



Compartment Review Presentation

Shingleton Forest Management Unit

Compartment 41136

Entry Year 2024

Acreage: 2,456

County Alger

Management Area: Pictured Rocks Buffer

Stand Examiner: Kyle Gould

Legal Description:

T48N R15W Sections 5,6,8,17 and 18

Identified Planning Goals:

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

Soil and topography:

There are two main soil types in this compartment; Autrain sand and Rubicon sand. Both are listed as being naturally low in fertility. The terrain is mainly flat with some areas that have the steeper depressions making frost pockets.

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

This compartment has broken ownership of private and commercial private lands. Sections 5, 6 and the northern most 40 in section 8 are within the Pictured Rocks National Lake Shore Boundary. Sections 17, 18 and the remainder of 8 are not within the PRNL boundary.

Unique Natural Features:

This Compartment contains portions of Kingston Plains. There are Sharp-tailed grouse to north and there is a Loon in Nugent Lake. There is an Eagle to the west and osprey to the east. There is potential for sharp-tailed grouse in Grass stands, potential for goshawk in mature pine and northern hardwood stands. There is potential for red shoulder hawk in mature northern hardwoods.

Archeological, Historical, and Cultural Features:

Special Management Designations or Considerations:

This part of the Kingston Plains area is designated for the production of timber. The north half of the compartment is within the dedicated Pictured Rocks Buffer.

Watershed and Fisheries Considerations:

Fisheries Concerns: This compartment contains Kingston Lake which supports a stocked muskellunge fishery, as well as good numbers of largemouth and smallmouth bass, yellow perch, panfish, and some walleye. History shows that water levels in Kingston Lake fluctuate dramatically and typically follows the patterns in Lake Superior. Any treatments proposed around the shoreline need to adhere to a riparian management zone (RMZ) of 100 feet. Selective cutting can be allowed to within 25 feet from the ordinary high-water mark of Kingston Lake. From the BMP Manual: Inside the RMZ, cutting specifications should be modified to retain a sufficient number of trees (60-80 ft² basal area per acre is often used as a benchmark) to maintain shading of streams and to leave a relatively stable and undisturbed forest floor (less than 10% bare soil exposure). Additionally, Fisheries Division wishes to place mature trees (deciduous preferred) along the Kingston Lake shoreline. Fisheries will work with Forest Resource Division in identifying areas for this work to occur.

Wildlife Habitat Considerations:

Mineral Resource and Development Concerns and/or Restrictions

Sections 5-6, 8, & 17-18, T48N-R15W, Alger County

No known potential exists for commercial oil & gas production in this part of the state, and there is no known metallic mineral potential in this area. No known active mineral extraction sites occur in the area. There may be some potential for sand within the compartment, but development potential appears limited. The northern portion of the compartment appears to be within the boundaries of Pictured Rocks National Lakeshore, and surface mining may be restricted. No current mineral leasing activity exists in the area.

Vehicle Access:

Access is very good through the entire compartment. H-58 runs through the center with many good two-tracks spurring off giving access to almost the entire compartment. Many of the two tracks are quite sandy and not capable of supporting heavy truck traffic.

Survey Needs:

Recreational Facilities and Opportunities:

Kingston Lake State Forest Campground is open to year round camping. There is a boat launch at the lake that is not exclusive to campers. One of the starting points to the Fox River Pathway begins at the campground. The Grand Marais Snowmobile Club maintains Snowmobile Trail 8 that follows H-58 through the compartment.

Fire Protection:

Additional Compartment Information:

The following reports from the Inventory are attached:

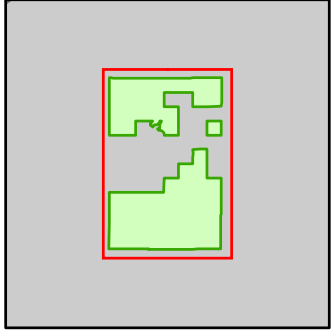
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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

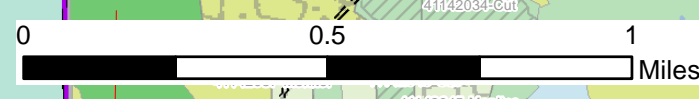
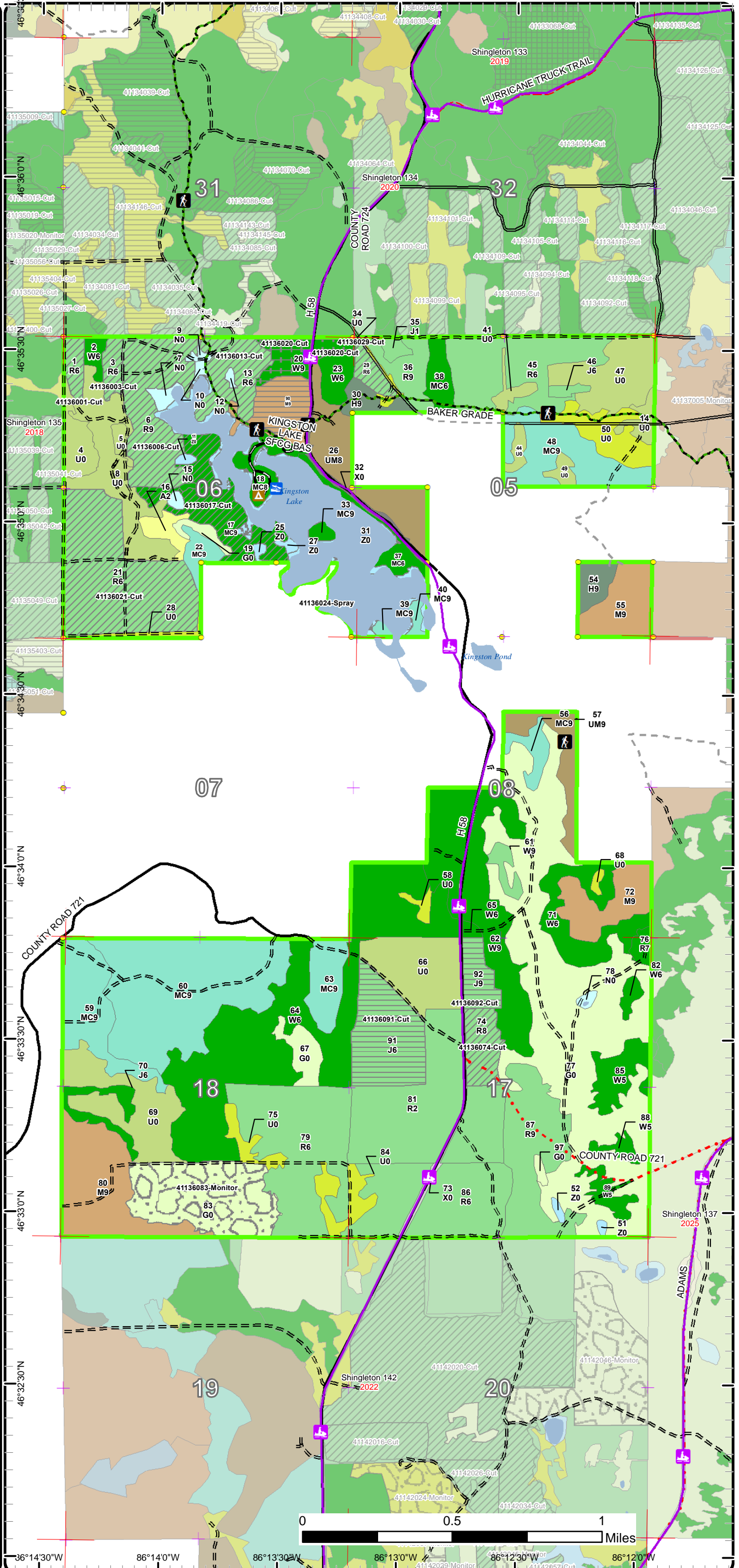
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

Cover Type & Treatments Map

Compartment: 136
 T48N, R15W, Sec. 5, 6, 8, 17, 18
 County: Alger
 Unit: Shingleton
 Mgmt Area: Pictured Rocks Buffer
 YOE: 2024
 Acres: 2456.3 GIS Calculated
 Examiner: Kyle Gould
 Map Revised: 8/17/2022
 Map Phase: Web Post



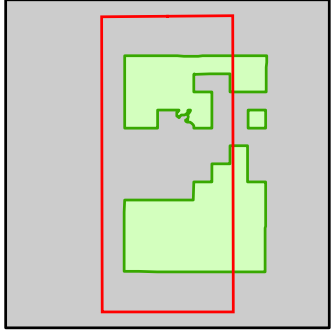
- Miris Corners
- + Remonumented Section Corners
- Survey Grade Corners
- Counties
- DNR - Primary Forest Road
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State / County - Paved Road
- County - Gravel Road
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- Perennial River
- Lakes and Rivers
- Boating Access Site
- Campground
- Compartment Boundary
- Pesticide
- Clearcut (w/Reserves)
- Harvest, Overstory Removal
- Thinning (Crown, Low, Systematic)
- Regeneration Survey
- 411 - Northern Hardwood
- 413 - Aspen
- 421 - Planted Pines
- 422 - Natural Pines
- 423 - Other Upland Conifers
- 429 - Mixed Upland Conifers
- 430 - Upland Mixed Forest
- 110 - Low Intensity Urban
- 122 - Roads/Parking Lot
- 310 - Herbaceous Openland
- 320 - Upland Shrub
- 330 - Low Density Trees
- 500 - Water
- 623 - Emergent Wetland



