again for regen at next inventory cycle.	
							TS 012-12 LZ Mix TCR 8/10/15	
<b>22</b>	6112 - Lowland Aspen	Poletimber Well	11.0	32	1-50	N/A	Young aspen on rolling terrain; more lowland than upland. Trees are just reaching merchantable size.	
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>		
Red Maple		10	Pole/Sapling	5		Balsam Fir		
Yellow Birch		2	Sapling/Pole	4		Maple (spp.)		
Paper Birch		10	Pole	5				
Quaking Aspen		66	Pole/Sapling	6	32			
Balsam Fir		2	Sapling/Pole	4				
Black Ash		10	Sapling/Pole	4				
<b>23</b>	6117 - Lowland Deciduous, Mixed Coniferous	Poletimber Well	5.4	75	1-50	N/A	Evidence suggests that this stand is succeeding from a lowland poplar stand as the balsam poplar drops out.	
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>		
American Elm		10	Pole	6		Balsam Fir		
Paper Birch		50	Pole	8	75	Tag Alder		
Balsam Poplar		2	Pole/Log	9				
Balsam Fir		18	Pole	6				
Black Spruce		10	Pole	7				
Northern White Cedar		10	Pole/Sapling	6				
<b>24</b>	6120 - Lowland Cedar	Poletimber Well	3.2	108	111-140	N/A		
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>		
Quaking Aspen		40	Log/Pole	11		American Elm		
Northern White Cedar		60	Pole/Log	8	108	Northern White Cedar		
						Black Ash		
						Tag Alder		
						Willow spp.		



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments					
25	6224 - Treed Bog	Nonstocked	72.7			No	Wet site featuring scattered submerchantable conifers, paper birch, lowland brush spp. and wetland grasses/shrubs throughout the area. Site indices appear to be too low for commercial timber management, though a few trees have reached merch. size.  Mud Creek flows through this stand; evidence of seasonal flooding is present.					
								Sub-Canopy Species	Density	Avg. Height	Size	
								Tag Alder	Medium		Tall Shrub	
								Conifers	Low			
Paper Birch	Low		Sapling									
26	6112 - Lowland Aspen	Sapling Well	19.1	15	Immature	N/A						
								Canopy Species	% Cover	Size Class	DBH	Age
								Quaking Aspen	95	Sapling	2	15
								Black Ash	5	Sapling	1	15
Sub-Canopy Species	Density	Avg. Height	Size									
Black Ash	Low	Variable	Sapling									
Tag Alder	Low	Variable	Tall Shrub									
Dogwood (spp.)	Low	Variable	Tall Shrub									
27	6220 - Alder/willow	Nonstocked	12.8		Unspecified	No	Regeneration of commercial tree spp. is sparse; the area is dominated by tag alder/willow.					
								Sub-Canopy Species	Density	Avg. Height	Size	
								Tag Alder	Medium		Tall Shrub	
28	6117 - Lowland Deciduous, Mixed Coniferous	Poletimber Medium	20.7	75	1-50	N/A	Stand now displays unevenaged characteristics as the mid-successional species (spruce-fir-red maple) advance to upper-crown positions. The age shown here approximates that of the oldest trees (generally the paper birch) in the stand, and matches the adjacent spruce stand. Site indices vary from place to place within the stand, but are generally in the low-to-medium range for commercial timber management.					
								Canopy Species	% Cover	Size Class	DBH	Age
								Red Maple	7	Pole	6	
								Paper Birch	45	Pole/Log	9	75
								Quaking Aspen	20	Pole	7	
								Balsam Fir	20	Pole	7	
								Northern White Cedar	5	Pole	6	
Sub-Canopy Species	Density	Avg. Height	Size									
Red Maple	Low	Variable	Sapling									
Balsam Fir	Low	Variable	Sapling									
Black Ash	Low	Variable	Sapling									
Tag Alder	High	Variable	Tall Shrub									
29	6220 - Alder/willow	Nonstocked	1.0			No						
30	6220 - Alder/willow	Nonstocked	3.0			No						
31	6229 - Mixed lowland shrub	Nonstocked	60.6	0	Unspecified	611 - Lowland Deciduous Forest	TS 012-12 LZ Mix TCR 8/10/15 pockets of Aspen regeneration, lots of scattered cedar saplings. red maple stump sprouts scattered, not quite fully stocked, check regen status again at next inventory,					





Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																												
32	6120 - Lowland Cedar	Poletimber Well	14.5	85	201+	N/A																																																													
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36	6120 - Lowland Cedar	Poletimber Medium	5.6	85	1-50	N/A	Back-flooded cedar - the few that are still alive are badly stressed. Paper birch & black ash were scattered components of this stand, but virtually all of the deciduous trees in the upper canopy are dead.																																																												
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39	6120 - Lowland Cedar	Poletimber Well	1.5	102	141-170	N/A	Good wildlife cover near Kennedy Lake. Stand includes a small pocket of upland hardwoods near the boat launch.																																																															
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40	110 - Low Intensity Urban	Nonstocked	1.1			No																																																																
41	6230 - Cattail	Nonstocked	11.8			No																																																																
42	6112 - Lowland Aspen	Sapling Well	14.5	24	Immature	N/A	Cut in 1996.																																																															
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43	4137 - Aspen, Birch	Sawtimber Well	30.0	48	141-170	N/A																																																																
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44	6132 - Mixed Lowland Forest with Cedar	Poletimber Medium	13.7	99	1-50	N/A	This stand is beginning to exhibit unevenaged characteristics as the first cohorts of spruce/ fir/balsam poplar/paper birch are rapidly dropping out. Site indices appear to vary throughout but generally seem to be in the low-to-medium ranges. Natural disturbances including blowdown, breakup & flooding are fairly regular occurrences here; this plus the semi-open nature of the wetter areas results in extremely variable crown closure. The age given here is from previous inventory records. In reality a fair degree of age-class diversity has developed.																																																															
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45	6233 - Wet Meadow	Nonstocked	16.0			No	This semi-open wetland is a mix of tag alder/willow, cattails & other emergent spp., wet grassy meadow and low-density trees that are generally submerchantable. A few pockets of bigger trees are also present on slightly elevated knobs.																																																															





Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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**46** 6117 - Lowland Deciduous, Mixed Coniferous Sapling Well 2.6 34 1-50 N/A

Age is estimated from from cutting records. The site is extremely wet, and all trees are very slow-growing. Scattered merchantable trees are present, but generally in poor shape.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Paper Birch	20	Sapling/Pole	4	34	Balsam Fir	Low	Variable	Sapling
Balsam Poplar	15	Sapling	2		Black Spruce	Low	Variable	Pole
Balsam Fir	10	Sapling	2		Northern White Cedar	Low	Variable	Sapling
Black Spruce	15	Sapling/Pole	4		Tag Alder	High	Variable	Tall Shrub
Northern White Cedar	20	Sapling	2		Mountain Maple	Medium	Variable	Tall Shrub

**47** 6111 - Lowland Balsam Poplar Poletimber Well 16.5 31 81-110 N/A

Cut in 1989 and has already reached merchantable size. This stand occupies a transitional site that includes a mix of both upland & lowland habitat characteristics. It is fully-stocked with quaking aspen & balsam poplar; the dense understory includes a wide variety of tree species. The larger hardwood poles were probably advanced regeneration from the previous stand.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	5	Pole	7		Sugar Maple	Low	Variable	Sapling
White Ash	5	Pole	6		Red Maple	Low	Variable	Sapling
Quaking Aspen	50	Pole	6	31	Balsam Fir	Low	Variable	Sapling
Balsam Poplar	40	Pole	7		White Spruce	Low	Variable	Sapling
					Ironwood	Low	Variable	Sapling

**48** 6223 - Inundated Shrub Swamp Nonstocked 5.7 No

Very wet area bordering Stewart Lake. Scattered tag alder & willow plus low shrubs, cattails & grasses/sedges - generally open marshland.

