



Compartment Review Presentation

Shingleton Forest Management Unit

Compartment 41077

Entry Year 2025

Acreage: 1,547

County Schoolcraft

Management Area: Escanaba Lake and Till Plain

Stand Examiner: Sheila Clark

Legal Description:

T42N R15W Sections 9,10,13-21

Identified Planning Goals:

Multiple resource management.

Soil and topography:

Topography is mostly flat in the swamp types, to slightly rolling in the hardwoods. Majority of the compartment is Rifle type soil.

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

The State ownership is very broken with private. Much of the private is Lyme and is being managed for timber.

Unique Natural Features:

There is the potential for wood turtles.

Archeological, Historical, and Cultural Features:

No Archeological, Historical, or Cultural Features known.

Special Management Designations or Considerations:

No special management designations.

Watershed and Fisheries Considerations:

This compartment contains the Main Branch Manistique River and several unnamed streams that serve as tributaries to the Main Branch Manistique River. The Manistique River and unnamed streams are non-designated streams less than 50-foot wide and have predicted mean July temperatures that range from 60 to 70°F (cold and cool streams). 100-foot, plus 5 feet per 1% increase in slope, buffers are recommended for these waterbodies to protect these areas in accordance with Best Management Practices.

There are elemental occurrences of the State Threatened Wood Turtle within this compartment. Forestry activities that occur from April 1 through October 31 (active period) will accommodate a 300-foot no-cut buffer along the riparian management zone to protect Wood Turtle during the nesting, post-nesting, and pre-hibernation periods. Forestry activities that occur from November 1 through May 31 (non-active period) will accommodate a 100-foot no-cut buffer along the riparian management zone per best management practices.

Wildlife Habitat Considerations:

Bounded on the north and west by the Manistique River, this compartment lies within the Seney sand lake plain ecological sub-subsection. In 1850, the upland forest in this compartment was a mix of beech, sugar maple, hemlock and white birch. Balsam fir, white pine, and ironwood were present in lesser amounts. Lowland areas were characterized by large white cedar, tamarack, elm, and black spruce. Although forest age structure has likely changed, the current forest contains a similar mix of tree species as was found during the original survey. Wildlife habitat objectives include maintaining an old growth travel corridor along the Manistique River, and providing early successional deciduous and coniferous forests away from the river. Wildlife species of special interest potentially utilizing this compartment include white-tailed deer, river otter, and black bear. This compartment falls into the obligate winter deer range.

Mineral Resource and Development Concerns and/or Restrictions

Surface sediments consist of lacustrine (lake) sand and gravel thin to discontinuous over bedrock to the east and minor coarse-textured glacial till. The glacial drift thickness varies between 0 and 50 feet. The Silurian Burnt Bluff group and Cabothead Shale subcrop below the glacial drift. The Burnt Bluff is quarried for stone. The nearest gravel pits are located to the south and there appears to be some potential on the uplands. There is no commercial oil and gas production in the UP.

No known potential exists for commercial oil & gas production in this part of the state. An oil & gas test well was drilled one

mile west more than 70 years ago and was a dry hole. There is no known metallic mineral potential in this area. The nearest known active sand/gravel pit is just over one mile west. In addition, several active bedrock quarries producing crushed stone exist in the area. Wetlands and proximity to the Manistique River would inhibit significant surface mining within the compartment. No current mineral leasing activity exists in the area, and there are no notable prospects for mineral development in the compartment at this time.

Vehicle Access:

Merwin Creek road provides access to stands in Section 13. In that area there is an RDR for a bridge that is used to access the eastern edge of the compartment. A lone 40 is accessed through private dirt road, no easement. The western portion of the compartment is accessed off Kendall Road. The State has easement through first 40 acres, but not through Plum Creek land.

Survey Needs:

Will need survey work in Sections 16 & 17.

Recreational Facilities and Opportunities:

The Merwin Creek rustic campground is located within the eastern portion of this compartment. This campground is managed by Schoolcraft County under lease to the state. There is also a boat launch at the campground.

Fire Protection:

With current road systems and cover types there should be no problem.

Additional Compartment Information:

The following reports from the Inventory are attached:

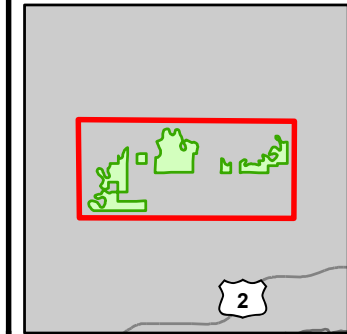
- Total Acres by Cover Type and Age Class
- Cover Type by Harvest Method
- Proposed Treatments – No Limiting Factors
- Proposed Treatments – With Limiting Factors
- Stand Details (Forested and Nonforested)
- Dedicated and Proposed Special Conservation Areas
- Site Condition Details

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

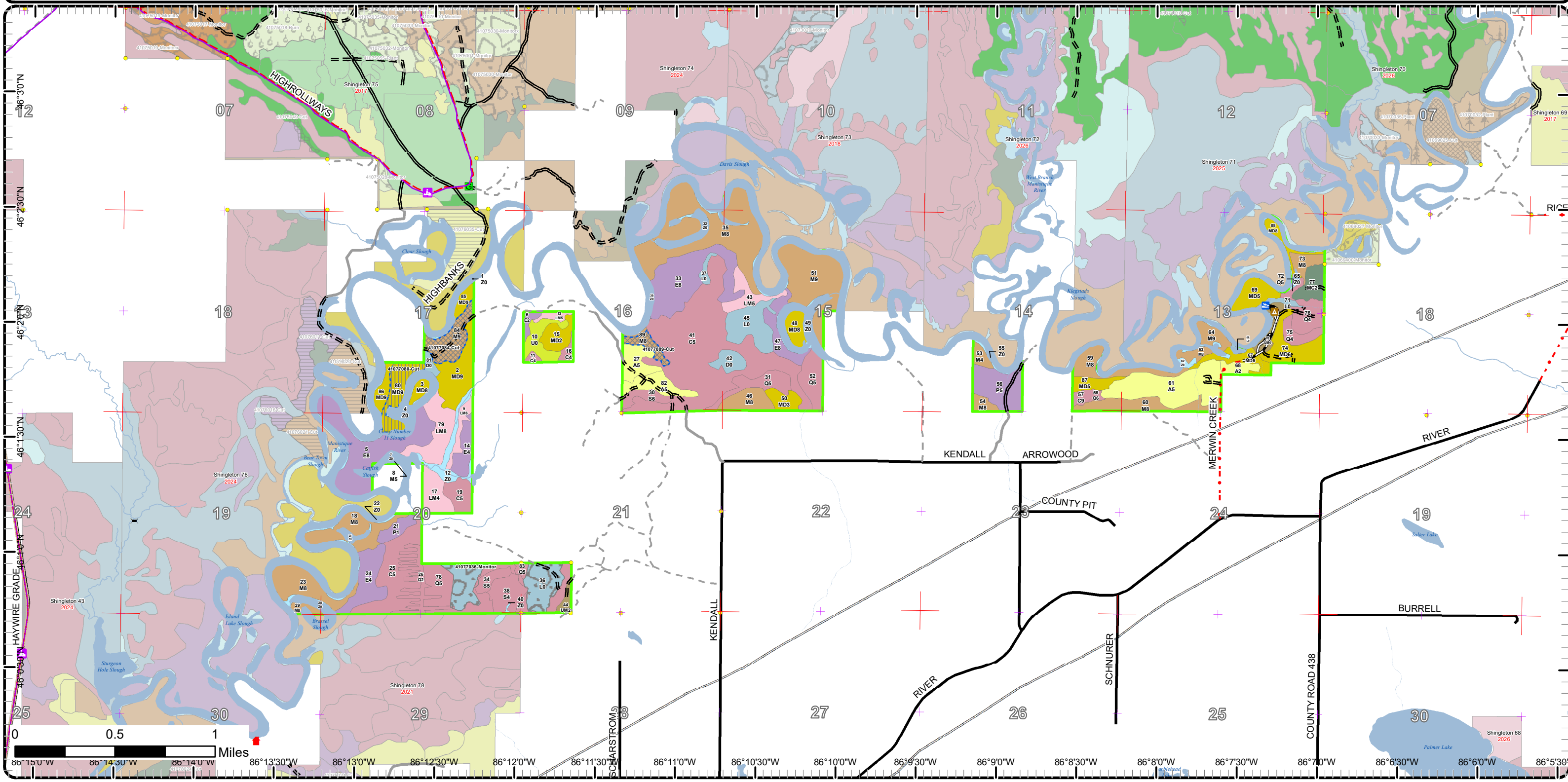
- Base feature information, stand boundaries, cover types, and numbers
- Proposed treatments
- Site condition boundaries
- Details on the road access system

Cover Type & Treatments Map

Compartment: 77
 T42N, R15W, Sec. 13-21
 County: Schoolcraft
 Unit: Shingleton
 Mgmt Area: Escanaba Lake and Till Plain
 YOE: 2025
 Acres: 1546.7 GIS Calculated
 Examiner: Sheila Clark
 Map Revised: 8/14/2023
 Map Phase: Review

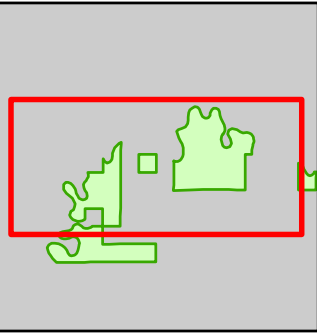


- Miris Corners
- Remonumented Section Corners
- Survey Grade Corners
- Counties
- DNR - Primary Forest Road
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State / County - Paved Road
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Private - Paved Road
- Private - Dirt / Gravel Road
- Snowmobile Trails
- Designated Snowmobile Trails
- Gate
- Boating Access Site
- Culvert
- Campground
- Intermittent Stream
- Island in Lake or River
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Pipeline
- Compartment Boundary
- Treatments with Site Conditions
- Selection (Group, Single Tree)
- Regeneration Survey
- Shelter Wood (w/Reserves)
- 411 - Northern Hardwood
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 423 - Other Upland Conifers
- 430 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 330 - Low Density Trees
- 500 - Water
- 622 - Lowland Shrub

