



Compartment Review Presentation

Atlanta Forest Management Unit

Compartment 54125

Entry Year 2025

Acreage: 4,424

County Presque Isle

Management Area: Presque Isle Lake and Till Plains

Stand Examiner: Cole Michaud

Legal Description:

T33N R2E SEC. 27, 28, 29, 33, 34, 35& 36. T33N R3E SEC. 31 & 32.

Identified Planning Goals:

Kirtland's Warbler Management and other wildlife habitat. Several recreational snowmobile trails, ORV trails, and the High Country Pathway are all present in this compartment.

Soil and topography:

Grayling Sands on outwash plains on southern portion of compartment. Rolling hills have better quality soils moving northwest. The Tomahawk drainage is associated with organic soils, and glacially filled sinkholes are associated with wet sands.

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

Mostly surrounded by state land with the Canada Creek Ranch hunt club to the east. There is a no camping designation from a Director's Order near the flooding outside of the designated campground.

Unique Natural Features:

There are at least two sinkholes. Many wildlife species including the Kirtland's Warbler, Loon, Osprey, and Bald Eagle may be found here. Dry site prairie plants and animals as well. Hill's Thistle and Alleghany Plum are found here.

Archeological, Historical, and Cultural Features:

There are known concerns within the compartment. All proposed management activities have taken these concerns into consideration.

Special Management Designations or Considerations:

Several Kirtland's Warbler management units are found here. This bird is an endangered species, and has its own management plan. Recent harvest activities have altered the view of the landscape some.

Watershed and Fisheries Considerations:

Multiple cuts planned near Tomahawk Flooding, best management practices near the riparian should be maintained, selective cuts could be used if warranted in the riparian (stand 56)

Wildlife Habitat Considerations:

This compartment is within the Clear Lake Kirtland's Warbler Management Area and Kirtland's warbler is a featured species for which early successional jack pine is critical to breeding success. Young jack pine also benefits white-tailed deer and snowshoe hare, which are also featured species here. Ruffed grouse are also found in the aspen cover types. Management should be consistent with the Kirtland's Warbler Management Plan.

Mineral Resource and Development Concerns and/or Restrictions

Surface sediments consist of coarse-textured glacial till. The glacial drift thickness varies between 100 and 200 feet. Beneath the glacial drift is the Devonian Traverse Group. The Traverse is quarried for clay/shale and limestone/cement products near Alpena. The nearest gravel pit is located one mile to the northwest and potential should be good. This area has had limited drilling for Silurian Guelph (Niagaran) Reefs, with production occurring to the northwest. Additional drilling is possible but unlikely. The Antrim Shale is not present. The entire Compartment is leased for oil and gas development

Vehicle Access:

Vehicle access is very good.

Survey Needs:

No surveys needed at this time.

Recreational Facilities and Opportunities:

The Tomahawk campground is located within this compartment as well as a DNR boat launch. There are several ORV trails throughout the compartment. Fishing and hunting are popular activities as well as bird watching for the Osprey and

Eagles.

Fire Protection:

Adequate. Large scale immature-mature jackpine plantations exist within this compartment.

Additional Compartment Information:

The following reports from the Inventory are attached:

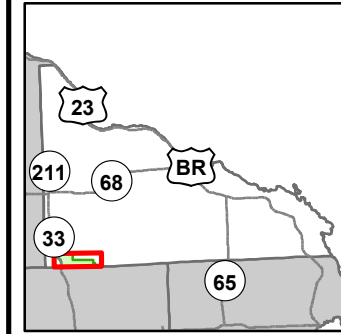
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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**

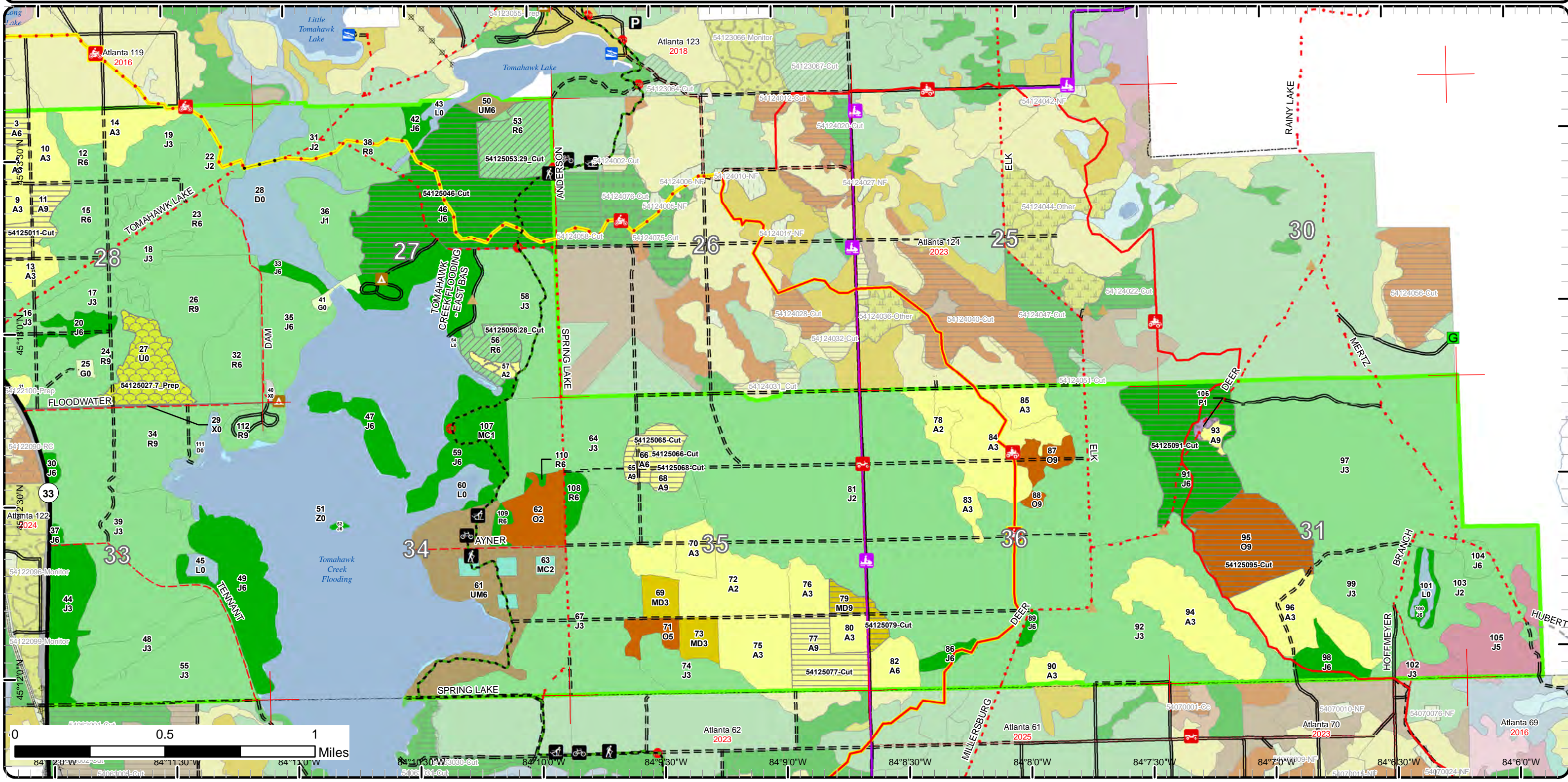
Cover Type & Treatments Map

Compartment: 125
 T33N, R02E, Sec: 27-29, 33-36
 T33N, R03E, Sec. 31
 County: Presque Isle
 Unit: Atlanta
 Mgmt Area: Presque Isle Lake and Till Plains
 YOE: 2025
 Acres: 4423.7 GIS Calculated
 Examiner: Cole Michaud
 Map Revised: 6/12/2023
 Map Phase: Review