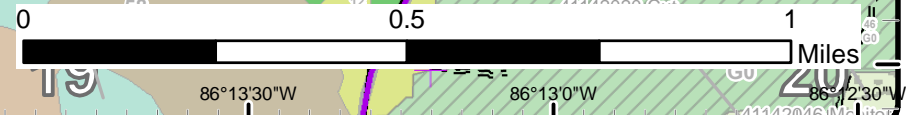
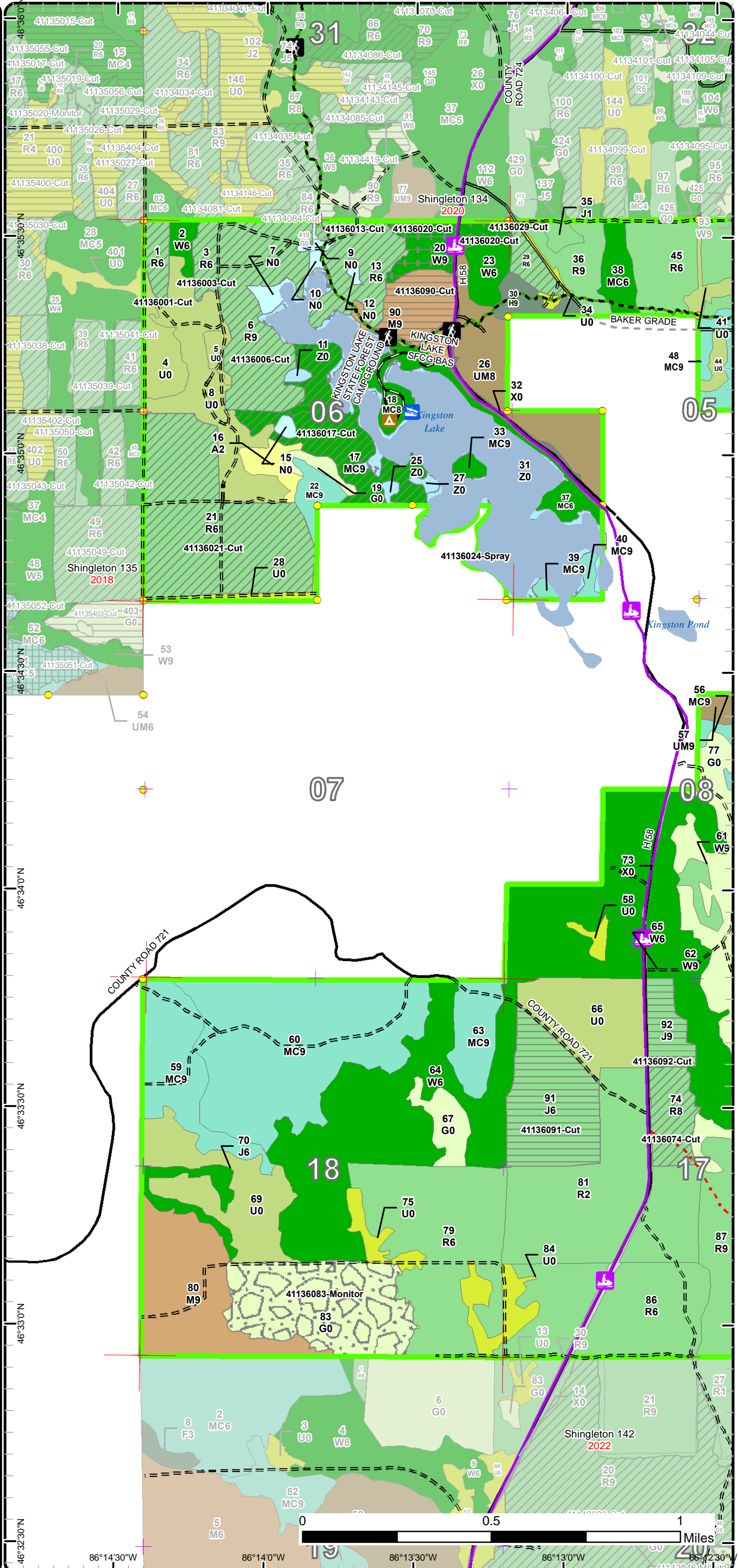
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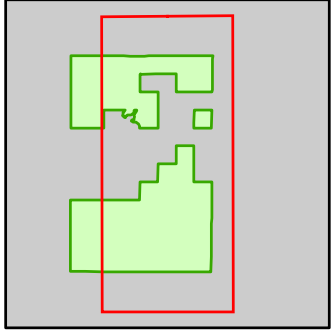


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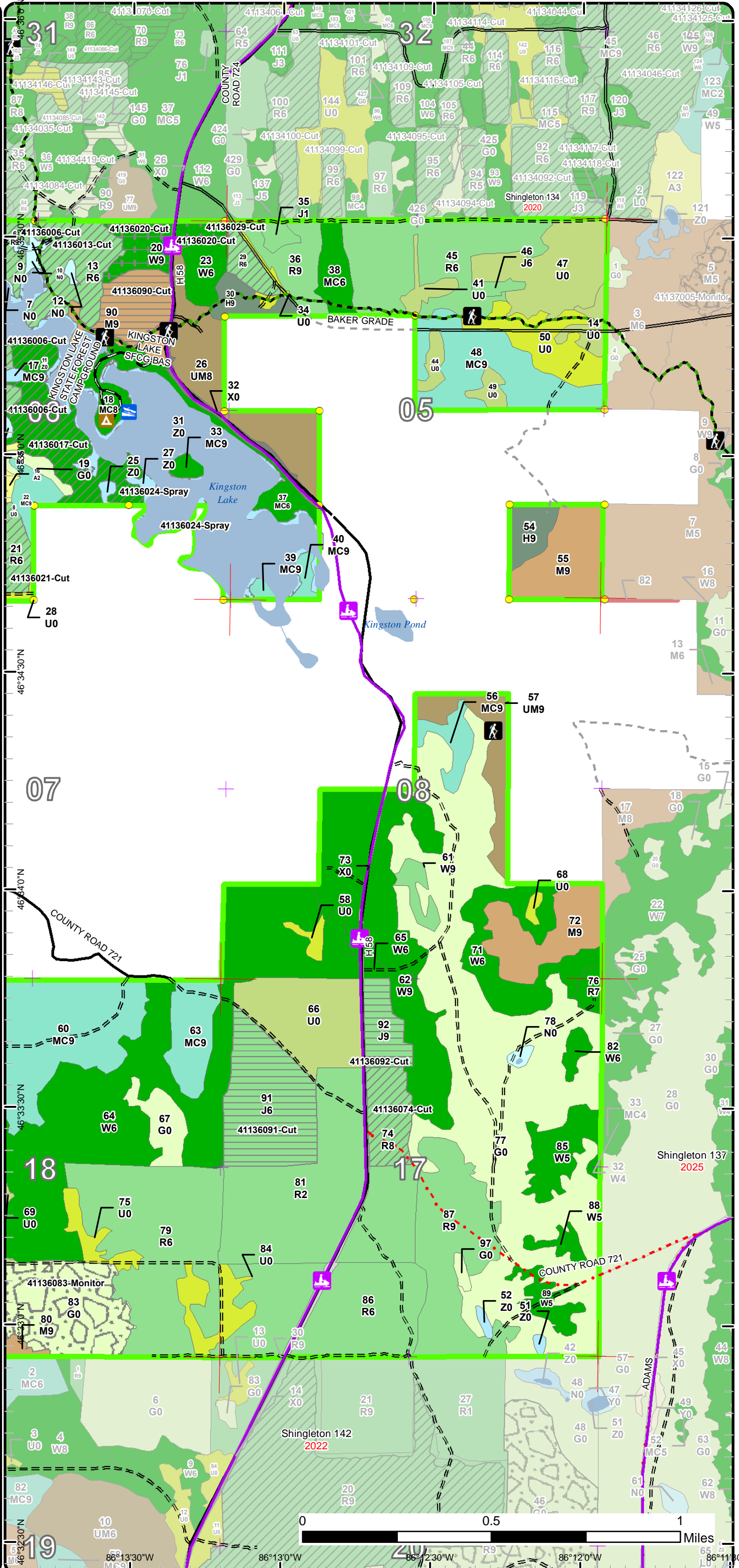