Sub-Canopy Species	Density	Avg. Height	Size
Willow spp.	Low		Tall Shrub
Tag Alder	Low		Tall Shrub

**49** 6132 - Mixed Lowland Forest with Cedar Poletimber Well 4.9 99 51-80 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Paper Birch	20	Pole	8		Balsam Fir	Medium	Variable	Sapling
Quaking Aspen	5	Log	12		Tag Alder	Medium	Variable	Tall Shrub
Balsam Poplar	5	Log	12		Mountain Maple	Low	Variable	Tall Shrub
Balsam Fir	5	Pole	9					
Black Spruce	10	Log	10					
Northern White Cedar	35	Pole/Log	9	99				
Black Ash	20	Pole/Log	9					

**50** 6112 - Lowland Aspen Sawtimber Well 11.9 54 81-110 N/A

Aspen on a transitional (upland to lowland) site.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Quaking Aspen	65	Log	12	54	Sugar Maple	Medium	Variable	Sapling
Bigtooth Aspen	5	Log	12		Balsam Fir	High	Variable	Sapling
Balsam Fir	5	Log	10		Tag Alder	Low	Variable	Tall Shrub
White Spruce	15	Log	16		Mountain Maple	Low	Variable	Tall Shrub
Black Ash	5	Pole/Log	9					
Sugar Maple	5	Log	10					







Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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<b>56</b>	6112 - Lowland Aspen	Sapling Well	19.8	28	1-50	N/A	Young aspen - a few stems are reaching merch. size. Stand density is somewhat variable.
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Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	5	Sapling	2	
Paper Birch	10	Sapling	2	
Quaking Aspen	60	Sapling/Pole	4	28
Balsam Poplar	20	Sapling/Pole	4	
Black Ash	5	Sapling	2	

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	Low	< 5 feet	Sapling
Black Spruce	Low	< 5 feet	Sapling
Black Ash	Low	Variable	Sapling
Tag Alder	Low	Variable	Tall Shrub

<b>57</b>	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Well	18.8	85	81-110	N/A	This stand gets wetter as you approach the creek bottom to the east & south. Site indices vary throughout but are generally medium to low; some age variability is also evident.
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Canopy Species	% Cover	Size Class	DBH	Age
Yellow Birch	5	Pole/Log	9	
Paper Birch	5	Pole	6	
Quaking Aspen	10	Pole/Log	9	
Balsam Fir	20	Pole	7	
Black Spruce	20	Pole	8	
Northern White Cedar	35	Pole	7	85

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	Low	Variable	Sapling
Black Ash	Low	Variable	Sapling
Tag Alder	Medium	Variable	Tall Shrub

<b>58</b>	6112 - Lowland Aspen	Poletimber Well	4.3	34	1-50	N/A	Young aspen cut in 1986.
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Canopy Species	% Cover	Size Class	DBH	Age
American Elm	5	Sapling	4	
Red Maple	5	Sapling	3	
Paper Birch	5	Pole/Sapling	5	
Quaking Aspen	80	Pole	6	34
Black Ash	5	Sapling/Pole	4	

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	Low	Variable	Sapling
Black Ash	Low	Variable	Sapling

<b>59</b>	6112 - Lowland Aspen	Sapling Well	3.9	28	1-50	N/A	A few trees are reaching merchantable size.
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Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	5	Sapling	3	
Paper Birch	5	Sapling	3	
Quaking Aspen	70	Sapling/Pole	4	28
Balsam Poplar	5	Sapling/Pole	4	
Balsam Fir	5	Sapling	2	
Black Spruce	5	Sapling	2	
Black Ash	5	Sapling	2	

Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	Low	< 5 feet	Sapling
Balsam Fir	Low	< 5 feet	Sapling
Black Ash	Low	< 5 feet	Sapling
Tag Alder	Low	Variable	Tall Shrub