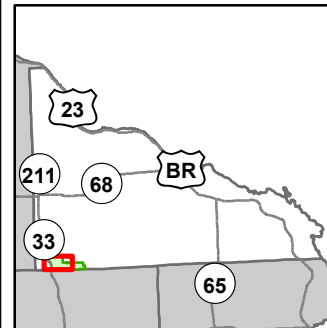


- Miris Corners
- Remonumented Section Corners
- Counties
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State Highway
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Private - Dirt / Gravel Road
- Hiking Trails
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- Sign
- Drain
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- Pipeline

- Powerline
- Fence
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- Thinning (Crown, Low, Systematic)
- Regeneration Survey
- Site Prep
- 412 - Oak Types
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 422 - Natural Pines
- 429 - Mixed Upland Conifers
- 430 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
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- 122 - Roads/Parking Lot
- 310 - Herbaceous Openland
- 330 - Low Density Trees
- 500 - Water
- 622 - Lowland Shrub

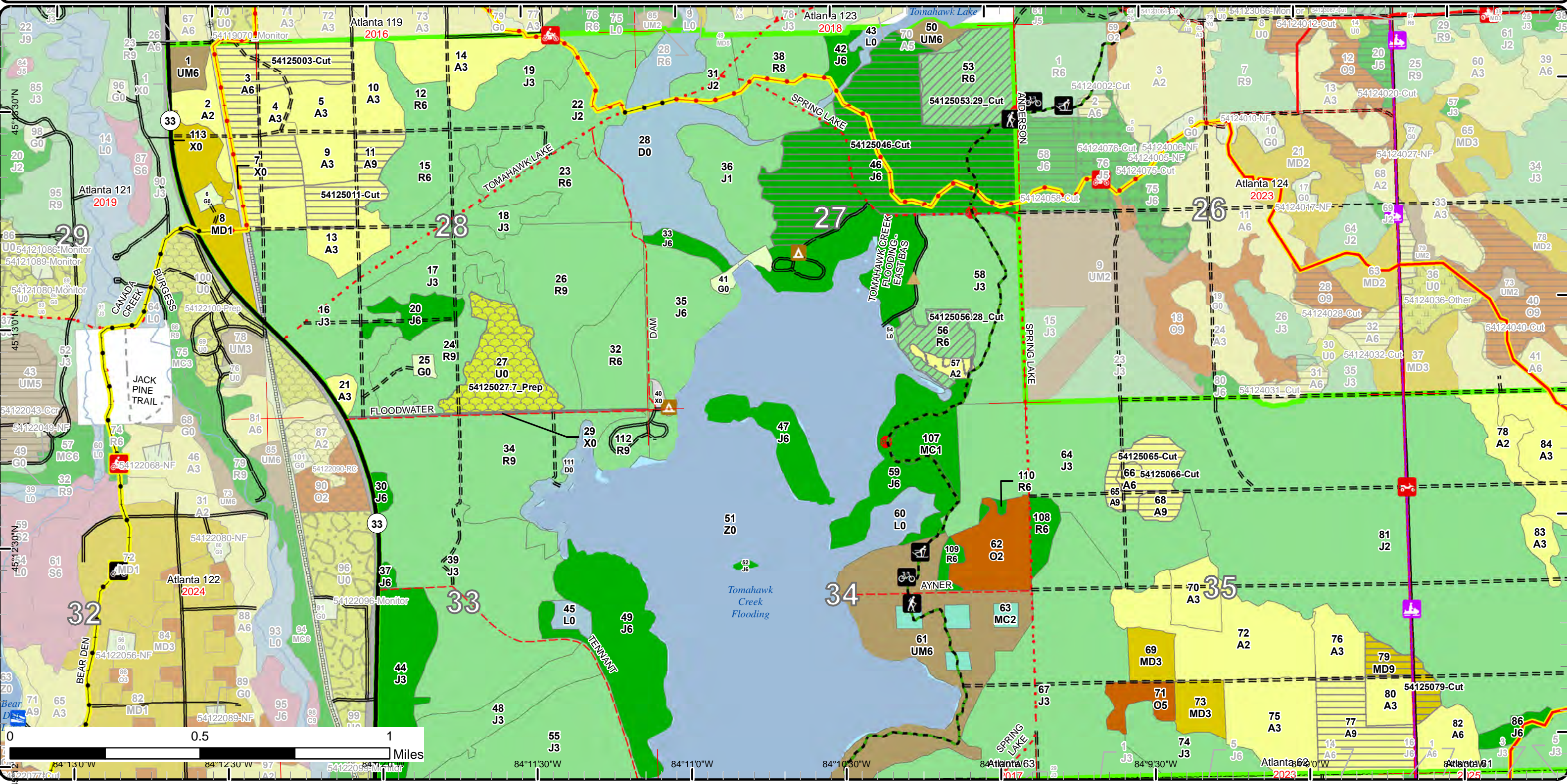


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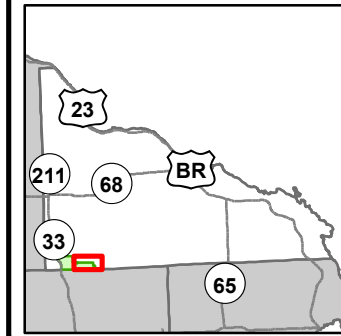
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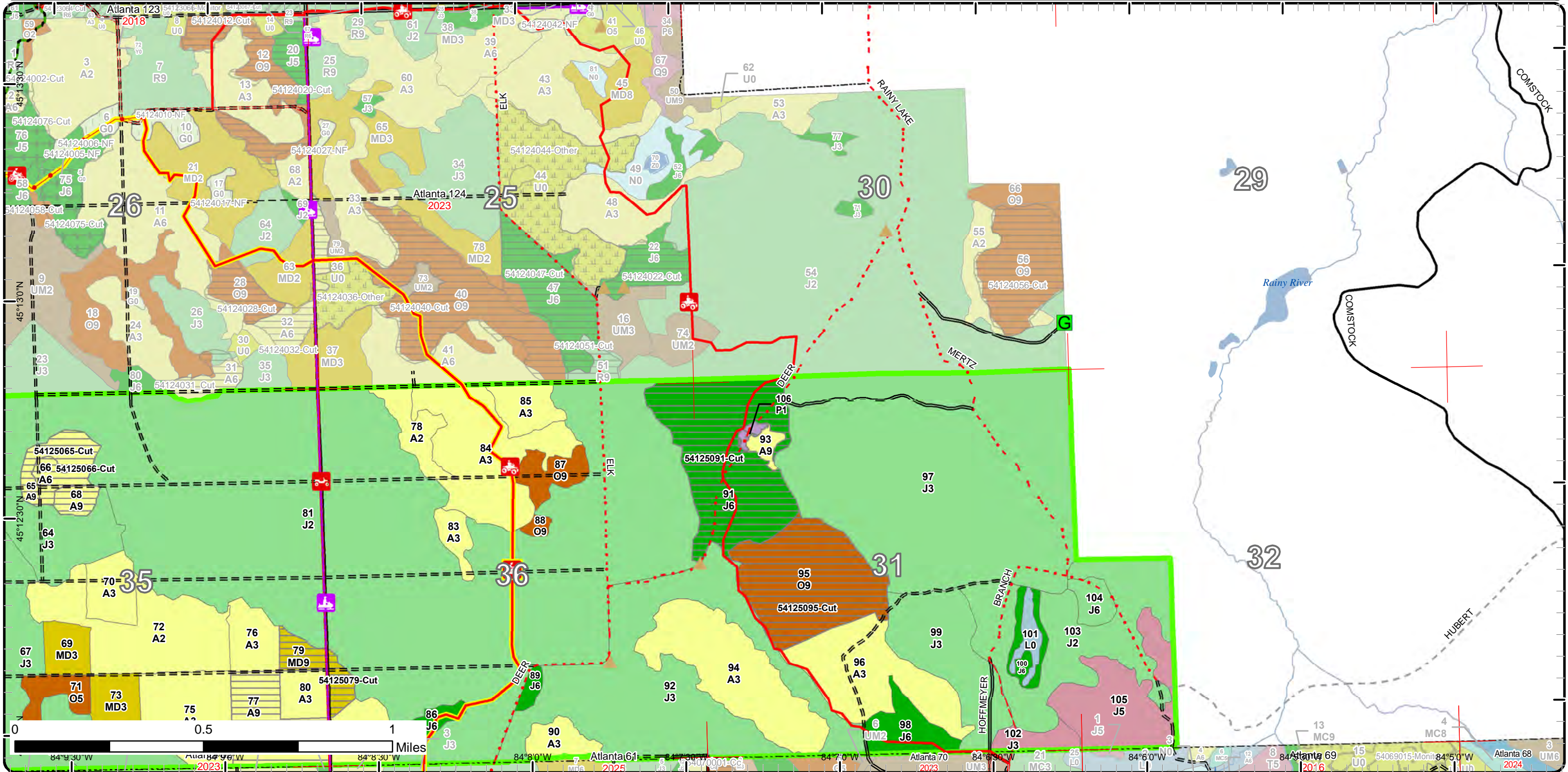