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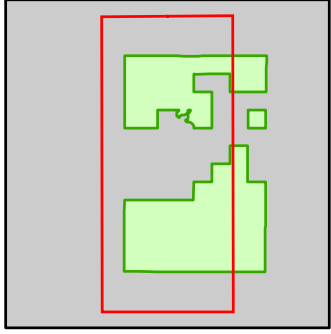
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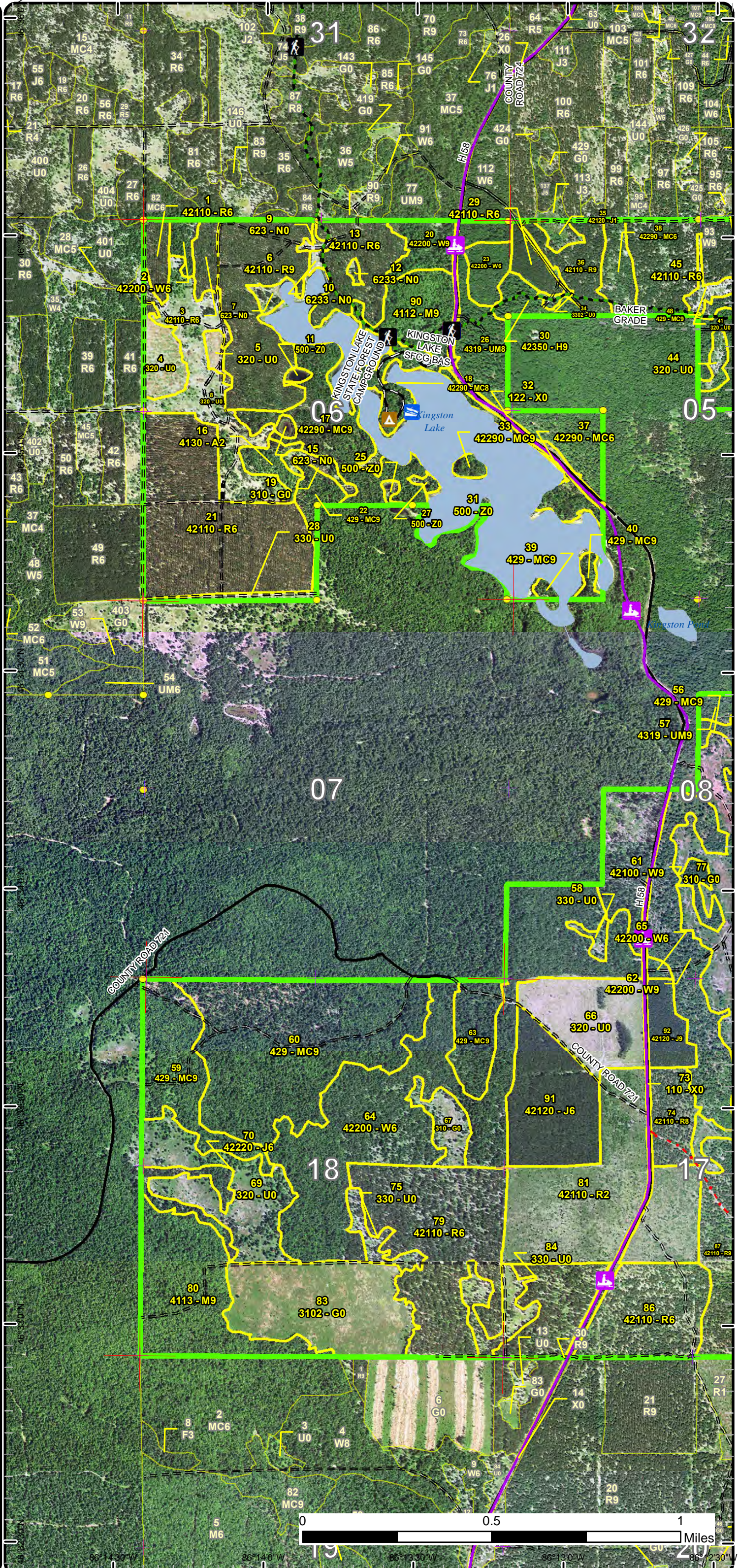
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Stand Boundary Map

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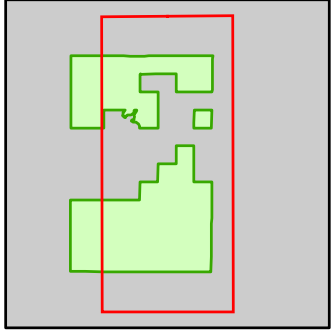


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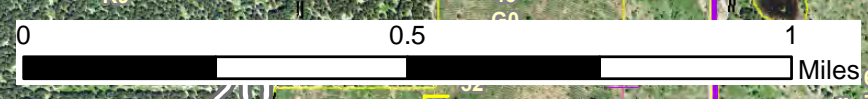
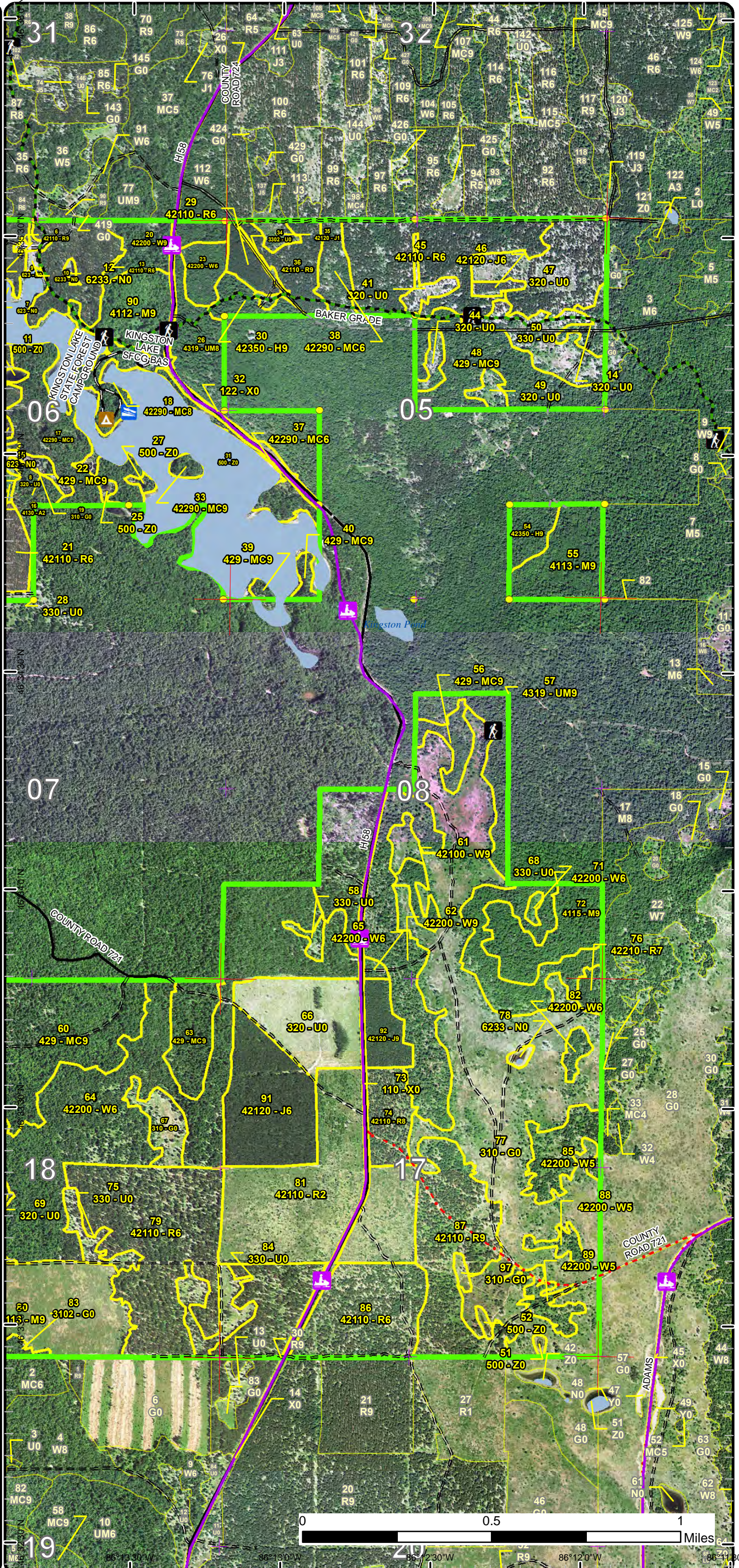