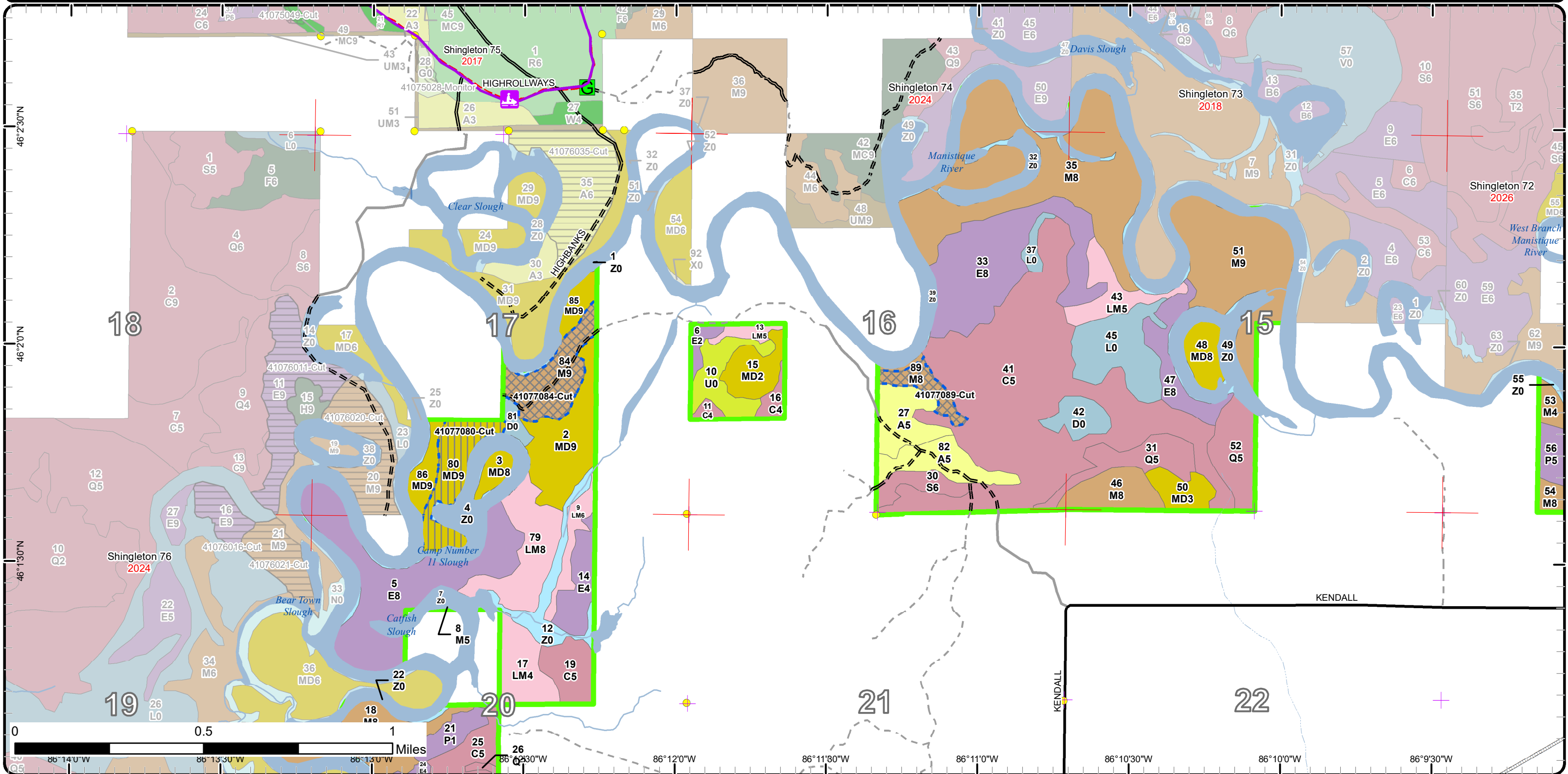


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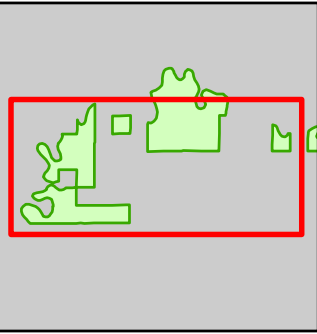


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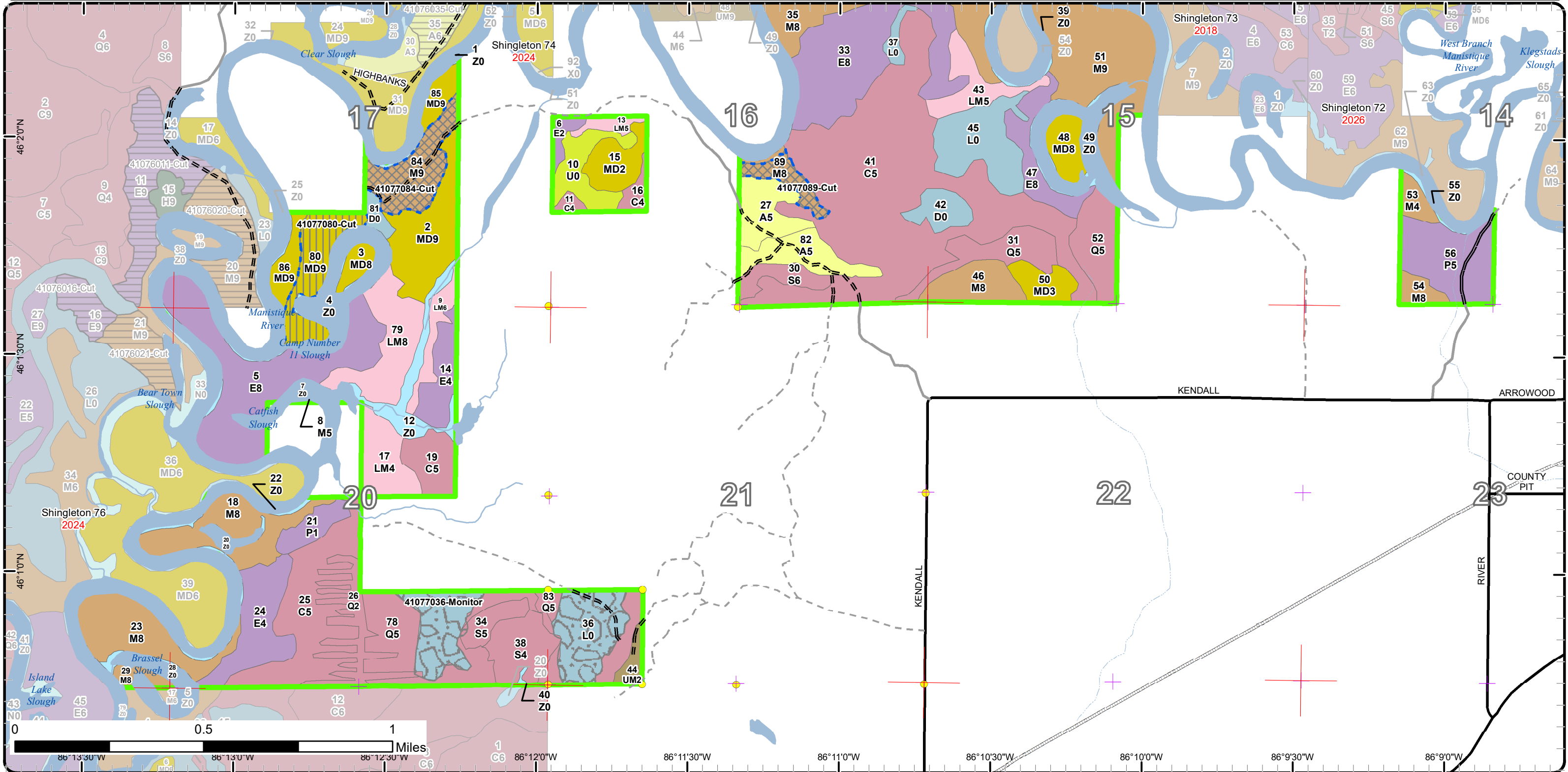


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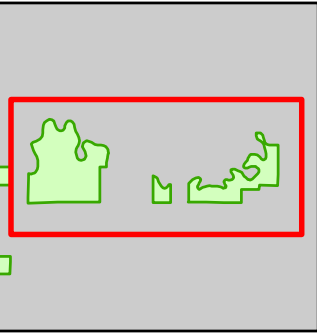


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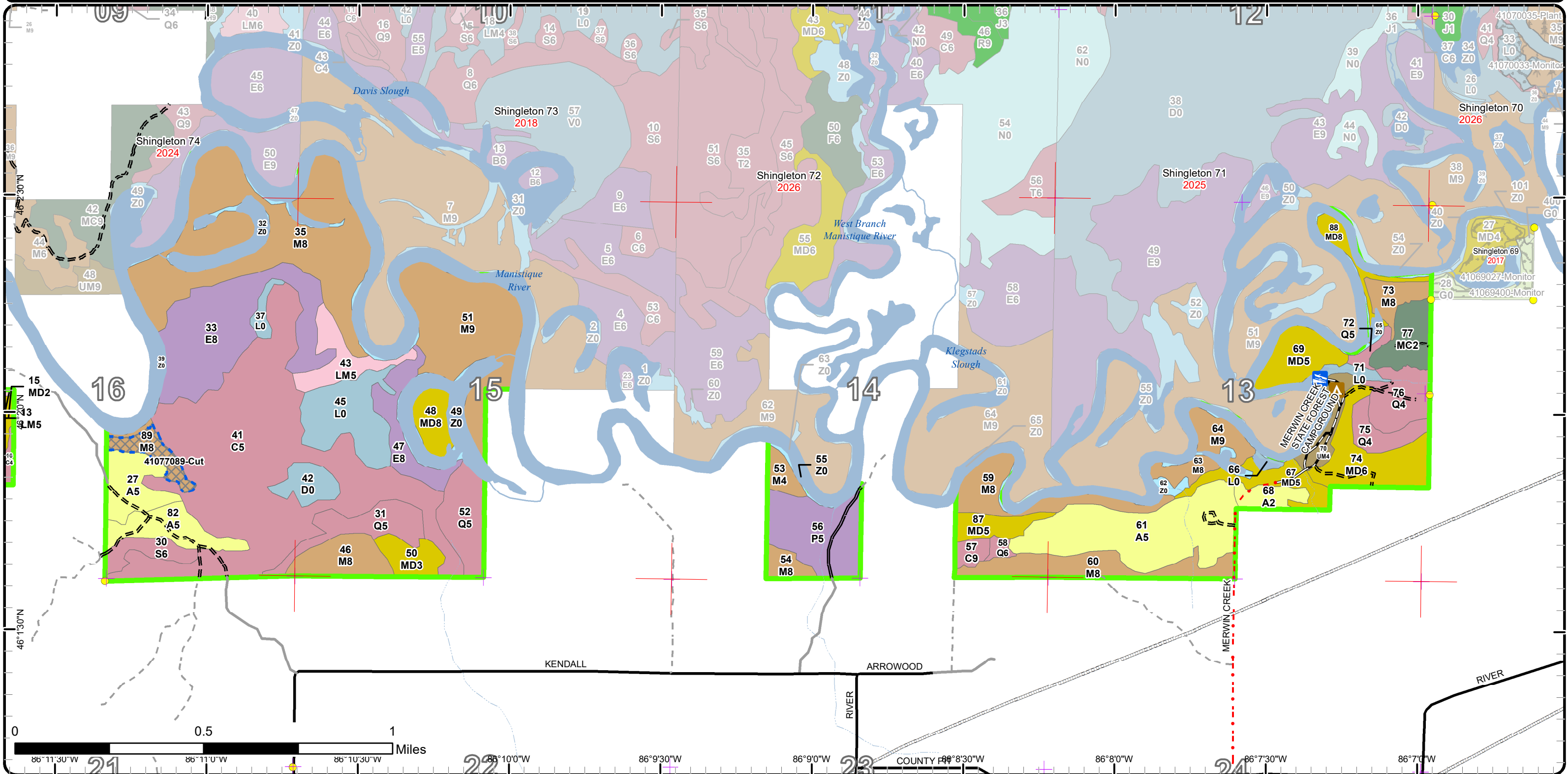