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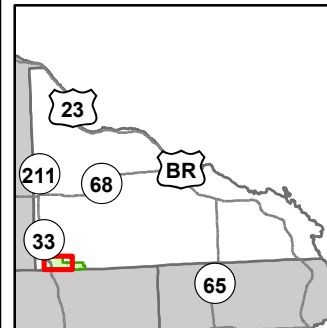


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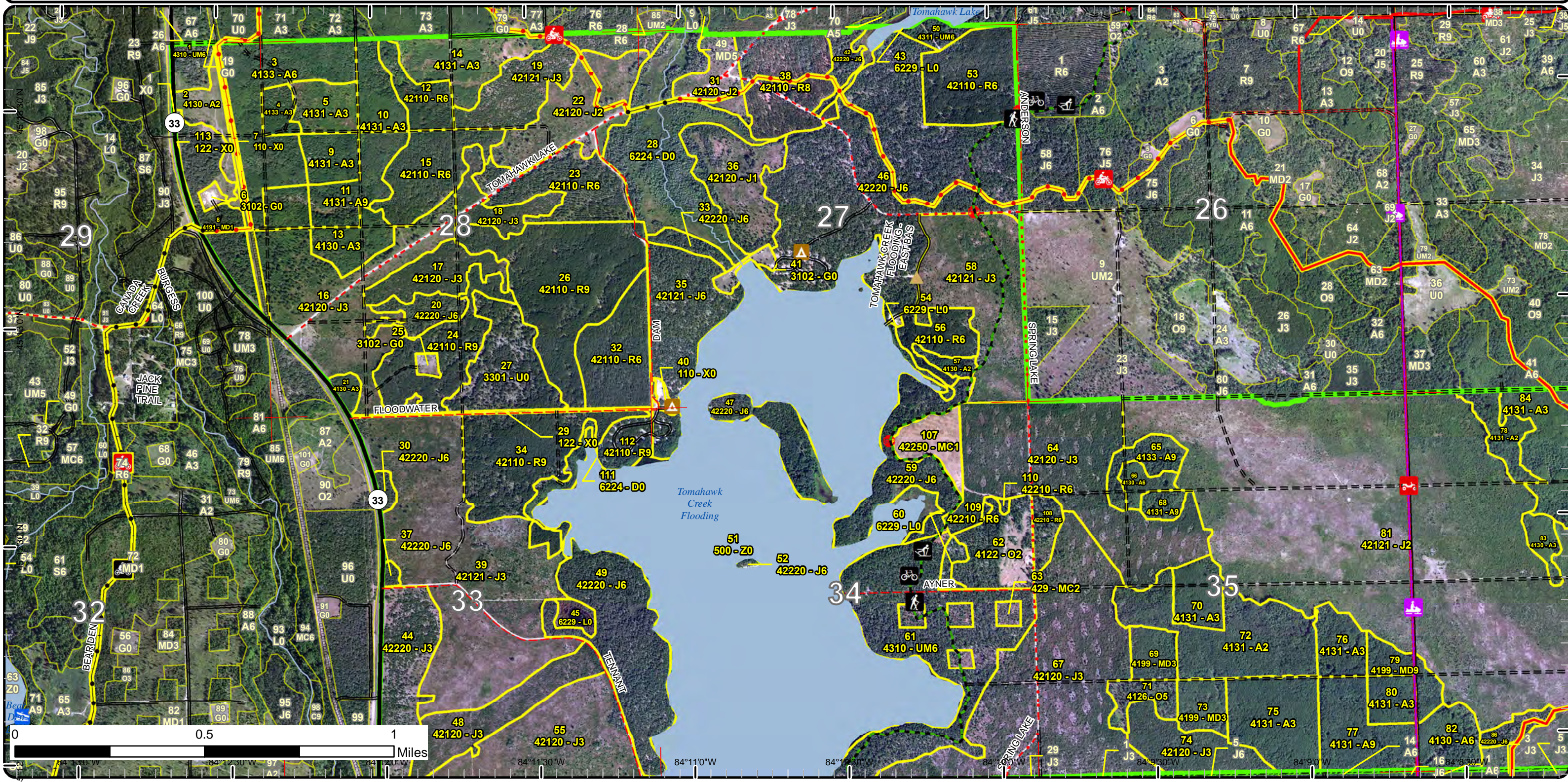
Stand Boundary Map