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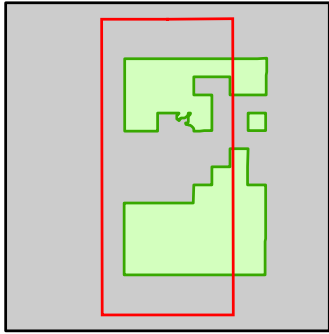
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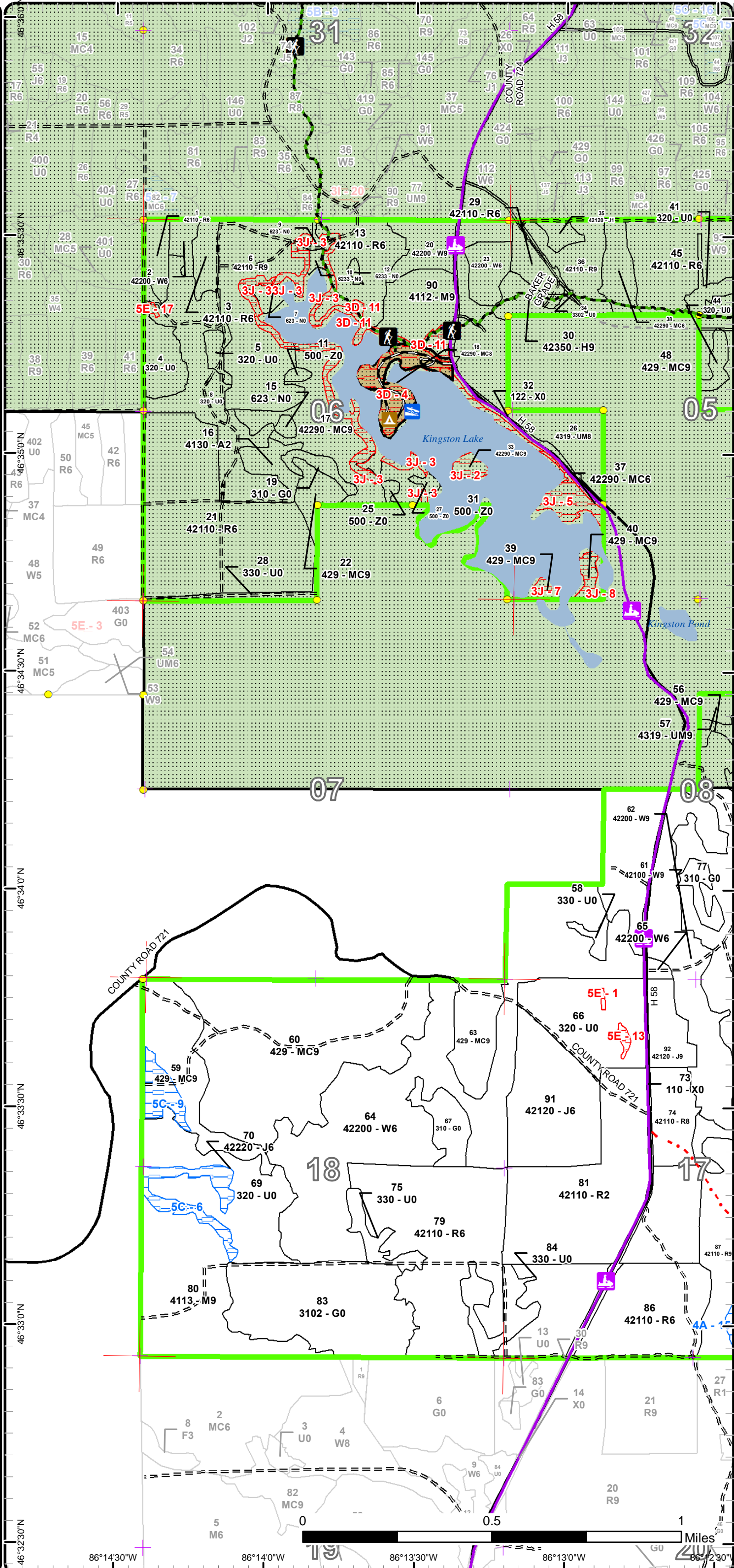
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Special Conservation Areas

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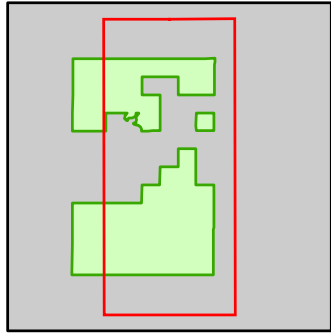


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- ▲ Boating Access Site
- ▲ Campground
- Compartment Boundary
- Available w/ Constraints
- 5C: Delay treatment for age/size class diversity or exceptional site quality
- Unavailable
- 3D: Recreational / Scenic values
- 3J: Water quality / BMPs (stream, river, or lake)
- 5E: Long-Term Retention
- Stand Boundaries
- SCA
- State Forest Campground
- Recreational/Scenic Value Area

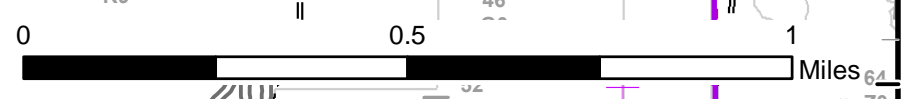
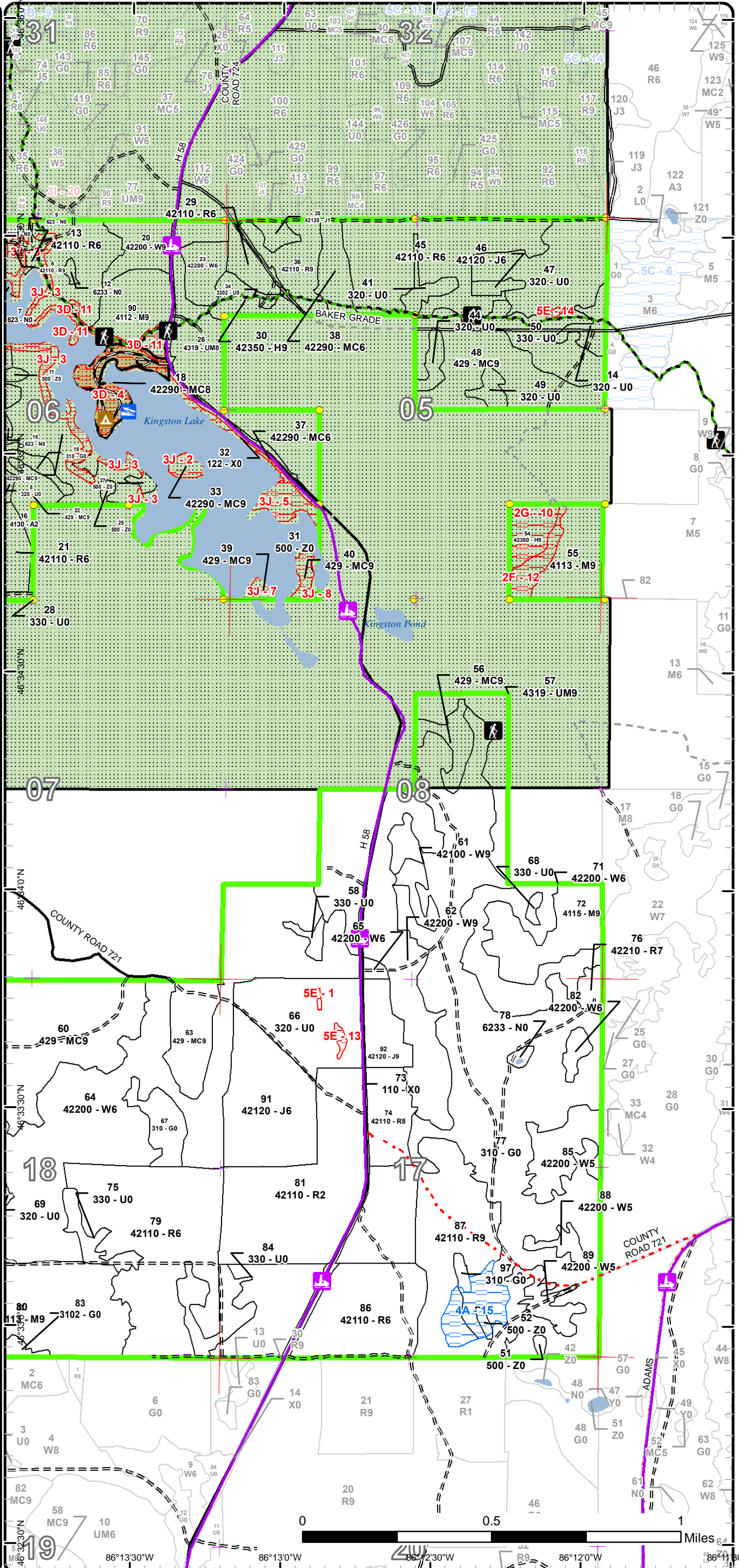


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- 🚤 Boating Access Site
- 🏕️ Campground
- Compartment Boundary
- Available w/ Constraints
- 4A: No Markets Available for these Forest Products
- Unavailable
- 2F: Too steep
- 2G: Too wet (sensitive soils, does not include access issues)
- 3D: Recreational / Scenic values
- 3J: Water quality / BMPs (stream, river, or lake)
- 5E: Long-Term Retention
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- State Forest Campground
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Report 1 – Total Acres by Cover Type and Age Class



Age Class

	Non-Forest	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100-109	110-119	120-129	130-139	140-149	150+	Uneven-Aged	Total
Aspen	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
Hemlock	0	0	0	0	0	0	0	0	0	10	11	0	0	0	0	0	0	0	21
Herbaceous Openland	332	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	332
Jack Pine	0	4	0	0	3	0	12	0	65	0	0	0	0	0	0	0	0	0	83
Low-Density Trees	61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	60
Marsh	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12
Natural Mixed Pines	0	0	0	12	0	0	0	12	0	3	58	0	0	0	0	0	0	0	85
Northern Hardwood	0	0	0	0	0	0	0	0	30	0	91	0	0	0	0	0	0	26	147
Red Pine	0	104	0	0	0	0	0	530	5	0	0	0	0	0	0	0	0	0	639
Upland Conifers	0	0	0	0	0	0	0	10	95	0	152	0	0	0	0	0	0	0	257
Upland Mixed Forest	0	0	0	0	0	0	0	0	22	0	0	0	0	0	0	0	0	42	64
Upland Shrub	213	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	213
Urban	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20
Water	146	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	146
White Pine	0	0	0	0	0	11	207	49	0	87	19	0	0	0	0	0	0	0	372
Total	784	108	0	20	3	11	219	601	217	100	331	0	0	0	0	0	0	68	2459