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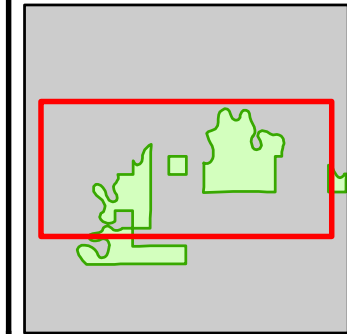


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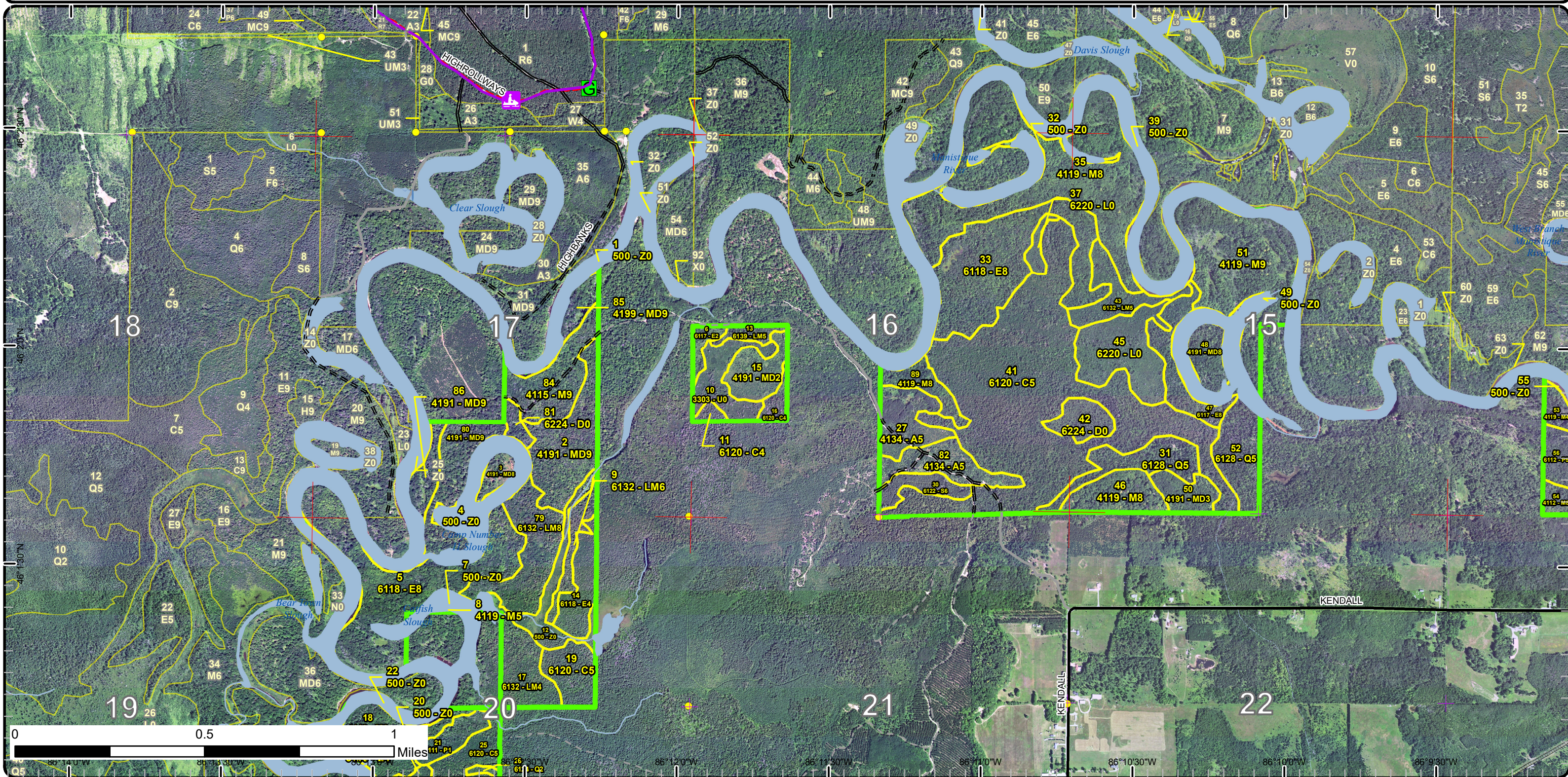


Stand Boundary Map

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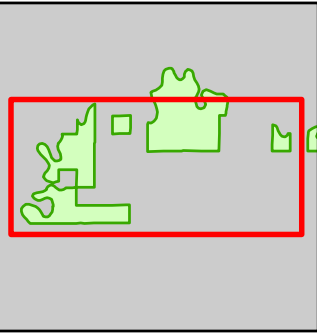


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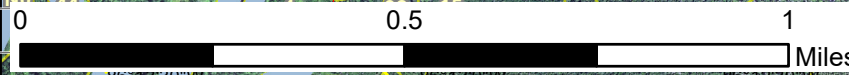
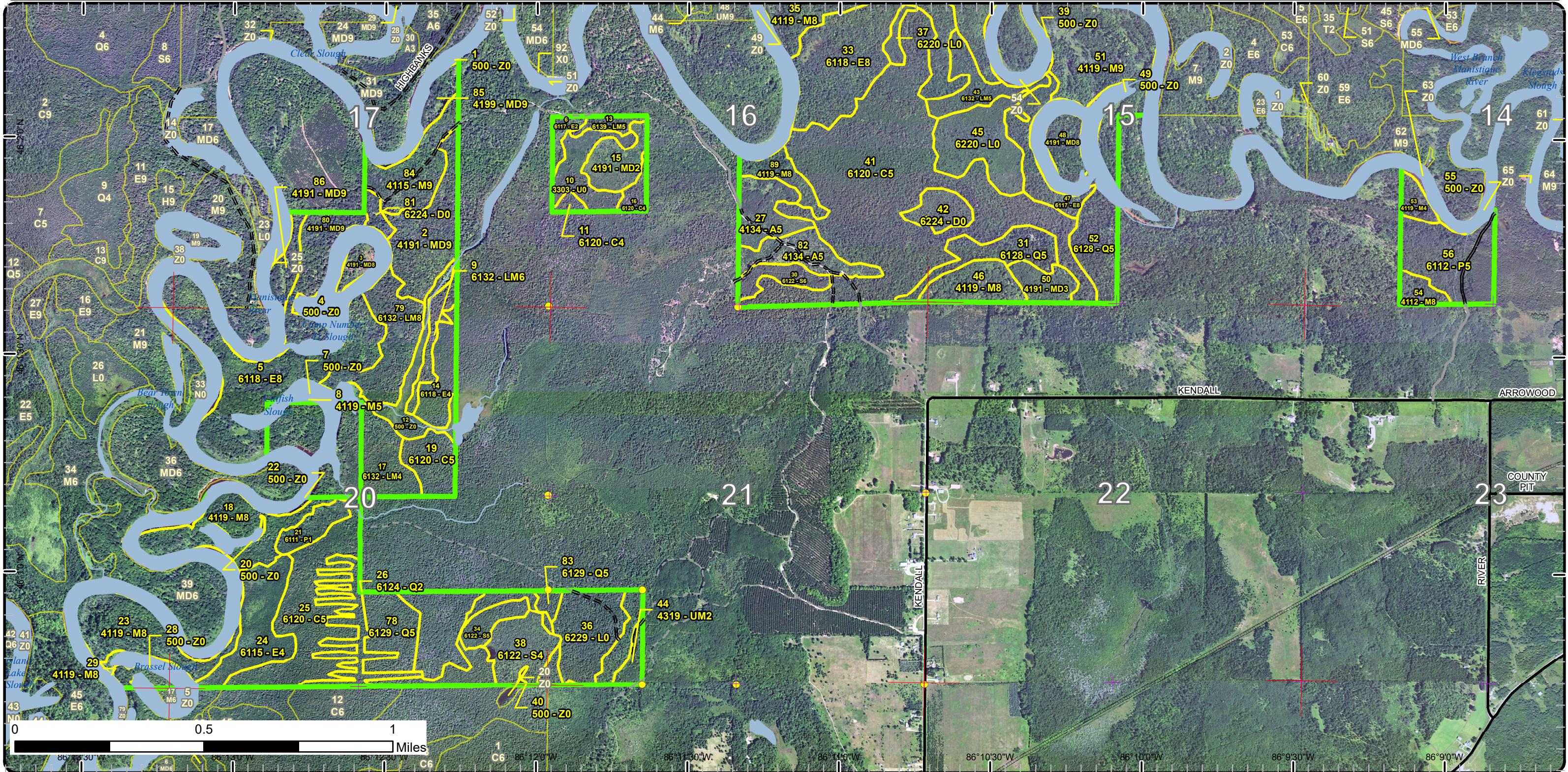