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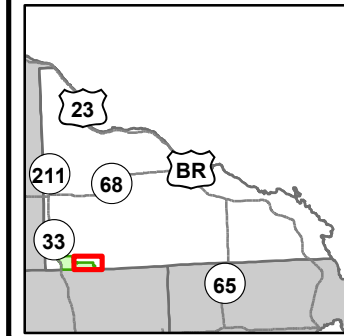
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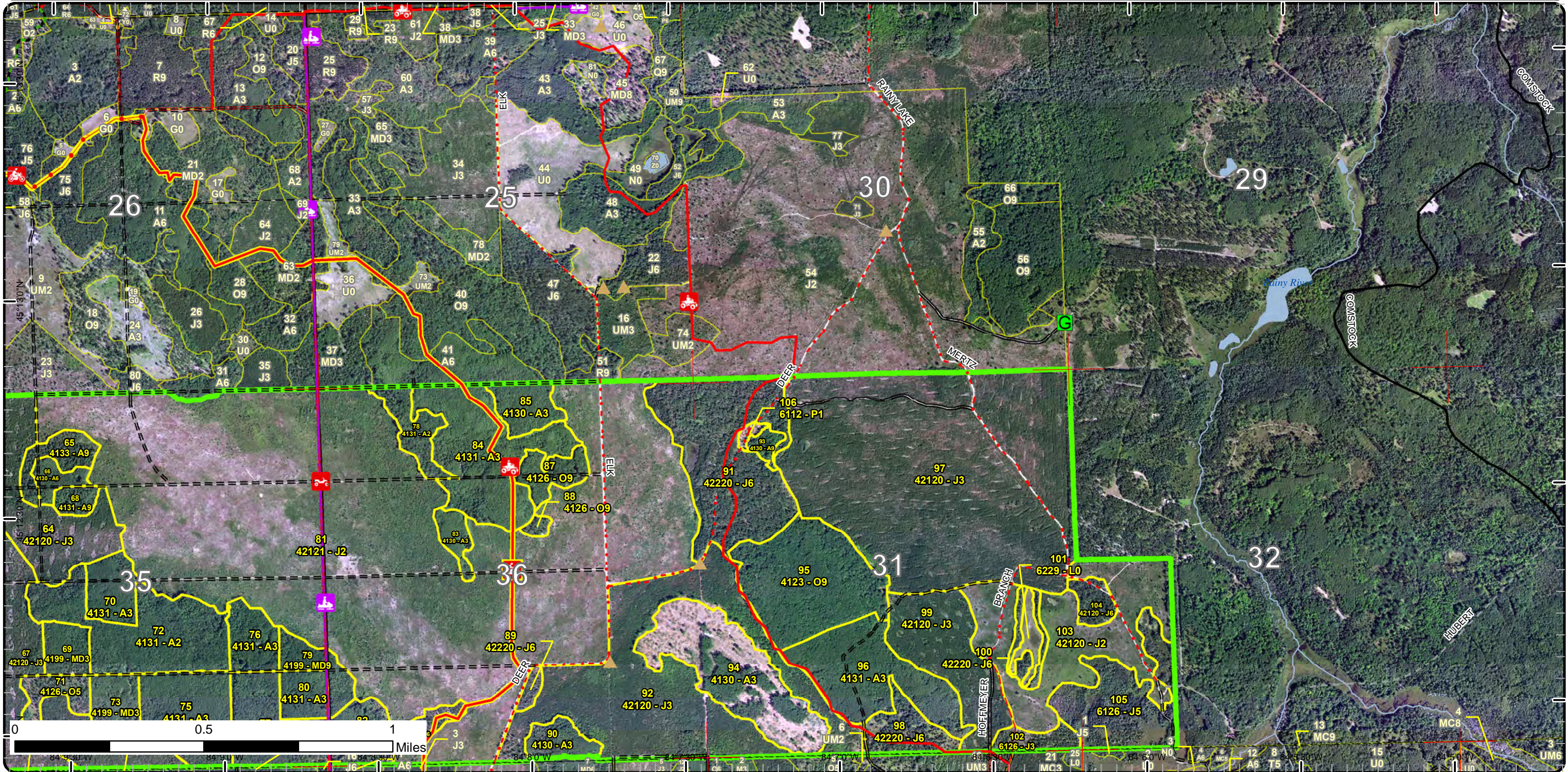


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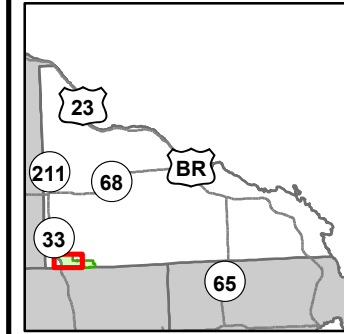


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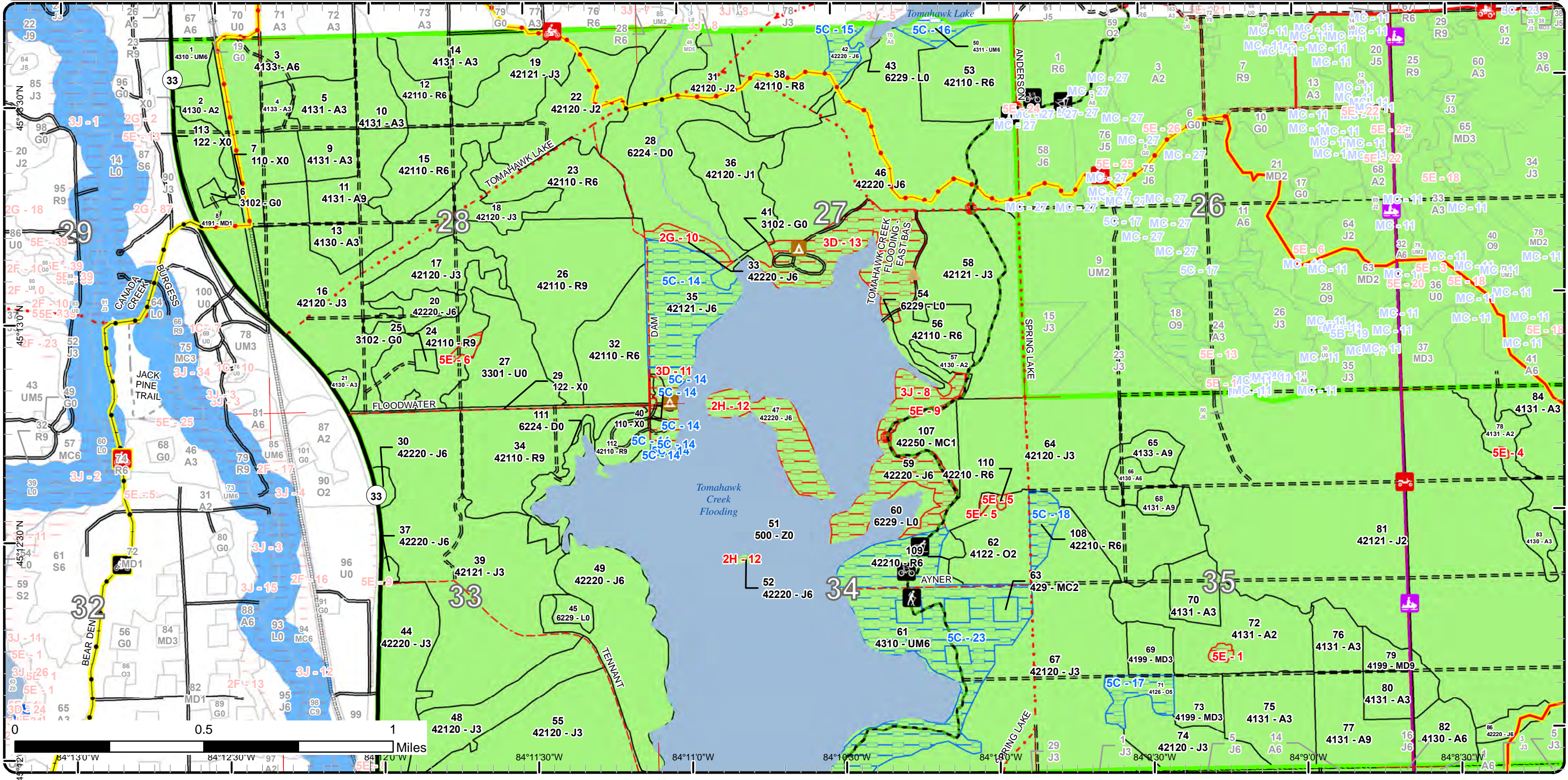


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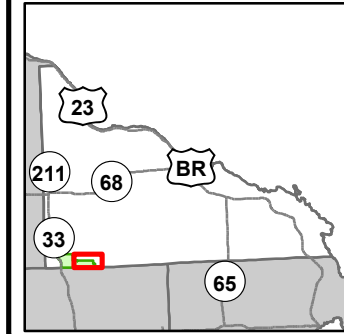


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- Available w/ Constraints
- 5C: Delay treatment for age/size class diversity or exceptional site quality
- Unavailable
- 2G: Too wet (sensitive soils, does not include access issues)
- 2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)
- 3D: Recreational / Scenic values
- 3J: Water quality / BMPs (stream, river, or lake)
- 5E: Long-Term Retention
- Stand Boundaries
- Kirtland Warbler Habitat
- Cold Water Streams
- High Priority Trout Stream Buffer