Report 2 – Treatment Summary

Shingleton Mgt. Unit

Year of Entry: 2024

Acres of Harvest

Compartment 136
Total Compartment Acres: 2,456

Commercial Harvest - 364
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
Jack Pine	65	0	0	0	0	0	0	0	0	65
Natural Mixed Pines	0	0	0	0	43	0	0	0	0	43
Northern Hardwood	20	0	0	0	0	0	0	0	0	20
Red Pine	0	0	0	0	218	0	0	0	0	218
White Pine	0	0	0	0	0	19	0	0	0	19
Total	84	0	0	0	261	19	0	0	0	364

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	364	0	0	0	44	67	0	0	0	475
Next Step	0	129	84	0	65	283	0	0	0	561
Total	364	129	84	0	109	351	0	0	0	1036



S t a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
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Proposed Treatments:

1	41136001-Cut	8.0	42110 - Planted Red Pine	Poletimber Well	63	111-140	Harvest	Crown Thinning	4211 - Planted Red Pine	Even-Aged	No
<p><u>Prescription</u> Thin to 110 BA <u>Specs:</u> <u>Next Step</u> <u>Treatments:</u> <u>Acceptable</u> <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/1 /2023</p>											
3	41136003-Cut	7.7	42110 - Planted Red Pine	Poletimber Well	63	141-170	Harvest	Crown Thinning	4211 - Planted Red Pine	Even-Aged	No
<p><u>Prescription</u> Thin to 110BA, leave oak and hemlock if found. <u>Specs:</u> <u>Next Step</u> <u>Treatments:</u> <u>Acceptable</u> <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/1 /2023</p>											
6	41136006-Cut	57.2	42110 - Planted Red Pine	Sawtimber Well	69	141-170	Harvest	Crown Thinning	4211 - Planted Red Pine	Even-Aged	No
<p><u>Prescription</u> Thin to 110BA. Leave any oak and hemlock found. Buffer Kingston Lake 25 feet. Contact Cory Kovacs from fish division about loggers dropping trees into Kingston Lake for fish habitat. <u>Specs:</u> <u>Next Step</u> <u>Treatments:</u> <u>Acceptable</u> <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/1 /2023</p>											
13	41136013-Cut	29.0	42110 - Planted Red Pine	Poletimber Well	69	141-170	Harvest	Crown Thinning	4211 - Planted Red Pine	Even-Aged	No
<p><u>Prescription</u> Thin to 110BA. Leave oak and hemlock if found. Buffer Kingston Lake by 25ft. Contact Cory Kovacs from fish division about loggers dropping trees into Kingston Lake for fish habitat. <u>Specs:</u> <u>Next Step</u> <u>Treatments:</u> <u>Acceptable</u> <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/1 /2023</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
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17 41136017-Cut	43.3	42290 - Natural Mixed Pine	Sawtimber Well	99	81-110	Harvest	Crown Thinning	429 - Mixed Upland Conifers	Uneven-Aged	No
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Prescription Mark to 70-90BA removing the trees growing into the 18" class. Keep a component of all species. This will release the next crop trees. No cut on
Specs: hemlock and keep a few very large white pine. Buffer Lake by 25 feet. Contact Cory Kovacs from fish division about loggers dropping trees into Kingston Lake for fish habitat.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Any species

Regen:

Other

Comment:

Site Condition:

Proposed Start Date: 10/1 /2023

20 41136020-Cut	18.8	42200 - Natural White Pine	Sawtimber Well	99	51-80	Harvest	Overstory Removal	4220 - Natural White Pine	Even-Aged	No
------------------------	------	----------------------------	----------------	----	-------	---------	-------------------	---------------------------	-----------	----

Prescription Mark to cut most overstory trees. Mark paths through the stand so loggers can get to the trees. Leave some XL Log size pine. The goal is to
Specs: open up the overstory and release the established pine understory. No cut on hemlock.

Next Step

Treatments:

Acceptable

Regen:

Other

Add regen protection spec.

Comment:

Site Condition:

Proposed Start Date: 10/1 /2023

21 41136021-Cut	97.1	42110 - Planted Red Pine	Poletimber Well	60	141-170	Harvest	Crown Thinning	4211 - Planted Red Pine	Even-Aged	No
------------------------	------	--------------------------	-----------------	----	---------	---------	----------------	-------------------------	-----------	----

Prescription Thin to 110BA. Reserve any hemlock and pine found.

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other

There is an arch site in the stand.

Comment:

Site Condition:

Proposed Start Date: 10/1 /2023

29 41136029-Cut	8.0	42110 - Planted Red Pine	Poletimber Well	69	141-170	Harvest	Crown Thinning	4211 - Planted Red Pine	Even-Aged	No
------------------------	-----	--------------------------	-----------------	----	---------	---------	----------------	-------------------------	-----------	----

Prescription Thin to 110BA. Reserve any hemlock and oak found.

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other

Comment:

Site Condition:

Proposed Start Date: 10/1 /2023



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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
----------------	-------	-----------------	--------------	-----------	----------	----------------	------------------	----------------------	---------------	-------------

74	41136074-Cut	18.6	42110 - Planted Red Pine	Sawtimber Medium	67	111-140	Harvest	Crown Thinning	4211 - Planted Red Pine	Even-Aged	No
-----------	---------------------	------	--------------------------	------------------	----	---------	---------	----------------	-------------------------	-----------	----

Prescription Thin to 90-100. This is a poor site with short red pine that will benefit from a thinning. Stocking is variable but the stand will benefit from thinning.
Specs:

Next Step
Treatments:

Acceptable
Regen:

Other
Comment:

Site Condition:

Proposed Start Date: 10/1 /2023

90	41136090-Cut	19.6	4112 - Maple, Beech, Cherry Association	Sawtimber Well	99	81-110	Harvest	Clearcut with Retention	4199 - Other Mixed Upland Deciduous	Even-Aged	No
-----------	---------------------	------	-----------------------------------------	----------------	----	--------	---------	-------------------------	-------------------------------------	-----------	----

Prescription Clearcut with retention. Keep treatment north of fox river pathway by 25 feet. Area that is south of the pathway will be the retention. This has been drawn in the treatment approximately. Retain all hemlock.
Specs:

Next Step Planting, Interplant
Treatments:

Acceptable Any species currently on site.
Regen:

Other
Comment:

Site Condition:

Proposed Start Date: 10/1 /2023

91	41136091-Cut	50.0	42120 - Planted Jack Pine	Poetimber Well	70	Unspecified	Harvest	Clearcut with Retention	4222 - Natural Jack Pine	Even-Aged	No
-----------	---------------------	------	---------------------------	----------------	----	-------------	---------	-------------------------	--------------------------	-----------	----

Prescription Clearcut all species to 2" spec. Scatter tops and scarify.
Specs:

Next Step SitePrep, Trenching; Planting, Initial Plant; Pesticide, Skidder - Release; Monitoring, Artificial Regen(1yr); Monitoring, Artificial Regen(3yr);
Treatments: SitePrep, Scarification

Acceptable Jack Pine
Regen:

Other Use 2" spec. Low stumps required to help with scarifying.
Comment:

Site Condition:

Proposed Start Date: 10/1 /2023

92	41136092-Cut	14.5	42120 - Planted Jack Pine	Sawtimber Well	70	141-170	Harvest	Clearcut with Retention	4222 - Natural Jack Pine	Even-Aged	No
-----------	---------------------	------	---------------------------	----------------	----	---------	---------	-------------------------	--------------------------	-----------	----

Prescription Clearcut all species using a 2" spec. Scatter tops and scarify.
Specs:

Next Step SitePrep, Trenching; Planting, Initial Plant; Pesticide, Skidder - Release; Monitoring, Artificial Regen(1yr); Monitoring, Artificial Regen(3yr);
Treatments: SitePrep, Scarification

Acceptable Jack Pine
Regen:

Other Use 2" spec and low stump spec to help with scarification
Comment:

Site Condition:

Proposed Start Date: 10/1 /2023



S t a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
-----------------------	-------------------	-------	--------------------	-----------------	--------------	-------------	-------------------	---------------------	-------------------------	------------------	----------------

Approved Treatments:

31	41136024- Spray	44.0	500 - Water	Nonstocked		Unspec ified	Pesticide	Hand Application	730 - Mud Flats		No
<p><u>Prescription</u> Spraying of Phragmites, approved though chapter 7 in September of 2014. Signs will be put up to warn campers of spraying. PAP will be written to protect water and recreational values.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Herbicide Use</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Not Phragmites.</p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition:</u></p> <p>Proposed Start Date: 10/1 /2018</p>											
83	41136083- Monitor	67.1	3102 - Grass	Nonstocked		Unspec ified	Monitoring	Artificial Regen(1yr)	42110 - Planted Red Pine	Even-Aged	No
<p><u>Prescription</u></p> <p><u>Specs:</u></p> <p><u>Next Step</u> ; Monitoring, Artificial Regen(3yr)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Red pine, white pine, jack pine, white spruce.</p> <p><u>Regen:</u></p> <p><u>Other</u> Percent to Treat = 100%</p> <p><u>Comment:</u></p> <p><u>Site Condition:</u></p> <p>Proposed Start Date: 10/1 /2021</p>											

Total Treatment 482.9
Acreage Proposed:

Report 4 – Site Conditions

Shingleton Mgt. Unit

Kyle Gould : Examiner

Compartment: 136

Year of Entry: 2024

Availability for Management

Total Acres	Acres Available	Acres Avail		Dominant Site Conditions	Dominant Site Conditions							
		With Condition	Not Available		4A	5C	2F	2G	3D	3J	5E	
8	8	0	0	Aspen								
20	10	0	11	Hemlock				11				
332	323	9	0	Herbaceous Openland	9							
83	71	12	0	Jack Pine		12						
60	60	0	0	Low-Density Trees								
12	12	0	0	Marsh							0	
84	46	0	38	Natural Mixed Pines					14	25		
147	134	0	13	Northern Hardwood			7		5	2		
638	623	5	10	Red Pine	5						10	
258	245	8	6	Upland Conifers		8					6	
63	63	0	0	Upland Mixed Forest								
213	210	0	2	Upland Shrub		0						2
20	20	0	0	Urban								
146	145	1	0	Water	1				0	0		
373	373	0	0	White Pine								
2,459	2,343	35	81	Total Forested Acres	15	20	7	11	18	42	2	
	95%	1%	3%	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	5E: Long-Term Retention	0	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
2	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	3	3D: Recreational / Scenic values	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Shingleton Mgt. Unit
 Kyle Gould : Examiner

Compartment: 136
 Year of Entry: 2024

3	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	22	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Kingston Lake 100' buffer.							
4	Unavailable	3D: Recreational / Scenic values	14	3J: Water quality / BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
Comments: Kingston Lake Campground.							
5	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	12	3D: Recreational / Scenic values	Unspecified	Unspecified	Unspecified
Comments: Kingston Lake buffer.							
6	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	12	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
7	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
8	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Shingleton Mgt. Unit

Compartment: 136

Kyle Gould : Examiner

Year of Entry: 2024

9	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	8	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
10	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	11	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	Unspecified	Unspecified	Unspecified
Comments:							
11	Unavailable	3D: Recreational / Scenic values	5	5E: Long-Term Retention	Unspecified	Unspecified	Unspecified
Comments:							
12	Unavailable	2F: Too steep	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
13	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
14	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
15	Available	4A: No Markets Available for these Forest Products	15	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Shingleton Mgt. Unit
Kyle Gould : Examiner

Compartment: 136
Year of Entry: 2024

17	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Retention for stand 4.							

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
----------	--------------	-------------	----------------	-------

Comments

Mgt. Unit

Compartment:

Year of Entry



Report 6 – EXISTING SPECIAL CONSERVATION AREA DETAILS

* This is a list of SCA's for this compartment along with a 1/4 mile buffer surrounding the compartment. Refer to the Special Conservation Area Map for locations of the below listed Conservation Areas.

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

Conservation Area	Type	Description
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																	
1	42110 - Planted Red Pine	Poletimber Well	8.0	63	111-140	N/A	Turtle Shell Pine TS: 41-029-15-01 TCR: 9/27/17																																	
<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>Red Pine</td> <td>98</td> <td>Pole/Log</td> <td>8</td> <td>63</td> </tr> <tr> <td>White Pine</td> <td>2</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Pine	98	Pole/Log	8	63	White Pine	2	Log/Pole	10		<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>White Pine</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Red Maple</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	White Pine	Low	10 - 20 feet	Sapling	Red Maple	Low	5 - 10 feet	Sapling										
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3	42110 - Planted Red Pine	Poletimber Well	7.7	63	141-170	N/A	.Turtle Shell Pine TS: 41-029-15-01 TCR: 9/27/17																																	
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4	320 - Upland Shrub	Nonstocked	13.2	0	Unspecified	4212 - Planted Jack Pine	Unit 12 of turtle shell pine. Retention in the north part of the stand. Trenched summer 2017 by DNR staff. replanted spring 2019. passed 1st year check. 2019 summer. Passed 3rd year regen check, 2021.																																	
5	320 - Upland Shrub	Nonstocked	3.5	0	Unspecified	4222 - Natural Jack Pine	unit 11 of turtle Shell Pine. Trenched summer 2017 by DNR staff. Planted spring 2018 to JP. regen check done fall 2018, 75% of seedling were dead replant site. replanted spring 2019. passed regen check fall 2019. passed 3rd year check in 2021, no further planting will be done in this stand.																																	
6	42110 - Planted Red Pine	Sawtimber Well	57.2	69	141-170	N/A	Turtle Shell Pine TS: 41-029-15-01 TCR: 9/27/17																																	
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Red Maple	Low	Variable	Sapling																																					
White Pine	Low	5 - 10 feet	Sapling																																					
7	623 - Emergent Wetland	Nonstocked	4.1		Unspecified	No	There is now water in this stand due to rising levels in Kingston Lake.																																	
8	320 - Upland Shrub	Nonstocked	48.5		Unspecified	No	Stump field with some scattered trees																																	



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																									
9	623 - Emergent Wetland	Nonstocked	1.8		Unspecified	No	2/14/2022 - Area has recently flooded due to the rising water level of Kingston Lake. Forest road is flooded and will need to be moved to bypass the stand.																									
10	6233 - Wet Meadow	Nonstocked	1.3		Unspecified	No	Area is now flooded with water with the levels of Kingston Lake rising																									
11	500 - Water	Nonstocked	1.3		Unspecified	No																										
12	6233 - Wet Meadow	Nonstocked	1.0		Unspecified	No	2/14/2022 - Area was low density trees and has recently flooded with rising water levels of Kingston Lake.																									
13	42110 - Planted Red Pine	Poletimber Well	29.0	69	141-170	N/A	Turtle Shell Pine TS: 41-029-15-01 TCR: 9/27/17																									
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14	320 - Upland Shrub	Nonstocked	7.1	0	Unspecified	4212 - Planted Jack Pine	unit 5 of turtle shell pine. trenched summer of 2017 by DNR staff. Planted spring 2018 to JP. Regen check failed dur to a lirage amount of dead seedlings stands needs replant. replanted spring 2019. passed regen check fall 2019. Passed regn check 3rd year in 2021.																									
15	623 - Emergent Wetland	Nonstocked	1.7		Unspecified	No	Area has flooded and killed trees within the stand																									
16	4130 - Aspen	Sapling Medium	8.1	25	Immature	N/A	Site Trenched by DNR staff summer 2017. Site fully stocked to aspen, changed MO to aspen. FTP cancelled.																									
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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17	42290 - Natural Mixed Pine	Sawtimber Well	44.1	99	81-110	N/A	Turtle Shell Pine TS: 41-029-15-01 TCR: 9/27/17 Many overstory pine are nearing the 18" size class. Eastern portion of the stand will be difficult to reach due to a new wet area in the narrow part near stand 25. This is due to the lake water level rising. This area is not accessible by wheeled vehicle currently.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Black Spruce	3	Pole/Sap/Log	8			Hemlock	Low	Variable	Sapling	
Red Pine	38	Log/XLog/Pole	14			Red Maple	Low	Variable	Sapling	
Jack Pine	1	Pole/Log/Sap	8			Beech	Low	Variable	Sapling	
Red Maple	8	Pole/Log/Sap	8			White Pine	Low	Variable	Sapling	
Hemlock	5	Pole/Sap/Log	8			Red Pine	Low	Variable	Sapling	
Paper Birch	2	Pole/Log/Sap	8							
Bigtooth Aspen	2	Pole/Log/Sap	8							
White Pine	39	Log/XLog/Pole	13	99						
Balsam Fir	2	Pole/Log/Sap	8							

18	42290 - Natural Mixed Pine	Sawtimber Medium	13.8	99	81-110	N/A	This stand is the Kingston lake campground as well as the Kingston lake access site. The campground is managed by Indian Lake State Park and there are 16 designated camp sites.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Red Maple	10	Pole/Log/Sap	8			White Pine	Low	5 - 10 feet	Sapling	
Paper Birch	3	Pole/Log/Sap	7			Red Maple	Medium	5 - 10 feet	Sapling	
White Pine	25	Log/Pole/XLog	10	99		Hemlock	Low	5 - 10 feet	Sapling	
Hemlock	4	Log/Pole/XLog	10							
Red Pine	58	Log/Pole/XLog	12	99						

19	310 - Herbaceous Openland	Nonstocked	4.5		Unspecified	No	A few scattered pine, could be cut to maintain opening when there is a timber sale nearby. There are also a couple areas that have recently flooded in the stand.
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20	42200 - Natural White Pine	Sawtimber Well	18.8	99	51-80	N/A	Stand was cut using a shelterwood a couple rotations ago. There is an overstory of large trees overtopping the mixed understory of now merchantable trees.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Hemlock	10	Log/XLog	14			Balsam Fir	Medium	5 - 10 feet	Sapling	
Red Pine	10	Log/XLog	14			Bigtooth Aspen	Medium	5 - 10 feet	Sapling	
White Pine	80	XLog/Log	18	99		White Pine	Medium	5 - 10 feet	Sapling	
						Red Pine	Medium	5 - 10 feet	Sapling	
						Hemlock	Medium	5 - 10 feet	Sapling	
						Red Maple	Medium	5 - 10 feet	Sapling	
						White Spruce	Medium	5 - 10 feet	Sapling	
						Beech	Medium	5 - 10 feet	Sapling	

21	42110 - Planted Red Pine	Poletimber Well	97.1	60	141-170	N/A	Turtle Shell Pine TS: 41-029-15-01 TCR: 9/27/17 Stand is at 120-170 BA with an average of 140-150.			
Canopy Species		% Cover	Size Class	DBH	Age					
Red Pine	98	Pole/Log/Sap	8	60						
White Pine	2	Pole/Log/Sap	6							