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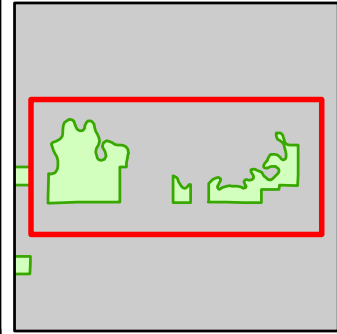
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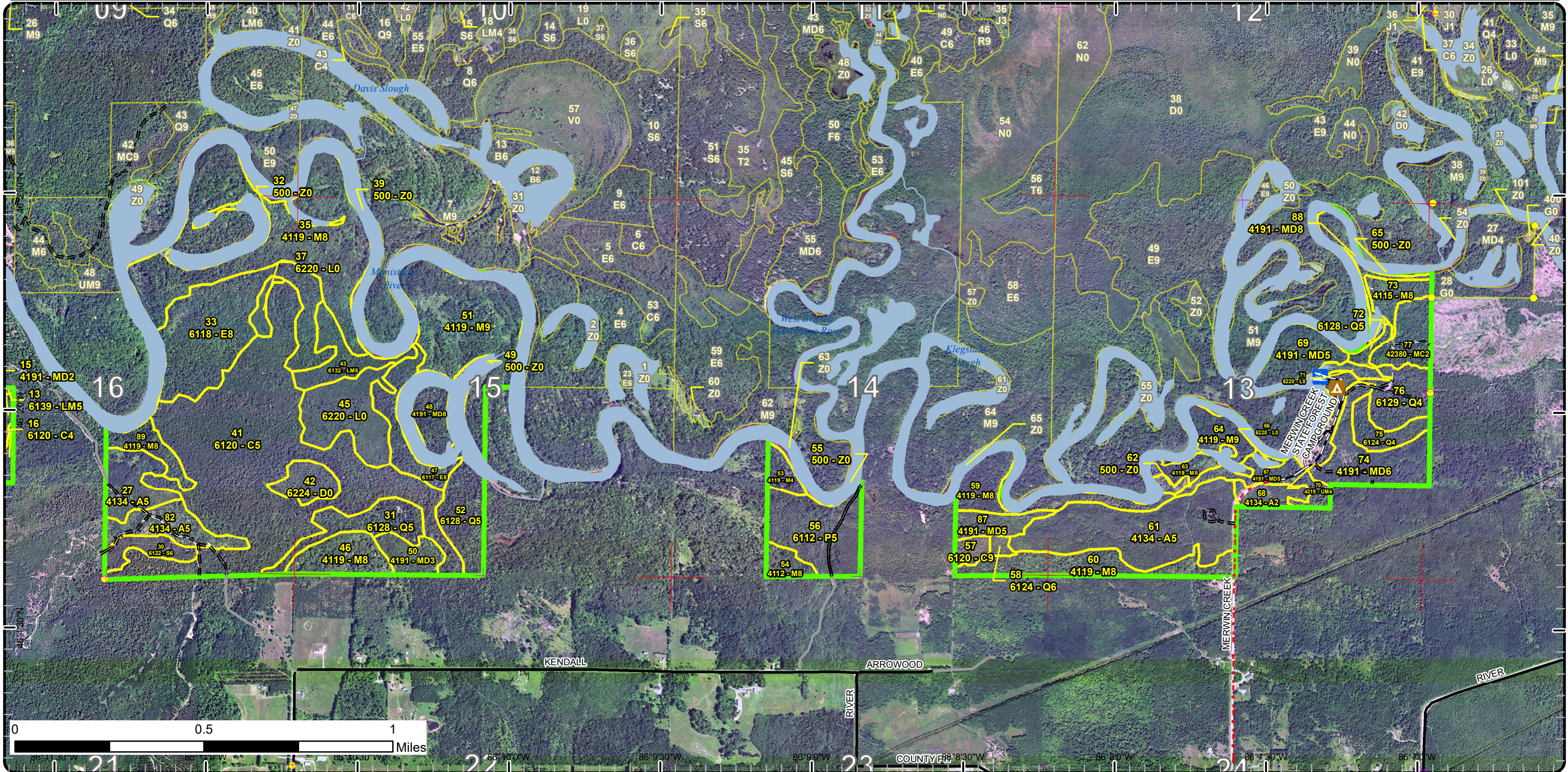
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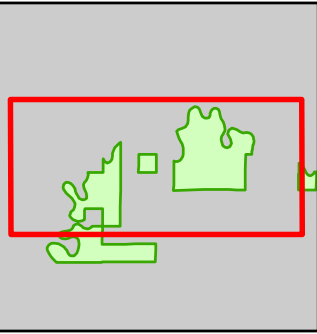


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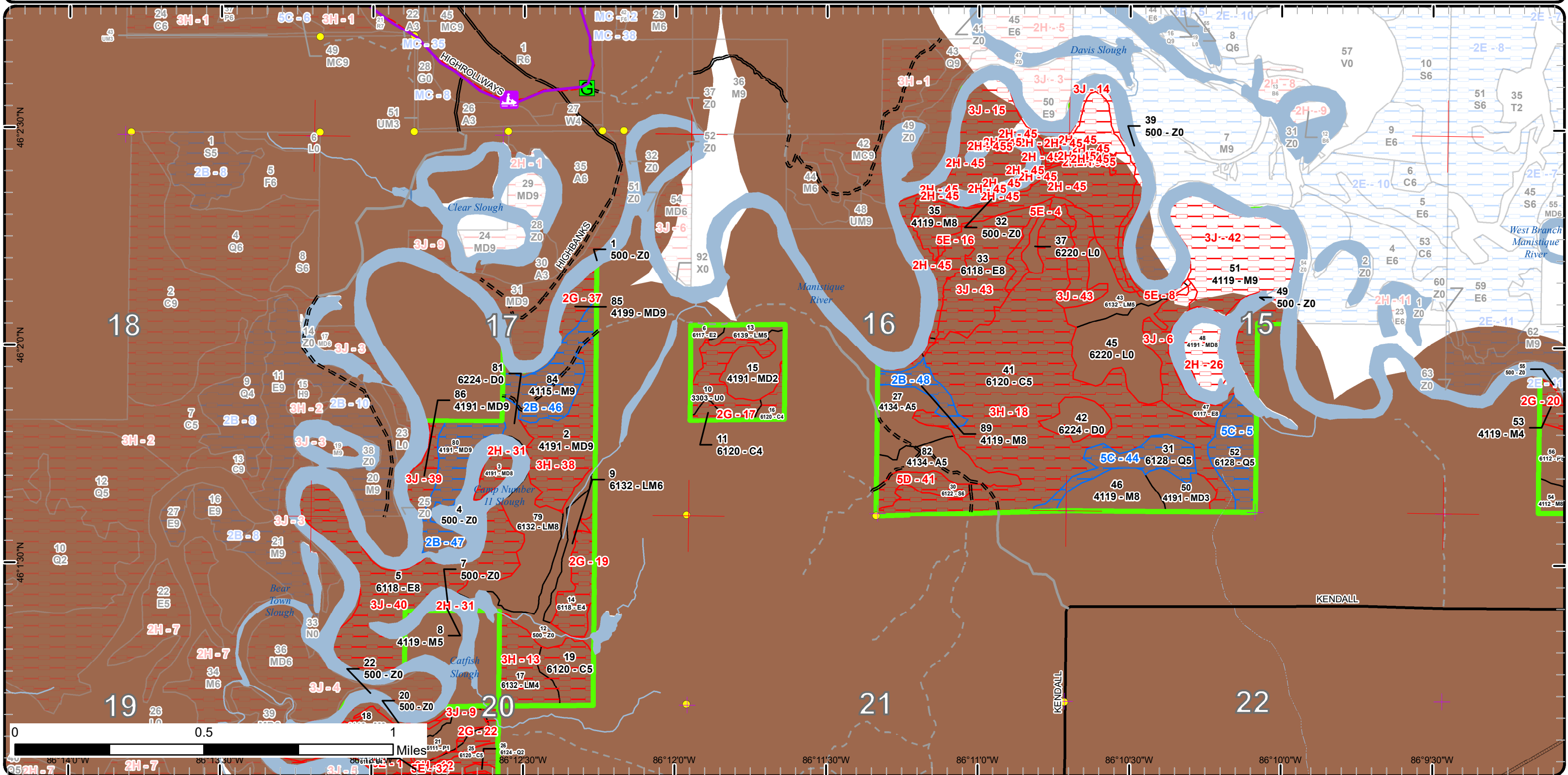


Special Conservation Areas

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- 🟩 Compartment Boundary
- 🟩 Available w/ Constraints
- 5C: Delay treatment for age/size class diversity or exceptional site quality
- 🔴 Unavailable
- 2G: Too wet (sensitive soils, does not include access issues)
- 2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)
- 3J: Water quality / BMPs (stream, river, or lake)
- 5D: Unproductive Forest Land
- 5E: Long-Term Retention
- 🟩 Stand Boundaries
- 🟤 Deer Winter Range



Report 1 – Total Acres by Cover Type and Age Class



Age Class

	Non-Forest	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100-109	110-119	120-129	130-139	140-149	150+	Unseen-Aged	Total
Aspen	0	0	7	31	53	0	0	0	0	0	0	0	0	0	0	0	0	0	91
Cedar	0	0	0	0	0	0	13	0	0	0	0	4	49	0	0	152	2	0	219
Low-Density Trees	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14
Lowland Aspen/Balsam Poplar	0	8	0	0	0	29	0	0	0	0	0	0	0	0	0	0	0	0	37
Lowland Conifers	0	0	0	0	9	0	18	0	15	0	44	5	0	18	0	16	0	0	124
Lowland Deciduous	0	0	0	4	0	0	0	0	0	0	152	15	0	0	0	0	0	0	171
Lowland Mixed Forest	0	0	0	0	0	0	17	0	0	0	43	0	8	0	0	0	0	0	68
Lowland Shrub	77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	77
Lowland Spruce/Fir	0	0	0	0	0	0	0	0	0	8	0	0	24	0	0	0	0	0	32
Mixed Upland Deciduous	0	0	0	21	24	0	0	0	25	0	93	0	8	0	0	0	0	0	170
Northern Hardwood	0	0	0	0	0	0	0	0	0	5	194	15	118	0	0	0	0	0	332
Treed Bog	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12
Upland Conifers	0	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13
Upland Mixed Forest	0	0	4	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0	13
Water	173	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	173
Total	276	21	11	56	86	29	48	0	40	13	535	39	207	18	0	168	2	0	1546



Report 2 – Treatment Summary

Shingleton Mgt. Unit
Year of Entry: 2025

Acres of Harvest

Compartment 77
Total Compartment Acres: 1,547

Commercial Harvest -
Harvests with Site Condition - 50
Next Step Harvest - 0
Habitat Cut - 0

Cover Type by Harvest Method

	Clearcut	Selection	Patch Clearcut	Seed Tree	Shelterwood	Thinning	Overshory Removal	Salvage	Other	Total Acres
Mixed Upland Deciduous	0	0	0	0	21	0	0	0	0	21
Northern Hardwood	0	29	0	0	0	0	0	0	0	29
Total	0	29	0	0	21	0	0	0	0	50

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	50	0	0	0	0	0	44	0	0	93
Next Step	0	0	0	0	0	0	50	0	0	50
Total	50	0	0	0	0	0	93	0	0	143



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:

80	41077080-Cut	20.7	4191 - Mixed Upland Deciduous with Conifer	Sawtimber Well	92	81-110	Harvest	Shelterwood with Retention	4199 - Other Mixed Upland Deciduous	Two-Aged	No
<u>Prescription</u> Thin stand to 40 ba. Harvest cedar only for operability. Thin oak following the complete marker guidelines.											
<u>Specs:</u> Cut in the winter due to deer wintering and wood turtles. Follow wood turtle management guidance near the river.											
<u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)											
<u>Treatments:</u>											
<u>Acceptable</u> Any current species.											
<u>Regen:</u>											
<u>Other</u>											
<u>Comment:</u>											
<u>Site Condition</u> Unknown Access											
<u>Proposed Start Date:</u> 10/1 /2024											
84	41077084-Cut	21.3	4115 - Y.Birch, Hemlock NH	Sawtimber Well	92	111- 140	Harvest	Single Tree Selection	411 - Northern Hardwood	Uneven- Aged	No
<u>Prescription</u> Stand has a very low basal area roughly 90-110. Thin leaving best tree in place. Create some canopy gaps.											
<u>Specs:</u> Cut in the winter due to deer wintering and wood turtles. Follow wood turtle management guidance near the river. Leave slash piles to promote regeneration.											
<u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)											
<u>Treatments:</u>											
<u>Acceptable</u> Any current species is acceptable.											
<u>Regen:</u>											
<u>Other</u>											
<u>Comment:</u>											
<u>Site Condition</u> Unknown Access											
<u>Proposed Start Date:</u> 10/1 /2024											
89	41077089-Cut	7.7	4119 - Mixed Northern Hardwoods	Sawtimber Medium	95	81-110	Harvest	Single Tree Selection	4319 - Mixed Upland Forest	Uneven- Aged	No
<u>Prescription</u> Thin Stand following complete marker and leave canopy gaps.											
<u>Specs:</u> Cut in the winter due to deer wintering and wood turtles. Follow wood turtle management guidance near the river.											
<u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)											
<u>Treatments:</u>											
<u>Acceptable</u> Any Current species											
<u>Regen:</u>											
<u>Other</u>											
<u>Comment:</u>											
<u>Site Condition</u> Unknown Access											
<u>Proposed Start Date:</u> 10/1 /2024											

Approved Treatments:

36	41077036-Monitor	43.7	6229 - Mixed lowland shrub	Nonstocked	0	Unspec ified	Monitoring	Natural Regen (Re-Inventory)	6129 - Mixed Coniferous Lowland Forest	Even-Aged	No
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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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Prescription Trees are starting to grow, but too small yet to say it is stocked.

Specs:

Next Step

Treatments:

Acceptable Any current species is acceptable.

Regen:

Other Percent to Treat = 100%

Comment:

Site Condition

Proposed Start Date: 10/1 /2032

Total Treatment 93.4
Acres Proposed:

Report 4 – Site Conditions

Shingleton Mgt. Unit
Sheila Clark : Examiner

Compartment: 77
Year of Entry: 2025

Availability for Management

Total Acres	Acres Available	Acres Avail		Dominant Site Conditions	Dominant Site Conditions											
		With Condition	Not Available		2B	4A	5C	2G	2H	3D	3H	3J	5D	5E		
91	91	0	0	Aspen												
219	0	0	219	Cedar				11				208				0
14	0	0	14	Low-Density Trees				14								
37	36	0	1	Lowland Aspen/Balsam Poplar				1					0			
124	48	74	2	Lowland Conifers			16	58					0			2
171	4	0	167	Lowland Deciduous				37					117			13
67	50	0	18	Lowland Mixed Forest								17	0			1
77	76	0	0	Lowland Shrub			0	0								
32	0	24	8	Lowland Spruce/Fir			17	7							8	
170	70	21	79	Mixed Upland Deciduous	21			19	15			29	16			
332	64	29	240	Northern Hardwood	29			20	69				128			22
12	12	0	0	Treed Bog												
13	13	0	0	Upland Conifers												
13	4	0	9	Upland Mixed Forest							9					
173	173	0	0	Water				0					0			0
1,547	642	148	757	Total Forested Acres	50	33	65	103	84	9	253	261	8			38
	41%	10%	49%	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	11	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
2	Available	4A: No Markets Available for these Forest Products	29	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

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Sheila Clark : Examiner

Compartment: 77

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3	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	8	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
4	Unavailable	5E: Long-Term Retention	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
5	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	18	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
6	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	15	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
7	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	8	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Buffer for stand 73.							
8	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

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Sheila Clark : Examiner

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Year of Entry: 2025

9	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
10	Available	4A: No Markets Available for these Forest Products	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
11	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
12	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	40	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
13	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	29	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
14	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	10	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Buffer along river.							

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Sheila Clark : Examiner

Compartment: 77

Year of Entry: 2025

15	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	35	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Buffer along river.							
16	Unavailable	5E: Long-Term Retention	8	4A: No Markets Available for these Forest Products	Unspecified	Unspecified	Unspecified
Comments: Part of harvest estimated not to cut and buffer along river.							
17	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	20	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
18	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	152	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
19	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	13		Unspecified	Unspecified	Unspecified
Comments:							
20	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	5	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	Unspecified	Unspecified	Unspecified
Comments:							

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21	Unavailable	5E: Long-Term Retention	10	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Buffer along river for harvest.							
22	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	30	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
23	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	17	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Estimated timber sale line.							
25	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	12	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
26	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	10	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
27	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	10	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

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28	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
29	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
30	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	20	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
31	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
32	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
33	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

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34	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	19	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
35	Unavailable	3D: Recreational / Scenic values	9	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Merwin Campground							
36	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
37	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
38	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	29	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
39	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	8	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

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Compartment: 77

Year of Entry: 2025

40	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	61	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments:							
41	Unavailable	5D: Unproductive Forest Land	8	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
42	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	55	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Not able to access due to low ground and river.							
43	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	41	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
44	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	16	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
45	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	50	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Stand was part of Evinrude Hardwoods, but never cut due to access.							

Report 4 – Site Conditions

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Compartment: 77
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46	Available	2B: Unknown if access through adjacent landowner(s) is possible	21	2I: Survey needed	Unspecified	Unspecified	Unspecified
Comments:							
47	Available	2B: Unknown if access through adjacent landowner(s) is possible	21	2I: Survey needed	Unspecified	Unspecified	Unspecified
Comments:							
48	Available	2B: Unknown if access through adjacent landowner(s) is possible	8	2I: Survey needed	Unspecified	Unspecified	Unspecified
Comments:							



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
Merwin Campground	Concentrated Recreation Area	State Forest Campground	SCA	6
Comments				
Merwin Campground				
Merwin Creek Boat Launch	Concentrated Recreation Area	Boat Access Site	SCA	0
Comments				
Merwin Creek Boat Launch				



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
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1	500 - Water	Nonstocked	4.1			No	2022 - Manistique River
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2	4191 - Mixed Upland Deciduous with Conifer	Sawtimber Well	28.6	92	111-140	N/A	2023 - This is a transition stand from hardwood down to cedar swamp. The ground is lower than hardwood stand to the north. There is more hemlock and cedar in this stand. Operations in this stand would be very difficult due to low ground and hemlock.
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Yellow Birch	15	Log	14		Wild Red Raspberry	Low	5 - 10 feet	Tall Shrub
Black Ash	5	Pole	6		Tag Alder	Low	5 - 10 feet	Tall Shrub
Hemlock	25	Log	14		Red Maple	Low	5 - 10 feet	Sapling
Northern White Cedar	15	Pole	8					
Red Maple	15	Log/Pole	10					

3	4191 - Mixed Upland Deciduous with Conifer	Sawtimber Medium	5.7	97	81-110	N/A	2022 - No change. This is an island surrounded by an old oxbow.
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Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	20	Pole/Log	12	
Sugar Maple	20	Pole/Log	12	97
White Oak	5	Log/Pole	14	
Paper Birch	20	Pole	10	
Northern White Cedar	15	Pole/Log	10	
Black Spruce	20	Pole	8	

4	500 - Water	Nonstocked	34.6			No	2022 - Oxbows and Manistique River.
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5	6118 - Lowland Deciduous with Cedar	Sawtimber Medium	61.3	92	81-110	N/A	2023 - This stand does have harvestable timber, however, it will be difficult to access and will have to be cut in the winter due to deer yard and very low ground. Access will also be difficult.
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Northern White Cedar	20	Log/Pole	10	92	Black Ash	Low	5 - 10 feet	Sapling
Black Ash	10	Pole	6		Tag Alder	Low	5 - 10 feet	Tall Shrub
Basswood	10	Log	14		Balsam Fir	Low	5 - 10 feet	Sapling
Sugar Maple	15	Log/Pole	10					
Swamp White Oak	20	Log/Pole	14	92				
Balsam Fir	10	Pole	6					
Red Maple	15	Pole	8	92				

6	6117 - Lowland Deciduous, Mixed Coniferous	Sapling Medium	3.8	23	81-110	N/A	This stand was harvested 2 entries before. Scattered red maple, cedar, hemlock and balsam fir were left. 2023 Stand is healthy.
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Canopy Species	% Cover	Size Class	DBH	Age
Paper Birch	15	Sapling	2	
Northern White Cedar	5	Pole	5	
Quaking Aspen	30	Sapling	2	23
Balsam Fir	25	Sapling	2	



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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7 500 - Water Nonstocked 4.2 No 2022 - Old Oxbow no change.

8 4119 - Mixed Northern Hardwoods Poletimber Medium 0.7 92 81-110 N/A 2022 - No change.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	10	Pole	6		Tag Alder	Low	5 - 10 feet	Tall Shrub
Northern White Cedar	19	Pole/Log	10		Black Ash	Low	5 - 10 feet	Sapling
Black Ash	7	Pole	6					
Red Maple	45	Pole	8	92				
Sugar Maple	19	Pole	8					

9 6132 - Mixed Lowland Forest with Cedar Poletimber Well 7.9 117 111-140 N/A 2023 no change

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	10	Pole/Log	8		Tag Alder	Low	5 - 10 feet	Tall Shrub
Yellow Birch	10	Log/Pole	10					
Black Ash	35	Pole	6					
Northern White Cedar	45	Pole	6	117				

10 3303 - Mixed Low Density Trees Nonstocked 14.3 No This is a tag alder swamp with scattered cedar, red maple and black ash.

Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	Low	Unspecified	Pole
Quaking Aspen	Low	5 - 10 feet	Sapling
Tag Alder	Medium	5 - 10 feet	Tall Shrub
Northern White Cedar	Trace		Pole

11 6120 - Lowland Cedar Poletimber Poor 2.0 150 51-80 N/A 2023 - Poor quality trees on low ground . A lot of windthrow.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Northern White Cedar	90	Pole	8	150	Tag Alder	Low	5 - 10 feet	Tall Shrub
Tamarack	5	Pole	8		Red Maple	Low	5 - 10 feet	Sapling
Black Ash	5	Pole	8					

12 500 - Water Nonstocked 14.7 No

13 6139 - Mixed Lowland Forest Poletimber Medium 3.9 97 1-50 N/A 2023 - Tag alder. Ash is dying and the main species is red maple.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	30	Pole	7	97	Tag Alder	High	5 - 10 feet	Tall Shrub
Black Ash	20	Pole	6	97				
White Spruce	15	Pole	6					
Balsam Fir	25	Pole	7					
Northern White Cedar	10	Pole	8					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments		
14	6118 - Lowland Deciduous with Cedar	Poletimber Poor	13.0	95	1-50	N/A	2023 - No change.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black Ash		60	Pole/Sapling	6	95	Tag Alder	Medium	5 - 10 feet	Tall Shrub
Northern White Cedar		40	Pole/Sapling	6					
15	4191 - Mixed Upland Deciduous with Conifer	Sapling Medium	12.3	23	81-110	N/A	Stand was cut 13 years ago. Regeneration looks good. Not all ground is upland - a mix.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple		20	Sapling	2		Tag Alder	Low	5 - 10 feet	Tall Shrub
Quaking Aspen		35	Sapling	2	23				
Tamarack		15	Sapling	2					
Northern White Cedar		5	Pole	6					
Paper Birch		10	Sapling	2					
Black Spruce		15	Sapling	2					
16	6120 - Lowland Cedar	Poletimber Poor	3.9	118	51-80	N/A	2023 - This is poor timber on a very wet site.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple		10	Pole	6		Red Maple	Low	5 - 10 feet	Sapling
Northern White Cedar		50	Pole	6	118	Black Spruce	Low	5 - 10 feet	Sapling
Tamarack		30	Pole	6					
Black Spruce		10	Pole	6					
17	6132 - Mixed Lowland Forest with Cedar	Poletimber Poor	16.7	59	51-80	N/A	2022 - No Change.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black Ash		40	Pole	8	59	Tag Alder	High	10 - 20 feet	Tall Shrub
Northern White Cedar		40	Pole	10					
Black Spruce		15	Pole	6					
Sugar Maple		5	Pole	6					
18	4119 - Mixed Northern Hardwoods	Sawtimber Medium	29.0	92	51-80	N/A	[3/26/19] Stand was cut as part of Pink Timber Doodle sale # 41-003-15-01. TCR Date 3/4/2019. 2023- Stand regenerated well. Some regen getting browsed, so has outgrown browse line.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple		50	Log/Pole	12	92	Sugar Maple	Low	< 5 feet	Sapling
Red Maple		10	Pole/Log	10		Black Ash	Medium	< 5 feet	Sapling
Northern White Cedar		20	Pole	8		Yellow Birch	Medium	5 - 10 feet	Sapling
Bur Oak		5	Log/Pole	12		Balsam Fir	Low	< 5 feet	Sapling
Yellow Birch		15	Log/Pole	14		Red Maple	Medium	5 - 10 feet	Sapling



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments		
19	6120 - Lowland Cedar	Poletimber Medium	12.6	59	51-80	N/A	2022 - No Change.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black Spruce		20	Pole/Sapling	8		Tag Alder	Low	5 - 10 feet	Tall Shrub
Tamarack		20	Pole	8					
Northern White Cedar		60	Pole	10	59				
20	500 - Water	Nonstocked	2.0				No		
21	6111 - Lowland Balsam Poplar	Sapling Poor	8.1	4	Immature	N/A	[3/26/19] Stand was cut as part of Pink Timber Doodle sale # 41-003-15-01. TCR Date 3/4/2019.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple		30	Sapling	1		Sedges	High	Unspecified	Non-Wood
Balsam Poplar		60	Sapling	1	4	Tag Alder	Medium	< 5 feet	Tall Shrub
Northern White Cedar		10	Pole	6					
2023 - Stand is starting to regenerate.									
22	500 - Water	Nonstocked	16.1				No	2023 - Manistique River.	
23	4119 - Mixed Northern Hardwoods	Sawtimber Medium	28.1	92	111-140	N/A	2023 - Stand was originally part of Pink Timber Doodle. However, it was never cut. Stand is unchanged.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple		50	Log/Pole	12	92	Sugar Maple	Low	< 5 feet	Sapling
Red Maple		15	Log/Pole	10					
Bur Oak		5	Log/Pole	12					
Northern White Cedar		30	Pole	8					
24	6115 - Lowland Ash	Poletimber Poor	24.3	95	51-80	N/A	2023 - No change.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir		10	Pole/Sapling	4		Tag Alder	Medium	5 - 10 feet	Tall Shrub
Northern White Cedar		10	Pole	6					
Black Ash		80	Pole/Sapling	4	95				
25	6120 - Lowland Cedar	Poletimber Medium	44.5	117	81-110	N/A	2023 - No change.		
Canopy Species		% Cover	Size Class	DBH	Age				
Balsam Fir		10	Pole	6					
Black Spruce		10	Pole	8					
Black Ash		20	Pole	8					
Northern White Cedar		60	Pole/Log	8	117				



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																												
26	6124 - Lowland Spruce-Fir	Sapling Medium	18.0	59	1-50	N/A	2013 - This stand was strip cut in 1964. It is well regenerated, but not to cedar. There is very little new cedar regeneration.																																																												
<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>Balsam Fir</td> <td>20</td> <td>Sapling</td> <td>3</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>10</td> <td>Sapling</td> <td>3</td> <td></td> </tr> <tr> <td>Black Spruce</td> <td>40</td> <td>Sapling</td> <td>3</td> <td>59</td> </tr> <tr> <td>Tamarack</td> <td>20</td> <td>Sapling</td> <td>3</td> <td></td> </tr> <tr> <td>Northern White Cedar</td> <td>10</td> <td>Sapling</td> <td>3</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Balsam Fir	20	Sapling	3		Red Maple	10	Sapling	3		Black Spruce	40	Sapling	3	59	Tamarack	20	Sapling	3		Northern White Cedar	10	Sapling	3		<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>Striped Maple</td> <td>Low</td> <td>< 5 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Striped Maple	Low	< 5 feet	Sapling				2023 - Not much change. Stand has thick regeneration, some cedar under 5 feet, but sparse.																						
Canopy Species	% Cover	Size Class	DBH	Age																																																															
Balsam Fir	20	Sapling	3																																																																
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27	4134 - Aspen, Spruce/Fir	Poletimber Medium	15.6	24	51-80	N/A																																																													
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30	6122 - Black Spruce	Poletimber Well	8.0	88		N/A	2023-Stand is healthy, but slow growing.																																																												
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31	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Medium	16.4	148	141-170	N/A	2023 - Transitional stand from hardwoods to cedar. Lots of deer activity.																																																												
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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32 500 - Water Nonstocked 9.5 No

33 6118 - Lowland Deciduous with Cedar Sawtimber Medium 53.8 95 81-110 N/A

2023 - Stand was set up as part of Evinrude Hardwoods. However, too wet to access and never got cut.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Yellow Birch	5	Log/Pole	12		Tag Alder	Medium	5 - 10 feet	Tall Shrub
Northern White Cedar	20	Log/Pole	10		Black Ash	Low	5 - 10 feet	Sapling
Paper Birch	5	Pole	8		Red Maple	Medium	5 - 10 feet	Sapling
Red Maple	30	Pole	8	95	Balsam Fir	Low	5 - 10 feet	Sapling
Black Ash	15	Pole	6	95				
Sugar Maple	10	Log/Pole	10					
Balsam Fir	15	Pole/Sapling	6					

34 6122 - Black Spruce Poletimber Medium 7.1 117 81-110 N/A

2023 - No change, also adjacent stand is not big enough.

Canopy Species	% Cover	Size Class	DBH	Age
Black Spruce	75	Pole	6	117
Tamarack	20	Pole	6	
Northern White Cedar	5	Pole	6	

35 4119 - Mixed Northern Hardwoods Sawtimber Medium 94.4 112 111-140 N/A

2023 - This stand was set up last entry, but never harvested. Timber sale name was Evinrude Hardwoods.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	40	Log/Pole	12	112	Sugar Maple	Low	5 - 10 feet	Sapling
Paper Birch	10	Log/Pole	12		Balsam Fir	Low	5 - 10 feet	Sapling
Bur Oak	5	Log/Pole	10		Beech	Low	10 - 20 feet	Sapling
Northern White Cedar	5	Pole	9					
Red Maple	20	Pole/Log	8					
Black Ash	20	Pole	6					

36 6229 - Mixed lowland shrub Nonstocked 42.7 0 Unspecified 613 - Lowland Mixed Forest

[3/26/19] Stand was cut as part of Pink Timber Doodle Sale # 41-003-15-01. TCR Date 3/4/2019.

Sub-Canopy Species	Density	Avg. Height	Size
Black Spruce	Medium	< 5 feet	Sapling
White Pine	Low	< 5 feet	Sapling
Balsam Fir	Low	< 5 feet	Sapling
Tamarack	Medium	< 5 feet	Sapling

2023 - Trees are starting to grow. Very small, less than a foot. Keep monitoring on for another 10 years. Cattails present.

37 6220 - Alder/willow Nonstocked 3.2 No



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																							
38	6122 - Black Spruce	Poletimber Poor	16.9	117	1-50	N/A	Sparsely stocked black spruce stand with spruce, tamarack, and tag alder in understory. Includes a vernal pond on west edge.																																																							
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41	6120 - Lowland Cedar	Poletimber Medium	152.3	148	141-170	N/A	Mixed cedar stand with lots of deer activity.																																																							
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42	6224 - Treed Bog	Nonstocked	8.8			No																																																								
43	6132 - Mixed Lowland Forest with Cedar	Poletimber Medium	13.4	92	51-80	N/A	ash mostly dead.																																																							
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44	4319 - Mixed Upland Forest	Sapling Medium	4.4	17	111-140	N/A	Some hemlock, balsam fir, and black spruce left from harvest. Stand is regenerating well.																																																							
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45	6220 - Alder/willow	Nonstocked	26.3			No																																																						
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46	4119 - Mixed Northern Hardwoods	Sawtimber Medium	15.0	100	81-110	N/A	This stand is on a hill. There is lot s of regeneration in the stand and in the regeneration pockets. There is some hemlock scattered throughout the stand.This stand was cut as part of Evinrude Hardwoods Sale #41-002-15-01.																																																					
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47	6117 - Lowland Deciduous, Mixed Coniferous	Sawtimber Medium	14.8	105	81-110	N/A	2023 - This stand was set up last entry but never cut. It was part of Evinrude Hardwood. This stand is a transitional stand with a wide variety of trees. It is mixed upland and lowland.																																																					
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48	4191 - Mixed Upland Deciduous with Conifer	Sawtimber Medium	9.7	95	81-110	N/A	2023 - This is an island surrounded by an oxbow.																																																					
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49	500 - Water	Nonstocked	18.6			No																																																						



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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50 4191 - Mixed Upland Deciduous with Conifer Sapling Well 9.1 23 Immature N/A This stand was finished cutting in 2000. It was previously a B6 and was clearcut.