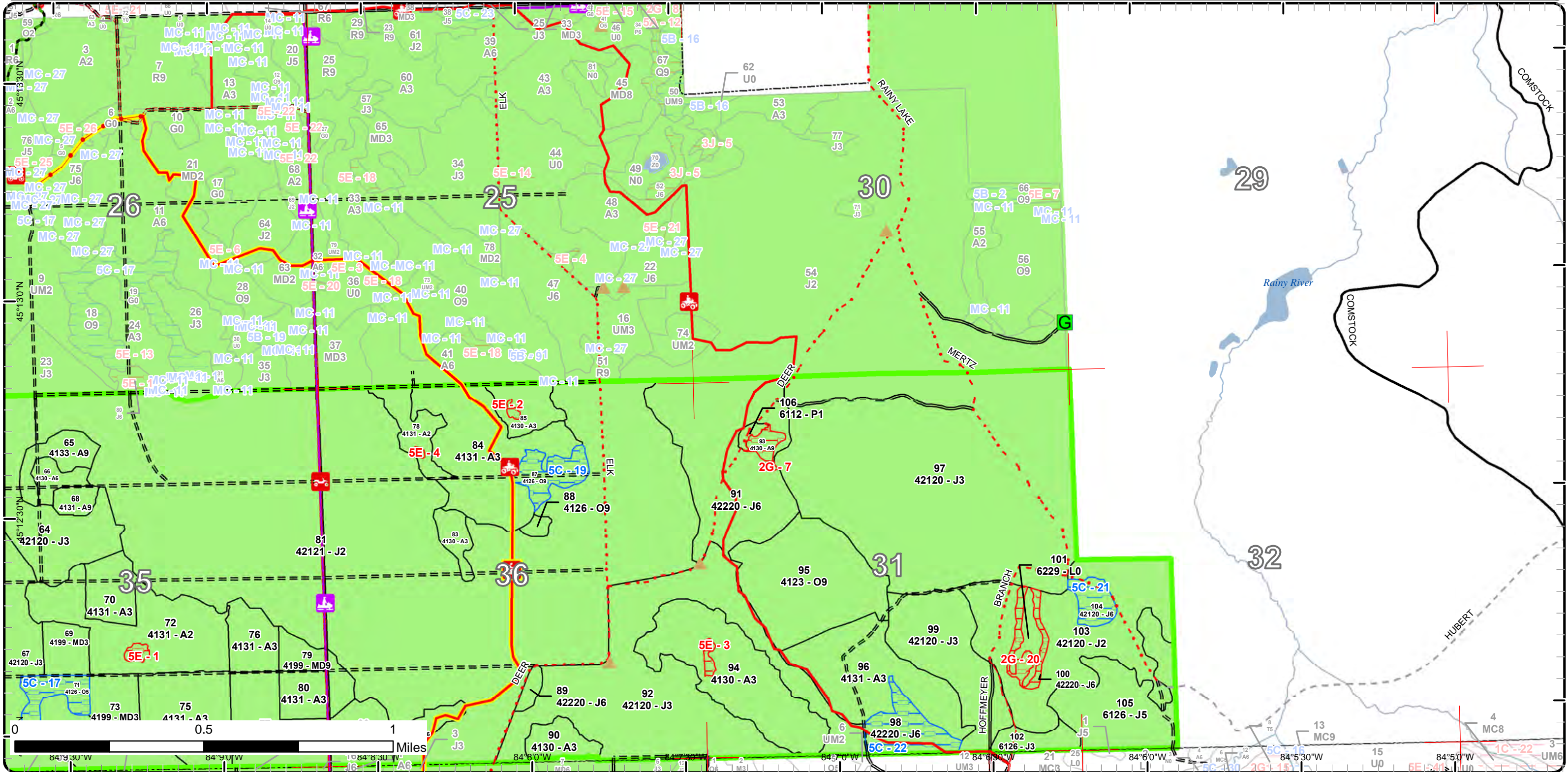


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- Unavailable
- Stand Boundaries
- Kirtland Warbler Habitat
- Cold Water Streams
- Cold Water Lakes



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	162	43	142	121	0	7	92	21	9	0	0	0	0	0	0	0	0	596
Herbaceous Openland	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
Jack Pine	0	0	1118	552	300	0	369	118	0	36	0	0	0	0	0	0	0	0	2493
Low-Density Trees	35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35
Lowland Aspen/Balsam Poplar	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Lowland Shrub	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32
Mixed Upland Deciduous	0	29	0	0	22	0	0	0	0	12	0	0	0	0	0	0	0	0	63
Natural Mixed Pines	0	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14
Oak	0	26	0	0	0	0	0	0	0	84	0	0	0	0	0	0	0	0	110
Red Pine	0	0	0	0	0	0	79	295	0	13	0	0	0	0	0	0	0	0	386
Treed Bog	77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	77
Upland Conifers	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
Upland Mixed Forest	0	0	0	0	0	0	0	8	0	97	0	0	0	0	0	0	0	0	105
Urban	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15
Water	478	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	478
Total	645	233	1171	694	443	0	455	513	21	251	0	0	0	0	0	0	0	0	4424



Report 2 – Treatment Summary

Atlanta Mgt. Unit

Year of Entry: 2025

Acres of Harvest

Compartment 125

Total Compartment Acres: 4,424

Commercial Harvest - 455
 Harvests with Site Condition - 0
 Next Step Harvest - 0
 Habitat Cut - 0

Cover Type by Harvest Method

	Clearcut	Selection	Patch Clearcut	Seed Tree	Shelterwood	Thinning	Overstory Removal	Salvage	Other	Total Acres
Aspen	125	0	0	0	0	0	0	0	0	125
Jack Pine	207	0	0	0	0	0	0	0	0	207
Mixed Upland Deciduous	12	0	0	0	0	0	0	0	0	12
Oak	60	0	0	0	0	0	0	0	0	60
Red Pine	0	0	0	0	51	0	0	0	0	51
Total	405	0	0	0	51	0	0	0	0	455

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	455	35	0	0	0	6	0	0	0	496
Next Step	0	414	241	0	35	922	0	0	0	1612
Total	455	448	241	0	35	928	0	0	0	2107



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

Proposed Treatments:

3	54125003-Cut	49.9	4133 - Aspen, Mixed Pine	Poletimber Well	65	111- 140	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
<p><u>Prescription</u> Clearcut with retention. 3-10%</p> <p><u>Specs:</u> use grouse spec add ORV protection specs use oak wilt spec</p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u> Acceptable regen can include: Aspen, maple, oak, and mixed conifer that meet minimum stocking requirements.</p> <p><u>Other Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2024</p>											
11	54125011-Cut	21.0	4131 - Aspen, Oak	Sawtimber Well	76	111- 140	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
<p><u>Prescription</u> Clearcut with retention. 3-10%</p> <p><u>Specs:</u> use grouse spec use oak wilt spec</p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u> Acceptable regen can include: Aspen, maple, oak, and mixed conifer that meets minimum stocking requirements.</p> <p><u>Other Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2024</p>											
46	54125046-Cut	130.4	42220 - Natural Jack Pine	Poletimber Well	59	81-110	Harvest	Clearcut with Retention	42220 - Natural Jack Pine	Even-Aged	No
<p><u>Prescription</u> Clearcut with retention 3-10%</p> <p><u>Specs:</u> use oak wilt spec use recreation trail protection specs</p> <p><u>Next Step</u> Monitoring, Natural Regen (Intermediate); SitePrep, Trenching; Planting, Initial Plant; SitePrep, Scarification; Monitoring, Artificial</p> <p><u>Treatments:</u> Regen(1yr); Monitoring, Artificial Regen(3yr)</p> <p><u>Acceptable Regen:</u> Acceptable regen can include: Jack pine, oak, and mixed conifer that meets minimum stocking requirements. If regen fails trench and plant jack pine.</p> <p><u>Other Comment:</u> Potential for early start date to FY24.</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2024</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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65	54125065-Cut	11.5	4133 - Aspen, Mixed Pine	Sawtimber Well	63	111-140	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
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Prescription Clearcut with retention. 3-5%
Specs: use grouse spec

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

Acceptable Regen: Acceptable regen can include: aspen, maple, oak, and mixed conifer that meets minimum stocking requirements.