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																			
22	429 - Mixed Upland Conifers	Sawtimber Well	9.0	79	81-110	N/A	Turtle Shell Pine TS: 41-029-15-01 TCR: 9/27/17 Pocket of Hemlock in the center of the stand surrounded by white pine on the edges.																																																			
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23	42200 - Natural White Pine	Poletimber Well	10.5	48	81-110	N/A	A few oversize, open-grown pine in the overstory.																																																			
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25	500 - Water	Nonstocked	1.4		Unspecified	No	Stand has flooded recently and killed the trees in the stand.																																																			
26	4319 - Mixed Upland Forest	Sawtimber Medium	41.6	92	51-80	N/A	Cut with inmates in 2002, looks good for the most part, if areas of beech are found a salvage could be performed. Also cut in summer 2014, Kingston Lake Hardwood. Residual basal areas from cruise were WP 11, red maple 23, hemlock 19, yellow birch 1. TCR: 9/27/17 Regen looks good and not too much beech. 2/2022																																																			
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27	500 - Water	Nonstocked	1.5		Unspecified	No	Water levels of Kingston Lake have flooded and killed portions of the stand.																																																			
28	330 - Low-Density Trees	Nonstocked	5.9		Unspecified	No	Mostly open area with 2-track on the edge of the compartments.																																																			
29	42110 - Planted Red Pine	Poletimber Well	8.0	69	141-170	N/A	Turtle Shell Pine TS: 41-029-15-01 TCR: 9/27/17 Stand is at about 150BA																																																			
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30	42350 - Upland Hemlock	Sawtimber Well	9.6	84	111-140	N/A	Stand has lots of Hemlock and White Pine. There is a large distribution of sizes for both species.																																																			
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31	500 - Water	Nonstocked	139.4		Unspecified	No	Kingston Lake																																																			
32	122 - Road/Parking Lot	Nonstocked	9.0		Unspecified	No	H-58 roadway and right of way.																																																			
33	42290 - Natural Mixed Pine	Sawtimber Well	3.0	85	201+	N/A	An island in kingston lake.																																																			
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34	3302 - Low Density Conifer Trees	Nonstocked	2.8		Unspecified	No																																																				
35	42120 - Planted Jack Pine	Sapling Poor	4.0	9	1-50	N/A	Site trenched summer 2017 by DNR staff. Planted spring 2018 to JP. Natural JP is growing in, however the planted JP did not do well at the 1st year regen check. There are enough JP to call this a forest stand and JP will seed into the exposed trenches in the future.																																																			
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36	42110 - Planted Red Pine	Sawtimber Well	17.7	69	81-110	N/A	Turtle Shell Pine TS: 41-029-15-01 TCR: 9/27/17																																																			
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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37 42290 - Natural Mixed Pine Poletimber Well 11.5 25 81-110 N/A Stand borders Kingston Lake, it should be Factor limited for water quality.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	15	Pole/Log/Sap	6		Balsam Fir	Low	Variable	Sapling
Red Pine	25	Pole/Log/Sap	9		White Pine	Low	Variable	Sapling
White Pine	20	Pole/Log/Sap	9		Red Maple	Low	Variable	Sapling
Black Spruce	3	Pole/Log/Sap	6					
Jack Pine	35	Pole/Sap/Log	4	25				
Hemlock	2	Log	10					

38 42290 - Natural Mixed Pine Poletimber Well 12.0 66 51-80 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black Spruce	5	Pole/Sapling	6		White Pine	Low	5 - 10 feet	Sapling
White Pine	40	Pole/Sap/Log	7	66				
Red Pine	10	Log/Pole	10					
Jack Pine	40	Pole/Sap/Log	7					
Balsam Fir	5	Pole/Sap/Log	5					

39 429 - Mixed Upland Conifers Sawtimber Well 2.1 95 81-110 N/A Island in Kingston Lake, it should be Factor limited for water quality and access. The island has shrunk a bit with high water levels, edge trees have been killed.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Hemlock	25	Log/Pole/XLog	12		Hemlock	Low	5 - 10 feet	Sapling
Red Maple	25	Pole	8		Balsam Fir	Low	5 - 10 feet	Sapling
Paper Birch	6	Pole	8					
Northern White Cedar	9	Pole	8					
White Pine	35	Log/XLog/Pole	14	95				

40 429 - Mixed Upland Conifers Sawtimber Well 3.5 95 81-110 N/A Stand borders Kingston Lake, it should be Factor limited for water quality and access.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Beech	5	Log/XLog/Pole	12		Balsam Fir	Medium	Variable	Sapling
White Pine	25	Log/XLog	12		Hemlock	Low	Variable	Sapling
Northern White Cedar	10	Pole	8		White Pine	Low	Variable	Sapling
Paper Birch	5	Log/Pole	10					
Hemlock	35	Log/XLog	12	95				
Red Maple	20	Log/Pole	10					

41 320 - Upland Shrub Nonstocked 5.5 Unspecified No Stand is filling in slowly with pine and spruce.

44 320 - Upland Shrub Nonstocked 4.4 Unspecified No Opening is slowly filling in with white pine. This area could be treated to maintain the opening.



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																																								
45	42110 - Planted Red Pine	Poletimber Well	60.4	69	81-110	N/A	Turtle Shell Pine TS: 41-029-15-01 TCR: 9/27/17																																																																								
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46	42120 - Planted Jack Pine	Poletimber Well	2.9	39	81-110	N/A																																																																									
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47	320 - Upland Shrub	Nonstocked	38.1	0	Unspecified	4212 - Planted Jack Pine	unit 5 of turtle shell pine. trenched summer of 2017 by DNR staff. Planted spring 2018 to JP. Regen check failed dur to a lrange amount of dead seedlings stands needs replant. replanted spring 2019. passed regen check fall 2019. Passed regn check 3rd year in 2021.																																																																								
48	429 - Mixed Upland Conifers	Sawtimber Well	44.3	77	81-110	N/A																																																																									
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49	320 - Upland Shrub	Nonstocked	4.3		Unspecified	No	Opening is filling in with trees. This could be treated to maintain the opening.																																																																								
50	330 - Low-Density Trees	Nonstocked	24.3		Unspecified	No	Opening is filling in. There is nearly enough canopy cover to be a forested stand.																																																																								
51	500 - Water	Nonstocked	0.9		Unspecified	No	2/14/22 - Wet area in stump field, has grown in size over the last 20 years																																																																								
52	500 - Water	Nonstocked	1.3	0	Unspecified	No																																																																									



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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54	42350 - Upland Hemlock	Sawtimber Well	10.6	91	81-110	N/A	This is a hemlock stand. The BBD killing front has passed and killed much of the beech. Beech would have been around 15 percent of the stand before BBD killed about half of the beech.
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	5	Pole	8		Black Spruce	Medium	5 - 10 feet	Sapling
Beech	5	Pole/Sap/Log	7		Hemlock	Medium	5 - 10 feet	Sapling
Paper Birch	5	Pole	8		Red Maple	Medium	5 - 10 feet	Sapling
Balsam Fir	5	Pole	8		Beech	Medium	5 - 10 feet	Sapling
Black Spruce	5	Pole	8		Balsam Fir	Medium	5 - 10 feet	Sapling
White Pine	10	Log/Pole/XLog	12		White Pine	Medium	5 - 10 feet	Sapling
Hemlock	65	Log/Pole/XLog	10	91				

55	4113 - R.Maple, Conifer	Sawtimber Well	28.8	91	51-80	N/A	Stand 55 Hardwoods. 41-038-14-01 TCR: 1/7/19 Moderate quality maple stand. Red maple and beech regen. Steep area is heavy to Hemlock.
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Pine	2	Log	10		Sugar Maple	Medium	5 - 10 feet	Sapling
Sugar Maple	10	Pole/Log	8		Balsam Fir	Low	5 - 10 feet	Sapling
Hemlock	15	Log/Pole/XLog	12		Red Maple	Medium	5 - 10 feet	Sapling
Red Maple	65	Log/Pole	10	91	Hemlock	Medium	5 - 10 feet	Sapling
Yellow Birch	1	Pole/Log	8		Beech	Medium	5 - 10 feet	Sapling
Paper Birch	3	Pole/Log	8					
Beech	1	Log/Pole	10					
Balsam Fir	2	Pole/Log	8					
White Spruce	1	Pole/Log	8					

56	429 - Mixed Upland Conifers	Sawtimber Well	9.6	68	81-110	N/A	Poorly stocked hardwood slowly filling in an opening when BA justifies thin this stand.
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Pine	48	Log/Pole	10	68	Red Maple	Low	5 - 10 feet	Sapling
Red Maple	30	Pole/Log	8		White Pine	Low	5 - 10 feet	Sapling
White Spruce	15	Pole/Log	8		Balsam Fir	Low	5 - 10 feet	Sapling
Beech	2	Pole/Log	8					
Balsam Fir	5	Pole/Sapling	6					