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																							
<b>60</b>	6120 - Lowland Cedar	Poletimber Well	51.6	99	141-170	N/A	Site indices vary but are generally moderate to good. The density & composition of the understory also change quite a bit from site to site within the stand area.																																																							
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<b>61</b>	6220 - Alder/willow	Nonstocked	118.7			No	Heavy tag alder/willow on very wet ground surrounding Crescent Lake. Ground cover includes grass/sedges and cattails; a few submerchantable fir & cedar are also present along the fringes of the adjacent timber stands.																																																							
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<b>62</b>	6124 - Lowland Spruce-Fir	Poletimber Medium	24.0	87	81-110	N/A	Site conditions change quickly from site to site within this stand, resulting in variable composition, density and site indices. Aspen & paper birch are breaking up.																																																							
<b>63</b>	500 - Water	Nonstocked	27.7			No	Cornell Lake																																																							
<b>64</b>	6120 - Lowland Cedar	Poletimber Well	5.5	111	111-140	N/A	Slow-growing cedar etc. on boggy ground - operability is questionable along the southern & eastern edges of this stand.																																																							
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<b>65</b>	6120 - Lowland Cedar	Sawtimber Well	3.5	111	111-140	N/A	Cedar on wet, boggy ground - operability is questionable. Low to moderate site index. A few scattered balsam poplar & birch are also present. Some evidence of age-class diversity is developing.																																																							
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<b>66</b>	4110 - Sugar Maple Association	Sawtimber Medium	6.0	87	81-110	N/A	Unevenaged hardwoods - the ages given are rough averages that match the adjacent timber on state land.																																																							



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments		
<b>67</b>	4130 - Aspen	Poletimber Well	29.7	30	81-110	N/A			
	<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>
	Paper Birch	6	Pole/Sapling	5		Red Maple	Low	Variable	Sapling
	Quaking Aspen	85	Pole	6	30	Balsam Fir	Low	< 5 feet	Sapling
	Balsam Fir	3	Sapling	3		Black Spruce	Low	< 5 feet	Sapling
	Black Spruce	3	Sapling	3		Black Ash	Low	Variable	Sapling
	Northern White Cedar	3	Sapling	2		Tag Alder	Medium	Variable	Tall Shrub
<b>68</b>	6122 - Black Spruce	Sawtimber Poor	6.0	88	51-80	N/A			
	<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>
	Paper Birch	10	Pole	7		Balsam Fir	Low	Variable	Sapling
	Balsam Poplar	2	Log	12		Tag Alder	Medium	Variable	Tall Shrub
	Balsam Fir	5	Pole	8		Willow spp.	Low	Variable	Tall Shrub
	Black Spruce	80	Log	10	88				
	Tamarack	2	Pole/Log	8					
	Black Ash	1	Pole	7					
<b>69</b>	6229 - Mixed lowland shrub	Nonstocked	2.5			No			
<b>70</b>	6120 - Lowland Cedar	Sawtimber Well	40.9	111	111-140	N/A	Unevenaged characteristics are developing as natural disturbances create structural diversity within this stand of relatively slow-growing cedar.		
	<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>
	Yellow Birch	2	Log	14		Red Maple	Low	Variable	Sapling
	Paper Birch	5	Pole	8		Balsam Fir	Low	Variable	Sapling
	Balsam Poplar	3	Log	14		Northern White Cedar	Low	Variable	Sapling
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	Black Spruce	10	Log	12		Tag Alder	Medium	Variable	Tall Shrub
	Northern White Cedar	65	Log/Pole	10	111				
	Black Ash	5	Pole	8					
<b>71</b>	6220 - Alder/willow	Nonstocked	7.8			No			
<b>72</b>	6120 - Lowland Cedar	Sawtimber Poor	7.9	130	51-80	N/A	Semi-open stand of slow-growing cedar on rolling ground. The lower sites are frequently flooded and support only wetland forbs, grasses and brush spp., while the slightly - elevated spots support trees and tag alder. Site index for cedar varies but is generally low.		
<b>73</b>	6113 - Lowland Maple	Sawtimber Well	6.2	70	51-80	N/A	Unevenaged red maple with a mix of other hardwoods & conifers.		





Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
74	6120 - Lowland Cedar	Poletimber Well	41.1	95	81-110	N/A	thick cedar stand with some paper birch and balsam near stand edges

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Northern White Cedar	80	Pole/Log	9	95	Balsam Fir	Low	< 5 feet	Sapling
Paper Birch	5	Pole	5		Northern White Cedar	Low	< 5 feet	Sapling
Balsam Fir	15	Pole	5		Black Spruce	Low	5 - 10 feet	Sapling