Other Comment: When sale is closed out, merge stands 65,66, and 68 into one stand.

Site Condition

Proposed Start Date: 10/1 /2024

66	54125066-Cut	6.7	4130 - Aspen	Poletimber Well	52	111-140	Harvest	Clearcut	413 - Aspen	Even-Aged	No
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Prescription Clearcut with no retention due to stand being small in size.
Specs: use grouse spec

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

Acceptable Regen: Acceptable regen can include: Aspen, maple, oak, and mixed conifer that meets minimum stocking requirements.

Other Comment: When sale is closed, merge stands 65, 66, and 68 into one stand.

Site Condition

Proposed Start Date: 10/1 /2024

68	54125068-Cut	5.2	4131 - Aspen, Oak	Sawtimber Well	83	81-110	Harvest	Clearcut	413 - Aspen	Even-Aged	No
-----------	---------------------	-----	-------------------	----------------	----	--------	---------	----------	-------------	-----------	----

Prescription Clearcut with no retention due to stand being small in size.
Specs: Use grouse spec

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

Acceptable Regen: Acceptable regen can include: Aspen, maple oak, and mixed conifer that meets minimum stocking requirements.

Other Comment: When sale gets closed, merge stands 65, 66, and 68 into one stand.

Site Condition

Proposed Start Date: 10/1 /2024



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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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77	54125077-Cut	30.9	4131 - Aspen, Oak	Sawtimber Well	67	141-170	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
-----------	---------------------	------	-------------------	----------------	----	---------	---------	-------------------------	-------------	-----------	----

Prescription Clearcut with retention. 3-10%

Specs: use grouse spec
use oak wilt specs
use recreation trail protection specs

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Acceptable regen can include:

Regen: Aspen, maple, oak, and mixed conifer that meets minimum stocking requirements.

Other

Comment:

Site Condition

Proposed Start Date: 10/1 /2024

79	54125079-Cut	12.2	4199 - Other Mixed Upland Deciduous	Sawtimber Well	80	141-170	Harvest	Clearcut with Retention	4191 - Mixed Upland Deciduous with Conifer	Even-Aged	No
-----------	---------------------	------	-------------------------------------	----------------	----	---------	---------	-------------------------	--	-----------	----

Prescription Clearcut with retention. 3-5%

Specs: Use oak wilt specs
Use recreation trail protection specs

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Acceptable regen can include:

Regen: Aspen, maple, oak, and mixed conifer that meets minimum stocking requirements.

Other

Comment:

Site Condition

Proposed Start Date: 10/1 /2024

91	54125091-Cut	76.5	42220 - Natural Jack Pine	Poletimber Well	66	141-170	Harvest	Clearcut with Retention	4222 - Natural Jack Pine	Even-Aged	No
-----------	---------------------	------	---------------------------	-----------------	----	---------	---------	-------------------------	--------------------------	-----------	----

Prescription Clearcut with retention. 3-10%

Specs: Use oak wilt specs
Use ORV trail protection specs

Next Step Monitoring, Natural Regen (Intermediate); SitePrep, Trenching; SitePrep, Scarification; Planting, Initial Plant; Monitoring, Artificial

Treatments: Regen(1yr); Monitoring, Artificial Regen(3yr)

Acceptable Acceptable regen can include:

Regen: Jack pine, oak, minor component of aspen and maple, and mixed conifer that meets minimum stocking requirements.

Other

Comment:

Site Condition

Proposed Start Date: 10/1 /2024



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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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95	54125095-Cut	60.3	4123 - Red Oak	Sawtimber Well	81	111-140	Harvest	Clearcut with Retention	4131 - Aspen, Oak	Even-Aged	No
-----------	---------------------	------	----------------	----------------	----	---------	---------	-------------------------	-------------------	-----------	----

Prescription Clearcut with retention. 3-10%

Specs: Use oak wilt specs
use ORV trail protection specs

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Acceptable regen can include:

Regen: Aspen, oak, maple, and mixed conifer that meet minimum stocking requirements.

An oak dominant stand is also acceptable..

Other

Comment:

Site Condition

Proposed Start Date: 10/1 /2024

Approved Treatments:

27	54125027.7_P rep	34.5	3301 - Low Density Deciduous Trees	Nonstocked	0		SitePrep	Trenching	42110 - Planted Red Pine	Even-Aged	No
-----------	-------------------------	------	------------------------------------	------------	---	--	----------	-----------	--------------------------	-----------	----

Prescription -trench

Specs: C54-1151

Next Step Pesticide, Skidder - Site Prep; Planting, Initial Plant; Monitoring, Artificial Regen(1yr); Monitoring, Herbicide Use; Monitoring, Artificial

Treatments: Regen(3yr)

Acceptable Acceptable regen is of a medium to well stocked red pine

Regen:

Other -clearcut complete 4/7/20

Comment:

Site Condition

Proposed Start Date: 10/1 /2022

53	54125053.29_Cut	35.0	42110 - Planted Red Pine	Poletimber Well	66	111-140	Harvest	Systematic Thinning	42110 - Planted Red Pine	Even-Aged	No
-----------	------------------------	------	--------------------------	-----------------	----	---------	---------	---------------------	--------------------------	-----------	----

Prescription third row thin. powerline along northwest corner. Stand was not cut in previous sale and needs to be set up and sold again along with stand

Specs: 56 to the south

Next Step

Treatments:

Acceptable Planted red pine, unsuppressed by deciduous competition.

Regen:

Other Percent to Treat = 100%

Comment:

Site Condition

Proposed Start Date: 10/1 /2021



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
56 54125056.28_Cut	15.8	42110 - Planted Red Pine	Poletimber Well	61	141-170	Harvest	Systematic Thinning	42120 - Planted Jack Pine	Even-Aged	No
<p><u>Prescription</u> third row thin. powerline along northwest corner. Stand was not cut in previous sale and needs to be set up and sold again along with stand</p> <p><u>Specs:</u> 53 to the north. Use ORV trail and pathway spec. Use Kirtland's warbler habitat spec.</p> <p><u>Next Step</u></p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u></p> <p><u>Other</u> Percent to Treat = 100%</p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2021</p>										
57 54125057.38_Monitor	4.2	4130 - Aspen	Sapling Medium	5	Immature	Monitoring	Natural Regen (Re-Inventory)	4131 - Aspen, Oak	Even-Aged	No
<p><u>Prescription</u> check regen during next Inventory YOE</p> <p><u>Specs:</u></p> <p><u>Next Step</u></p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u> Acceptable regen can be of a medium to well stocked aspen, oak, or pine stand.</p> <p><u>Other</u> Percent to Treat = 100%</p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2022</p>										
106 54125106_Monitor	1.7	6112 - Lowland Aspen	Sapling Poor	6	Immature	Monitoring	Natural Regen (Re-Inventory)	4130 - Aspen	Even-Aged	No
<p><u>Prescription</u> Check Regen during next inventory YOE</p> <p><u>Specs:</u></p> <p><u>Next Step</u></p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u> Due to no acceptable regeneration present in next steps, assuming acceptable regen is a combination of aspen and other mixed deciduous</p> <p><u>Other</u> Percent to Treat = 100%</p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2022</p>										