57	4319 - Mixed Upland Forest	Sawtimber Well	21.7	78	81-110	N/A	Stand is mostly red maple with sugar maple mixed in. The border between the stand and the opening is mostly white pine
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	43	Pole/Log/Sap	8	78	Yellow Birch	Low	5 - 10 feet	Sapling
Yellow Birch	3	Pole/Log/Sap	8		Beech	Low	5 - 10 feet	Sapling
Beech	2	Pole/Log/Sap	8		Balsam Fir	Low	5 - 10 feet	Sapling
Paper Birch	2	Pole/Log/Sap	8		Hemlock	Low	5 - 10 feet	Sapling
White Pine	30	Log/Pole/XLog	10		Sugar Maple	Low	5 - 10 feet	Sapling
Hemlock	15	Pole/Log	9		Red Maple	Low	5 - 10 feet	Sapling
Sugar Maple	5	Pole/Log/Sap	8					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments		
58	330 - Low-Density Trees	Nonstocked	3.1		Unspecified	No	Opening is filling in slowly with pine.		
59	429 - Mixed Upland Conifers	Sawtimber Well	42.0	72	1-50	N/A	Kingston Lake HW unit 1 and 2 TS: 41-005-13-01 TCR: 9/27/17 North end of stand has decent hemlock regen and less and the south end.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Beech		2	Pole/Sapling	6		Red Maple	Medium	5 - 10 feet	Sapling
Balsam Fir		8	Pole/Sap/Log	6		Beech	Medium	5 - 10 feet	Sapling
White Pine		50	Log/Pole	12	72	Balsam Fir	Medium	5 - 10 feet	Sapling
Hemlock		30	Pole/Log	9		White Pine	Low	5 - 10 feet	Sapling
Red Maple		10	Log/Pole	11		Hemlock	Medium	5 - 10 feet	Sapling
60	429 - Mixed Upland Conifers	Sawtimber Well	125.1	91	51-80	N/A	Kingston HW unit 1 and 2 TS: 41-005-13-01 TCR: 9/27/17 Under FTP W41-1618, ~785 Red Oak were planted in stand 60, 2017. DB. Planted oak in the stand are almost all alive and doing well. 2/2022		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Paper Birch		2	Pole/Sap/Log	8		Red Maple	Medium	Variable	Sapling
Balsam Fir		2	Pole	8		Beech	Medium	Variable	Sapling
White Pine		40	Log/Pole	12		Hemlock	Medium	5 - 10 feet	Sapling
Hemlock		49	Pole/Sap/Log	8	91				
Red Maple		5	Pole/Sap/Log	8	91				
Yellow Birch		2	Pole/Sap/Log	8					
61	42100 - Planted White Pine	Sawtimber Well	6.2	67	81-110	N/A			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Pine		93	Log/Pole	10	67	White Pine	Low	Variable	Sapling
Quaking Aspen		2	Pole	6		Red Maple	Low	Variable	Sapling
Red Maple		5	Pole/Log	8					
62	42200 - Natural White Pine	Sawtimber Well	87.2	86	81-110	N/A	Kingston Lake HW TS: 41-043-13-01 TCR: 9/27/17 The northwest part of the stand is a little heavier to maple.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple		4	Log/Pole	10		Red Maple	Low	5 - 10 feet	Sapling
Yellow Birch		1	Pole/Sap/Log	8		White Pine	Low	5 - 10 feet	Sapling
White Pine		65	Log/Pole/XLog	12	86	Hemlock	Low	5 - 10 feet	Sapling
Hemlock		30	Log/Pole/XLog	11		Beech	Low	5 - 10 feet	Sapling
63	429 - Mixed Upland Conifers	Sawtimber Well	20.8	96	51-80	N/A	Stand has nice white pine and hemlock. Notes say it was cut about 20 years ago.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Pine		50	Log	14	96	White Pine	Medium	5 - 10 feet	Sapling
Hemlock		35	Log/Pole/XLog	14		White Spruce	Medium	5 - 10 feet	Sapling
Red Pine		1	Log/Pole	12		Hemlock	Medium	5 - 10 feet	Sapling
Red Maple		5	Pole/Sap/Log	8		Beech	Low	5 - 10 feet	Sapling
White Spruce		5	Pole/Sap/Log	8		Red Maple	Medium	5 - 10 feet	Sapling
Balsam Fir		4	Pole/Sap/Log	8					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																							
64	42200 - Natural White Pine	Poletimber Well	170.8	58	51-80	N/A	This stand is dominated by pole sized white pine. The density is variable with high density west of stand 75 and lower density near stand 67. There is a small area heavy to red pine in the south end along stand 75.																																							
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65	42200 - Natural White Pine	Poletimber Well	1.9	58	Unspecified	N/A	This opening is filled in and forested. Mostly white pine with some jack pine and aspen as well.																																							
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66	320 - Upland Shrub	Nonstocked	41.5	0	Unspecified	4222 - Natural Jack Pine	Stand was clear-cut 2015 and scarified in 2015 as well. 41-039-14-01. FTP 1615 passed natural regen check 2019. There is also some white pine regen mixed in, it is slightly larger than the jack pine.																																							
67	310 - Herbaceous Openland	Nonstocked	12.1		Unspecified	No	A few scattered pine and spruce, some are large and mature.																																							
68	330 - Low-Density Trees	Nonstocked	1.5		Unspecified	No	2/14/22 - Filling in with trees, will need cut to maintain opening if desired.																																							
69	320 - Upland Shrub	Nonstocked	46.9		Unspecified	No	Opening is filling in with trees in some areas and very open in other areas.																																							
70	42220 - Natural Jack Pine	Poletimber Well	11.8	58	Unspecified	N/A	Wait 10 years and treat with other nearby stands. Diameters in this stand are a bit small and could benefit from a bit more growth.																																							
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71	42200 - Natural White Pine	Poletimber Well	34.6	56	81-110	N/A																																								
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72	4115 - Y.Birch, Hemlock NH	Sawtimber Well	30.4	74	81-110	N/A																																																									
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73	110 - Low Intensity Urban	Nonstocked	11.1		Unspecified	No	H-58 Roadway																																																								
74	42110 - Planted Red Pine	Sawtimber Medium	18.6	67	111-140	N/A	Variable stocking. Red pine in the stand are short due to poor soils.																																																								
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76	42210 - Natural Red Pine	Sawtimber Poor	4.7	76	51-80	N/A	ATP 41-017-15-01 Unit 6 FTP:1652																																																								
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77	310 - Herbaceous Openland	Nonstocked	246.5		Unspecified	No	Open, mostly dry area with a few small scattered white pine																																																								
78	6233 - Wet Meadow	Nonstocked	1.7		Unspecified	No																																																									
79	42110 - Planted Red Pine	Poletimber Well	90.6	67	81-110	N/A	This stand has some natural appearance due to topography present, and some large trees that where here prior to 1955. TS 41-039-14-01 Units 3 & 4. TCR 1/12/16																																																								
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80	4113 - R.Maple, Conifer	Sawtimber Well	62.2	91	81-110	N/A	Cut in 1997-1998. This is a moderate to poor maple stand dominated by red maple. The basal area is still too low for a harvest . There is lots of regen but more beech than we like to see. The best maple is in the north part of the stand and the south is heavier to conifers.																																																													
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81	42110 - Planted Red Pine	Sapling Medium	103.5	9	1-50	N/A	This stand was under planted at some point in the past in 2007 the stand was chosen for the red pine project, it was clearcut in 2011 the stand is being trenced in 2012 and will be planted in 2013 there is much red pine as a result of the under planting																																																													
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82	42200 - Natural White Pine	Poletimber Well	4.1	60	81-110	N/A																																																														
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83	3102 - Grass	Nonstocked	67.2		Unspecified	42110 - Planted Red Pine	Planted spring 2018 to RP. 1st year regen check done fall 2018, site failed and needs competition sprayed and replant. Site sprayed summer 2020 Planted summer 2022, 5/13/2022 at 608 tr/ac																																																													
84	330 - Low-Density Trees	Nonstocked	14.8		Unspecified	No	2/14/22 - This stand is filling in with trees, almost enough to be considered forested. The opening could be cleared in next sale to maintain the opening.																																																													
85	42200 - Natural White Pine	Poletimber Medium	19.3	68	51-80	N/A	ATP 41-017-15-01 Unit 7 FTP:1652 Scarified by Holi summer 2018																																																													
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86	42110 - Planted Red Pine	Poletimber Well	74.7	67	81-110	N/A	This is a failed red pine plantation in an area with a high priority on visual management due to its proximity to PRNLand the amount of traffic County road H-58 receives. A pattern of irregular clearcuts with scattered red pine seed trees could be tried these areas should be converted to Jack Pine as the site will likely support that species much better.																																																													
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87	42110 - Planted Red Pine	Sawtimber Well	60.6	68	81-110	N/A	41-039-14-01 Stand cut in half due to fire, only unburned half was thinned.																																													
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90	4112 - Maple, Beech, Cherry Association	Sawtimber Well	25.7	99	81-110	N/A	Moderate to poor quality red maple. Basal area is around 100BA. Hold 10 years. There is a hiking trail through the stand. There are also some blue numbers marked on many trees in the stand. Old notes say it was cut in 2002 with inmates.																																													
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91	42120 - Planted Jack Pine	Poletimber Well	50.0	70	Unspecified	N/A	This is a good quality stand of planted jack pine.																																													
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92	42120 - Planted Jack Pine	Sawtimber Well	14.5	70	141-170	N/A	This stand is fully stocked with nice, mature jack pine.																																													
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97	310 - Herbaceous Openland	Nonstocked	1.9		Unspecified	No																																														