Canopy Species	% Cover	Size Class	DBH	Age
Beech	10	Sapling	3	
Black Cherry	10	Sapling	3	
Sugar Maple	20	Sapling	3	23
Balsam Fir	10	Sapling	2	
Black Spruce	20	Sapling	2	
Paper Birch	20	Sapling	3	
Hemlock	10	Sapling	4	

51 4119 - Mixed Northern Hardwoods Sawtimber Well 54.9 97 111-140 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Basswood	10	Log	12		Balsam Fir	Low	5 - 10 feet	Sapling
Red Maple	20	Log/Pole	10					
Yellow Birch	10	Log	14					
White Oak	20	Log/Pole	10					
Northern White Cedar	10	Pole	8					
Sugar Maple	25	Log	12	97				
American Elm	5	Log/Pole	10					

52 6128 - Lowland Coniferous, Mixed Deciduous Poletimber Medium 17.5 121 81-110 N/A 2023 - This stand is lightly stocked with balsam fir, cedar, and white birch. The understory is thick with balsam fir and black spruce. Not enough volume to harvest.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Northern White Cedar	30	Pole	9	121	Red Maple	Medium	10 - 20 feet	Sapling
White Spruce	10	Pole/Log	9		Black Spruce	Medium	10 - 20 feet	Sapling
Balsam Fir	25	Pole	8	121	Balsam Fir	High	10 - 20 feet	Sapling
Hemlock	5	Log	14					
Red Maple	5	Pole	8					
Paper Birch	15	Log/Pole	12					
Black Spruce	10	Pole	6					

53 4119 - Mixed Northern Hardwoods Poletimber Poor 5.2 91 81-110 N/A 2023 ash pretty much dead. hardwood in northern part. factor limit.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Oak	10	Pole	6		Balsam Fir	Low	5 - 10 feet	Sapling
Red Maple	35	Log	12	91	Red Maple	Low	5 - 10 feet	Sapling
Yellow Birch	10	Pole	8					
Sugar Maple	35	Log	12					
Northern White Cedar	10	Pole	8					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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54 4112 - Maple, Beech, Cherry Association Sawtimber Medium 5.3 85 81-110 N/A 2023 Stand is still healthy. Balsam fir coming in understory.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	40	Log	14		Black Cherry	Low	10 - 20 feet	Sapling
Yellow Birch	10	Log/Pole	10		Balsam Fir	Medium	10 - 20 feet	Sapling
Quaking Aspen	10	Pole	8		Beech	Low	10 - 20 feet	Sapling
Sugar Maple	40	Log	14	85				

This is a nice hardwood patch in good health.

55 500 - Water Nonstocked 3.1 No 2023-Merwin Creek.

56 6112 - Lowland Aspen Poletimber Medium 28.8 45 111-140 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Paper Birch	10	Pole	6		Balsam Fir	Low	5 - 10 feet	Sapling
Balsam Fir	35	Pole	7		Quaking Aspen	Low	5 - 10 feet	Sapling
Northern White Cedar	5	Pole	6		Red Maple	Low	5 - 10 feet	Sapling
Ironwood	5	Pole	6					
Quaking Aspen	45	Pole	8	45				

57 6120 - Lowland Cedar Sawtimber Well 3.9 105 81-110 N/A Typical cedar stand.

Canopy Species	% Cover	Size Class	DBH	Age
Northern White Cedar	70	Log/Pole	10	105
Black Spruce	10	Pole	8	
Balsam Fir	10	Pole	6	
Paper Birch	10	Pole	6	

58 6124 - Lowland Spruce-Fir Poletimber Well 2.0 105 81-110 N/A Lowland conifer stand with black spruce and balsam fir very small diameter. Intermittent stream flows through stand.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Northern White Cedar	15	Pole/Sapling	6		Tag Alder	Low	< 5 feet	Tall Shrub
Quaking Aspen	25	Pole/Sapling	6		Paper Birch	Low	< 5 feet	Sapling
Black Spruce	35	Pole/Sapling	6	105	Quaking Aspen	Low	< 5 feet	Sapling
Balsam Fir	25	Pole/Sapling	6		Balsam Fir	Medium	< 5 feet	Sapling



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments				
59	4119 - Mixed Northern Hardwoods	Sawtimber Medium	19.5	91	81-110	N/A	2023 - There is a steep cliff (15-20 foot) separating this stand from the rest of the area. It is very wet and difficult to access. Between buffers, wet ground and access this stand is not harvestable. The ash is dieing out and balsam fir is starting to take over in the understory.				
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size	
Red Maple		10	Log/Pole	10		Balsam Fir		Low	5 - 10 feet	Sapling	
Paper Birch		10	Pole	8		Red Maple		Low	5 - 10 feet	Sapling	
White Ash		10	Pole	6							
Bur Oak		10	Log/Pole	14							
Basswood		10	Log/Pole	10							
Northern White Cedar		5	Pole	8							
Sugar Maple		20	Log/Pole	12	91						
American Elm		5	Pole	6							
Yellow Birch		15	Log/Pole	12							
White Oak		5	Log/Pole	12							
60	4119 - Mixed Northern Hardwoods	Sawtimber Medium	23.1	91	81-110	N/A		2023 - This stand is on a slope that angles down to lower stands. It is moderately stocked the trees look healthy. Part of stand was harvested in 1998.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species			Density	Avg. Height	Size
White Ash		5	Pole	8		Beech			Low	5 - 10 feet	Sapling
Yellow Birch		15	Log	10		Balsam Fir			Low	5 - 10 feet	Sapling
Balsam Fir		15	Pole/Sapling	6		Sugar Maple			Medium	5 - 10 feet	Sapling
Beech		5	Log	12							
Paper Birch		10	Pole	8							
Sugar Maple		50	Log	12	91						
61	4134 - Aspen, Spruce/Fir	Poletimber Medium	53.2	33	81-110	N/A	Stand was harvested and has regenerated very well with a wide variety of trees. There area a couple of vernal ponds in this stand as well as an intermittent drain.				
Canopy Species		% Cover	Size Class	DBH	Age						
Balsam Fir		30	Pole	5							
Quaking Aspen		40	Pole	6	33						
Sugar Maple		10	Pole	5							
Paper Birch		20	Pole	5							
62	500 - Water	Nonstocked	1.9			No					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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63 4119 - Mixed Northern Hardwoods Sawtimber Medium 5.6 117 81-110 N/A

[10/01/18 TI] Stand was part of the Noyo Trees Sale #41-004-15-01. TCR Date 8/10/2018. This treatment was not cut and was turned back in by the logger. Previous treatment was accidentally forwarded to 'completed' phase instead of 'terminated' phase.

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	29	Log/Pole	10	117
Red Maple	12	Pole/Log	8	
Yellow Birch	6	Log/Pole	10	
Northern White Cedar	4	Pole	6	
American Elm	14	Pole/Sapling	6	
Basswood	23	Pole/Log	8	
Bur Oak	10	Pole	6	
White Ash	2	Log/Pole	10	

64 4119 - Mixed Northern Hardwoods Sawtimber Well 9.7 117 81-110 N/A

[100/1/2018 TI] Stand was cut as part of Sale #41-004-15-01 Noyo Trees. TCR Date: 8/10/2018.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
American Elm	8	Pole	6		White Ash	Low	5 - 10 feet	Sapling
Bur Oak	10	Log/Pole	10		Balsam Fir	Low	5 - 10 feet	Sapling
Sugar Maple	30	Log/Pole	10	117	Red Maple	Medium	5 - 10 feet	Sapling
Basswood	25	Log/Pole	10					
Yellow Birch	3	Log/Pole	10					
White Ash	2	Log/Pole	10					
Northern White Cedar	4	Pole	6					
Red Maple	13	Log/Pole	10	117				
White Oak	5	Pole	6					

65 500 - Water Nonstocked 24.8 Immature No

66 6220 - Alder/willow Nonstocked 1.3 No

67 4191 - Mixed Upland Deciduous with Conifer Poletimber Medium 12.2 95 81-110 N/A

There is a drain that runs through the southeastern side of the stand. this is a transition stand with a wide variety of types and drainages. if need to cross will most likely be in winter.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Quaking Aspen	15	Pole	8		Balsam Fir	Medium	10 - 20 feet	Sapling
Paper Birch	5	Pole	6		Red Maple	Low	5 - 10 feet	Sapling
Black Cherry	5	Pole	5					
Northern White Cedar	5	Pole	8					
Red Maple	20	Pole	8					
Balsam Fir	35	Pole	8	95				

[10/1/2018 TI] Part of this stand was cut with Noyo Trees Sale #41-004-15-01. TCR Date 8/10/2018.



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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68 4134 - Aspen, Spruce/Fir Sapling Medium 6.9 17 Immature N/A 2013 - This stand was harvested 7 years ago and left scattered balsam, cedar, and red maple. However, this is an aspen regeneration stand.

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	10	Sapling	3	
Balsam Fir	20	Sapling	3	
Quaking Aspen	50	Sapling	3	17
Hemlock	10	Pole/Log	8	70
Black Cherry	10	Sapling	3	

69 4191 - Mixed Upland Deciduous with Conifer Poletimber Medium 15.8 71 51-80 N/A 2023 - Stand is healthy and regenerating nicely.

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	45	Pole/Log	8	71
Northern White Cedar	5	Pole	8	
American Elm	2	Pole/Log	8	
Paper Birch	3	Log/Pole	10	
Basswood	10	Pole	8	
Bur Oak	15	Pole	8	
Balsam Fir	20	Pole/Sapling	5	

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

This stand has swales and spring runoff drains.

70 4319 - Mixed Upland Forest Poletimber Poor 8.9 94 81-110 N/A The Merwin camp ground is included in this stand.

Canopy Species	% Cover	Size Class	DBH	Age
Paper Birch	15	Pole	6	
Balsam Fir	10	Pole/Sapling	6	
Northern White Cedar	15	Pole	6	
White Spruce	15	Pole	8	
White Pine	15	Log	16	94
Sugar Maple	10	Pole/Log/Sap	9	
Bigtooth Aspen	10	Pole/Sapling	6	
Red Maple	10	Pole	8	

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	Medium	5 - 10 feet	Sapling

71 6220 - Alder/willow Nonstocked 3.0 Immature No

72 6128 - Lowland Coniferous, Mixed Deciduous Poletimber Medium 2.5 102 81-110 N/A

Canopy Species	% Cover	Size Class	DBH	Age
Black Ash	10	Pole	6	
Red Maple	15	Pole	6	
Northern White Cedar	30	Pole/Sapling	6	
Balsam Fir	45	Pole/Sapling	6	102

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	Medium	5 - 10 feet	Sapling



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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73 4115 - Y.Birch, Hemlock NH Sawtimber Medium 8.1 117 51-80 N/A

2023 - Stand is healthy. regeneration is starting to come in mostly red maple and balsam fir.