Total Treatment Acreage Proposed: 495.8

Report 4 – Site Conditions

Atlanta Mgt. Unit
Cole Michaud : Examiner

Compartment: 125
Year of Entry: 2025

Availability for Management

Total	Acres	Acres Avail	Acres
Acres	Available	With Condition	Not Available

Dominant Site Conditions

	596	588	0	8	Aspen	Dominant Site Conditions					
						5C	2G	2H	3D	3J	5E
	8	8	0	0	Herbaceous Openland		4			0	4
	2493	2301	68	124	Jack Pine	68	13	23	52	34	1
	35	35	0	0	Low-Density Trees						0
	2	2	0	0	Lowland Aspen/Balsam Poplar		0				
	32	32	0	0	Lowland Shrub						
	64	64	0	0	Mixed Upland Deciduous						
	14	14	0	0	Natural Mixed Pines					0	0
	110	89	21	0	Oak	21					0
	386	375	8	3	Red Pine	8			0		3
	77	77	0	0	Treed Bog						
	10	10	0	0	Upland Conifers						
	105	8	97	0	Upland Mixed Forest	97					
	15	13	0	2	Urban				2		
	478	478	0	0	Water				0		
	4,424	4,092	194	137	Total Forested Acres	194	17	23	55	34	8
		92%	4%	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	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
2	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Atlanta Mgt. Unit
Cole Michaud : Examiner

Compartment: 125
Year of Entry: 2025

3	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
4	Unavailable	5E: Long-Term Retention	0	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
5	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments: area retention for stand 62							
6	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments: -area retention for stand 27 (adjacent clearcut stand to the east)							
7	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
8	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	34	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
9	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments: area retention for stand 59							

Report 4 – Site Conditions

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Cole Michaud : Examiner

Compartment: 125
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10	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
11	Unavailable	3D: Recreational / Scenic values	12	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Tomahawk Flooding Campground							
12	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	23	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
13	Unavailable	3D: Recreational / Scenic values	43	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Tomahawk Flooding Campground.							
14	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	37	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Treat stand with adjacent red pine.							
15	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Delay treatment to treat with adjacent red pine.							

Report 4 – Site Conditions

Atlanta Mgt. Unit
Cole Michaud : Examiner

Compartment: 125
Year of Entry: 2025

16	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Leave for age class diversity.							
17	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	10	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Leave for age class diversity.							
18	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	8	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Leave for age class diversity							
19	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	11	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Leave for age class diversity.							
20	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Atlanta Mgt. Unit
Cole Michaud : Examiner

Compartment: 125
Year of Entry: 2025

21	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	8	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
22	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	16	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Leave for age class diversity.							
23	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	91	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Mgt. Unit

Compartment: #Type!

Year of Entry:



Report 5 – PROPOSED SPECIAL CONSERVATION AREA* (SCA) DETAILS

* This is a partial list of SCAs for this compartment. Not included are those areas identified under other Department initiatives (Natural Rivers, Deer Wintering Areas, etc.). Those will be identified in separate, future map and report products.

SCA Name	SCA Category	Detail Type	Recommendation	Acres
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Comments



Report 6 – EXISTING SPECIAL CONSERVATION AREA DETAILS

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

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

Conservation Area	Type	Description
SCA	Cold Water Stream	A coldwater stream has temperature and dissolved oxygen conditions that allow naturally-reproduced or stocked trout populations and those of other coldwater fish species (e.g., slimy sculpin) to persist from year to year. Coldwater streams in Michigan typically provide these conditions due to substantial contributions of groundwater to their stream flows. Such streams are established by Director's action and designated as trout resources by Fisheries Order 210.
SCA	Riparian Area	A transitional area between aquatic and terrestrial ecosystems in which the terrestrial ecosystem influences the aquatic ecosystem and vice-versa. Because of the unique conditions adjacent to lakes, streams and open water wetlands, riparian areas harbor a high diversity of plants and wildlife. Riparian communities are ecologically and socially significant in their effects on water quality and quantity, as well as aesthetics, habitat, bank stability, timber production, and their contribution to overall biodiversity.
HCVA	Designated Critical Habitat	Critical habitat areas are established via a consultative and cooperative process between the DNR and the U.S. Fish and Wildlife service for the recovery of threatened and endangered species, as governed by Part 365, Endangered Species Protection, of the Natural Resources and Environmental Protection Act, 1994 PA 451, and the Federal Endangered Species Act of 1973. This is an active program, with proposed species plans in various stages of review. As of now only two exist, Kirtland Warbler Habitat and Piping Plover Habitat.



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
1	4310 - Pine, Oak Mix	Poletimber Well	7.8	62	51-80	N/A	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Northern Pin Oak		20	Pole	8		Jack Pine	
Jack Pine		50	Pole	8	62	White Pine	
Quaking Aspen		30	Pole	8		Northern Pin Oak	
						Density	
						Avg. Height	
						Size	
2	4130 - Aspen	Sapling Medium	11.8	5	Immature	N/A	Accpetable regen can be of medium to well stocked aspen, or pine. cut winter 2018.
Canopy Species		% Cover	Size Class	DBH	Age		
Quaking Aspen		85	Sapling	1	5		
White Pine		5	Sapling	2			
Red Maple		5	Sapling	1			
Red Oak		5	Sapling	1			
3	4133 - Aspen, Mixed Pine	Poletimber Well	49.9	65	111-140	N/A	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Northern Pin Oak		15	Pole/Log	8		Northern Pin Oak	
White Pine		10	Pole	6		White Pine	
Bigtooth Aspen		45	Pole/Log	9	65	Red Maple	
Red Pine		10	Log/Pole	12			
Quaking Aspen		20	Pole	6			
						Density	
						Avg. Height	
						Size	
4	4133 - Aspen, Mixed Pine	Sapling Well	7.1	24	Immature	N/A	
Canopy Species		% Cover	Size Class	DBH	Age		
Red Maple		4	Sapling	1			
White Oak		7	Sapling	3			
White Pine		12	Sapling	4			
Bigtooth Aspen		45	Sapling	2	24		
Jack Pine		9	Sapling	3			
Northern Pin Oak		23	Sapling	3			
5	4131 - Aspen, Oak	Sapling Well	14.4	15	Immature	N/A	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
White Pine		3	Sapling	2		Blackberry/Raspberry	
Red Maple		10	Sapling	1		Medium	
White Oak		22	Sapling	1		< 5 feet	
Quaking Aspen		40	Sapling	1	15	Tall Shrub	
Northern Pin Oak		25	Sapling	1			
6	3102 - Grass	Nonstocked	2.1				



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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7 110 - Low Intensity Urban Nonstocked 8.4

8 4191 - Mixed Upland Deciduous with Conifer Sapling Poor 29.3 5 Immature N/A Accpetable regen can be of medium to well stocked aspen, or pine. Find out how many scots pine volunteers spring up. cut winter 2018.