Canopy Species	% Cover	Size Class	DBH	Age
White Spruce	3	Pole/Sapling	6	
Hemlock	13	Pole	8	
Red Maple	42	Log/Pole	10	117
Basswood	4	Log/Pole	10	
Northern White Cedar	21	Pole	8	
Sugar Maple	9	Log/Pole	10	
Yellow Birch	8	Log/XLog	14	

Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	Low	5 - 10 feet	Sapling
Balsam Fir	Full	10 - 20 feet	Sapling

As stand transitions to the south more hemlock, cedar and balsam fir. Being along the river there are some swales and wet pockets.

10/1/2018 TI This stand was cut as part of Noyo Trees Sale #41-004-15-01. TCR Date 8/10/2018.

74 4191 - Mixed Upland Deciduous with Conifer Poletimber Well 24.3 33 81-110 N/A

Stand was harvested.

Canopy Species	% Cover	Size Class	DBH	Age
Quaking Aspen	35	Pole/Sapling	5	33
Balsam Fir	30	Pole/Sapling	5	
Red Maple	5	Sapling/Pole	4	
Yellow Birch	5	Sapling	2	
White Spruce	10	Pole/Sapling	5	
Paper Birch	15	Pole	6	

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	Medium	5 - 10 feet	Sapling
White Spruce	Low	5 - 10 feet	Sapling

75 6124 - Lowland Spruce-Fir Poletimber Poor 8.8 34 141-170 N/A

Stand is submerchantable saplings and poles. Some scattered merchantable trees.

Canopy Species	% Cover	Size Class	DBH	Age
Northern White Cedar	30	Sapling	4	
Bigtooth Aspen	15	Sapling/Pole	4	
Paper Birch	5	Pole	6	
Black Spruce	20	Sapling	4	
Balsam Fir	30	Pole	6	34

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	High	5 - 10 feet	Sapling

76 6129 - Mixed Coniferous Lowland Forest Poletimber Poor 15.3 75 81-110 N/A

2023_ stand is healthy. Lots small trees-

Canopy Species	% Cover	Size Class	DBH	Age
Balsam Fir	30	Pole	6	
White Spruce	15	Log/Pole	10	
White Pine	10	Log/XLog	14	
Northern White Cedar	35	Pole/Log	8	75
Quaking Aspen	10	Pole	6	

Sub-Canopy Species	Density	Avg. Height	Size
White Spruce	Medium	5 - 10 feet	Sapling
Quaking Aspen	Low	5 - 10 feet	Sapling
Balsam Fir	High	10 - 20 feet	Sapling



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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77 42380 - Non Pine Upland Conifer, Mixed Deciduous Sapling Medium 13.1 5 Immature N/A 2023 - Stand is regenerating nicely. Maple is 4 feet, with conifers over a foot.

Canopy Species	% Cover	Size Class	DBH	Age
White Pine	5	Pole	10	
Northern White Cedar	5	Pole	8	
Red Maple	20	Sapling	2	5
Paper Birch	5	Sapling	2	
Balsam Fir	30	Sapling/Pole	4	5
Tamarack	5	Sapling	1	
White Spruce	25	Sapling	2	
Quaking Aspen	5	Sapling	2	

78 6129 - Mixed Coniferous Lowland Forest Poletimber Medium 41.1 95 111-140 N/A 2023 - Stand is healthy. Adjacent stands are not tall enough to harvest. Stand is very low.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Paper Birch	5	Pole	8		Red Maple	Low	5 - 10 feet	Sapling
Black Spruce	35	Pole	10	95	Balsam Fir	Medium	10 - 20 feet	Sapling
White Spruce	5	Pole	10		Tag Alder	Medium	5 - 10 feet	Tall Shrub
Northern White Cedar	20	Pole	10		Tamarack	Medium	5 - 10 feet	Sapling
Tamarack	35	Pole	10					

79 6132 - Mixed Lowland Forest with Cedar Sawtimber Medium 25.4 92 81-110 N/A 2022 - Low ground. Lots of cedar and grass.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Hemlock	5	Pole	8		Tag Alder	Low	5 - 10 feet	Tall Shrub
Balsam Fir	10	Pole	6		Black Ash	Low	5 - 10 feet	Sapling
Black Ash	25	Pole	6					
Red Maple	15	Pole	8	92				
Northern White Cedar	40	Log/Pole	10	92				
Sugar Maple	5	Pole	8					

80 4191 - Mixed Upland Deciduous with Conifer Sawtimber Well 20.7 92 81-110 N/A 2022 This stand is difficult to access. Low ground on west side.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black Ash	15	Pole	6		Sugar Maple	Low	5 - 10 feet	Sapling
Sugar Maple	30	Log	14	92	Wild Red Raspberry	Low	5 - 10 feet	Tall Shrub
Red Maple	5	Log/Pole	10		Beech	Medium	5 - 10 feet	Sapling
Swamp White Oak	15	Log	14					
Hemlock	5	Log/Pole	10					
Northern White Cedar	15	Pole	8					
Yellow Birch	15	Log	14					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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81 6224 - Treed Bog Nonstocked 3.5 0 No 2022 - Delineated this low ground stand. Heavy grass and sedge.

Sub-Canopy Species	Density	Avg. Height	Size
Green Ash	Low	10 - 20 feet	Pole
Northern White Cedar	Low	10 - 20 feet	Pole

82 4134 - Aspen, Spruce/Fir Poletimber Medium 15.5 24 51-80 N/A

Canopy Species	% Cover	Size Class	DBH	Age
Paper Birch	15	Pole	8	
White Spruce	5	Pole	6	
Yellow Birch	5	Pole	8	
Quaking Aspen	40	Pole/Sapling	5	24
Balsam Fir	15	Pole/Sapling	6	24
Red Maple	10	Pole	6	24
Sugar Maple	10	Pole	6	

Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	Medium	5 - 10 feet	Sapling
Tag Alder	Medium	5 - 10 feet	Tall Shrub

83 6129 - Mixed Coniferous Lowland Forest Poletimber Medium 2.4 91 81-110 N/A

[3/26/19] Stand was cut as part of Pink Timber Doodle Sale # 41-003-15-01. TCR Date 3/4/2019.

2023 - This is retention patch from harvest in stand 36.

Canopy Species	% Cover	Size Class	DBH	Age
Balsam Fir	10	Pole/Sapling	6	
Black Spruce	15	Pole/Sapling	6	
White Spruce	20	Pole/Sapling	6	
Tamarack	25	Pole/Log	8	
Northern White Cedar	30	Pole/Log	8	91

84 4115 - Y.Birch, Hemlock NH Sawtimber Well 21.3 92 111-140 N/A

2023 - stand can be harvested. concerned beech in understory. leave hemlock and cedar. In the north there were few logs and to the south more ash, cedar, balsam fir, and red maple.

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	55	Log	14	92
Yellow Birch	15	Log	14	
Northern White Cedar	5	Pole	8	
Hemlock	5	Log/Pole	10	
Black Ash	15	Pole	6	
Red Maple	5	Log/Pole	10	

Sub-Canopy Species	Density	Avg. Height	Size
Beech	Medium	5 - 10 feet	Sapling
Wild Red Raspberry	Low	5 - 10 feet	Tall Shrub
Sugar Maple	Low	5 - 10 feet	Sapling



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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85 4199 - Other Mixed Upland Deciduous Sawtimber Well 7.1 92 111-140 N/A 2023 - Stand is lower than adjacent stand so will be left as buffer along the river.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Yellow Birch	10	Log	14		Sugar Maple	Low	5 - 10 feet	Sapling
Black Ash	15	Pole	6		Beech	Medium	5 - 10 feet	Sapling
Sugar Maple	20	Log	14	92	Wild Red Raspberry	Low	5 - 10 feet	Tall Shrub
Bur Oak	15	Log/XLog	16					
American Elm	10	Log	14					
Basswood	15	XLog/Log	18					
Northern White Cedar	5	Pole	8					
Red Maple	10	Log/Pole	10					

86 4191 - Mixed Upland Deciduous with Conifer Sawtimber Well 8.3 92 81-110 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black Ash	15	Pole	6		Wild Red Raspberry	Low	5 - 10 feet	Tall Shrub
Hemlock	5	Log/Pole	10		Beech	Medium	5 - 10 feet	Sapling
Swamp White Oak	15	Log	14		Sugar Maple	Low	5 - 10 feet	Sapling
Sugar Maple	30	Log	14	92				
Red Maple	5	Log/Pole	10					
Yellow Birch	15	Log	14					
Northern White Cedar	15	Pole	8					

87 4191 - Mixed Upland Deciduous with Conifer Poletimber Medium 8.5 70 81-110 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Bigtooth Aspen	25	Pole	8	70	Sugar Maple	Low	5 - 10 feet	Sapling
White Spruce	10	Pole/Sapling	6		Balsam Fir	Low	5 - 10 feet	Sapling
Red Maple	15	Pole/Sapling	6					
Northern White Cedar	5	Pole	8					
Yellow Birch	15	Pole	8					
Paper Birch	10	Pole	8					
Balsam Fir	20	Pole	8					

88 4191 - Mixed Upland Deciduous with Conifer Sawtimber Medium 7.6 117 111-140 N/A 2023- Stand is healthy. This is mostly peninsula and is not able to be harvested due to accessibility and BMP's.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Bur Oak	10	Log/Pole	10		Red Maple	Low	5 - 10 feet	Sapling
Sugar Maple	10	Log/Pole	10		Balsam Fir	Full	10 - 20 feet	Sapling
Red Maple	30	Log/Pole	10	117				
Northern White Cedar	5	Pole	8					
Balsam Fir	30	Pole	8					
Hemlock	5	Pole	8					

As stand transitions to the south more hemlock, cedar and balsam fir. Being along the river there are some swales and wet pockets.



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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89 4119 - Mixed Northern Hardwoods Sawtimber Medium 8.7 95 81-110 N/A

2023 - This was originally set up as part of Evinrude hardwood, which was never cut. However, delineating out this part of the stand, should make it possible to harvest with other stands in this compartment. It is higher ground than other stands along the river.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black Ash	5	Pole	6	95	Tag Alder	Medium	5 - 10 feet	Tall Shrub
Red Maple	30	Pole	8	95	Red Maple	Medium	5 - 10 feet	Sapling
Paper Birch	10	Pole	8		Balsam Fir	Low	5 - 10 feet	Sapling
Sugar Maple	20	Log/Pole	10		Black Ash	Low	5 - 10 feet	Sapling
White Oak	10	Log/Pole	10					
Yellow Birch	10	Log/Pole	12					
Balsam Fir	15	Pole/Sapling	6					