Canopy Species	% Cover	Size Class	DBH	Age
White Oak	5	Sapling	1	
Red Maple	10	Sapling	1	
Jack Pine	3	Sapling	1	
Quaking Aspen	30	Sapling	1	5
Red Pine	3	Sapling	2	
Red Oak	30	Sapling	1	
White Pine	19	Sapling/Pole	3	

9 4131 - Aspen, Oak Sapling Well 12.2 24 Immature N/A

Canopy Species	% Cover	Size Class	DBH	Age
White Pine	3	Sapling	2	
Bigtooth Aspen	47	Sapling	2	24
Jack Pine	5	Sapling	1	
Northern Pin Oak	35	Sapling	2	
Red Maple	10	Sapling	1	

10 4131 - Aspen, Oak Sapling Well 15.2 24 Immature N/A

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	15	Sapling	2	
Bigtooth Aspen	45	Sapling	3	24
Northern Pin Oak	30	Sapling	3	
White Pine	5	Sapling	2	
Jack Pine	5	Sapling	1	

11 4131 - Aspen, Oak Sawtimber Well 21.0 76 111-140 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Northern Pin Oak	15	Log/Pole	10		Red Maple	Low	< 5 feet	Sapling
White Oak	10	Pole	8		White Oak	Low	Variable	Sapling
White Pine	5	Pole/Sapling	5		Northern Pin Oak	Low	Variable	Sapling
Bigtooth Aspen	70	Log/Pole	11	76				

12 42110 - Planted Red Pine Poletimber Well 14.2 56 111-140 N/A Has been first row thinned.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Pine	97	Pole	6	56	Northern Pin Oak	Low	< 5 feet	Sapling
Red Oak	3	Pole	8		Red Pine	Low	< 5 feet	Sapling
					White Oak	Low	< 5 feet	Sapling



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																								
13	4130 - Aspen	Sapling Well	23.3	24	Immature	N/A																																									
<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>Jack Pine</td> <td>3</td> <td>Sapling</td> <td>2</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>2</td> <td>Sapling</td> <td>2</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>90</td> <td>Sapling</td> <td>3</td> <td>24</td> </tr> <tr> <td>White Pine</td> <td>5</td> <td>Sapling</td> <td>2</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Jack Pine	3	Sapling	2		Red Pine	2	Sapling	2		Bigtooth Aspen	90	Sapling	3	24	White Pine	5	Sapling	2		<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>Northern Pin Oak</td> <td>Low</td> <td>< 5 feet</td> <td>Sapling</td> </tr> <tr> <td>Red Pine</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Jack Pine</td> <td>Medium</td> <td>< 5 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Northern Pin Oak	Low	< 5 feet	Sapling	Red Pine	Low	Variable	Sapling	Jack Pine	Medium	< 5 feet	Sapling			
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Red Pine	2	Sapling	2																																												
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Jack Pine	Medium	< 5 feet	Sapling																																												
14	4131 - Aspen, Oak	Sapling Well	28.3	15	Immature	N/A	Scattered w. and j. pine.																																								
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Bigtooth Aspen	60	Sapling	2	15																																											
15	42110 - Planted Red Pine	Poletimber Well	30.0	51	111-140	N/A	Has been third row thinned.																																								
<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 Oak</td> <td>5</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>95</td> <td>Pole</td> <td>8</td> <td>51</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Oak	5	Pole	8		Red Pine	95	Pole	8	51	<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>Red Pine</td> <td>Low</td> <td>< 5 feet</td> <td>Sapling</td> </tr> <tr> <td>Red Oak</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Pine	Low	< 5 feet	Sapling	Red Oak	Medium	Variable	Sapling																	
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Red Pine	Low	< 5 feet	Sapling																																												
Red Oak	Medium	Variable	Sapling																																												
16	42120 - Planted Jack Pine	Sapling Well	77.1	13	1-50	N/A	Pole size oak left after harvest. Sap oak and pockets of j. pine are natural recruits.																																								
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20	42220 - Natural Jack Pine	Poletimber Well	11.6	50	Unspecified	N/A	Some blow down in stand.																																								
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21	4130 - Aspen	Sapling Well	3.9	24	Immature	N/A	Natural recruit from clear cut. Adjacent stands are planted jack pine.																																								
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22	42120 - Planted Jack Pine	Sapling Medium	41.4	13	Immature	N/A																																									
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23	42110 - Planted Red Pine	Poletimber Well	34.3	50	111-140	N/A																																									
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24	42110 - Planted Red Pine	Sawtimber Well	34.5	67	111-140	N/A	-3rd row thin complete 5/27/19 -look up residual BA in sale documents during re-inventory, no record due to stay-at-home order/working from home																																								
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25	3102 - Grass	Nonstocked	2.2			No																																									



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																												
26	42110 - Planted Red Pine	Sawtimber Well	73.7	66	111-140	N/A	-take 2 leave 3 row thin complete 7/29/20 -look up residual BA in sale documents during re-inventory, no record due to stay-at-home order/working from home																												
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27	3301 - Low Density Deciduous Trees	Nonstocked	34.7	0		No	-clearcut complete 4/7/20-scheduled to be planted to RP-1/4 mile from tomahawk campground																												
28	6224 - Treed Bog	Nonstocked	68.9			No																													
29	122 - Road/Parking Lot	Nonstocked	3.2			No																													
30	42220 - Natural Jack Pine	Poletimber Well	3.0	67	81-110	N/A	Left as retention or buffer along road from adjacent final harvest.																												
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31	42120 - Planted Jack Pine	Sapling Medium	16.3	13	1-50	N/A	Barely 3' tall. (previous inventory) Now anywhere between 5 and 15 feet tall. scattered oak and red pine also.																												
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32	42110 - Planted Red Pine	Poletimber Well	32.6	67	81-110	N/A	-take 2 leave 3 row thin complete 5/27/19 -look up residual BA in sale documents during re-inventory, no record due to stay-at-home order/working from home																												
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33	42220 - Natural Jack Pine	Poletimber Well	5.9	69	81-110	N/A	Stand slopes down towards wetland. Tag alder located primarily there.																												
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments		
34	42110 - Planted Red Pine	Sawtimber Well	51.4	66	111-140	N/A	-3rd row thin complete 5/27/19 -look up residual BA in sale documents during re-inventory, no record due to stay-at-home order/working from home		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Northern Pin Oak		5	Pole/Sapling	6		Viburnum	Medium	< 5 feet	Tall Shrub
Red Pine		95	Log	12	66	Red Oak	Low	Variable	Sapling
35	42121 - Planted Jack Pine, Mixed Deciduous	Poletimber Well	46.8	58	81-110	N/A	Buffers lake from road.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Northern Pin Oak		30	Pole/Sapling	6		Viburnum	High	< 5 feet	Tall Shrub
White Pine		10	Sapling/Pole	4					
Jack Pine		60	Pole/Sapling	6	58				
36	42120 - Planted Jack Pine	Sapling Poor	35.4	13	Immature	N/A			
Canopy Species		% Cover	Size Class	DBH	Age				
Red Maple		2	Sapling	2					
Bigtooth Aspen		2	Sapling	2					
Northern Pin Oak		2	Pole	5					
Northern Pin Oak		10	Sapling	2					
Jack Pine		84	Sapling	2	13				
37	42220 - Natural Jack Pine	Poletimber Well	1.8	67	81-110	N/A	Left as retention or to buffer road from adjacent clear cuts.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Northern Pin Oak		20	Pole/Log/Sap	6		Viburnum	Medium	< 5 feet	Tall Shrub
Jack Pine		80	Pole/Log/Sap	7	67				
38	42110 - Planted Red Pine	Sawtimber Medium	39.3	66	111-140	N/A	Third row thin 6/2016.		
Canopy Species		% Cover	Size Class	DBH	Age				
Jack Pine		2	Pole	5					
Red Pine		98	Log/Pole	10	66				
39	42121 - Planted Jack Pine, Mixed Deciduous	Sapling Well	149.1	13	Immature	N/A	Lots of natural jack pine recruits. Oak doing well.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Jack Pine		70	Sapling	1	13	Sweet Fern	High	< 5 feet	Tall Shrub
Choke Cherry		3	Sapling	1					
Northern Pin Oak		25	Sapling	1					
Red Pine		2	Sapling	1					
40	110 - Low Intensity Urban	Nonstocked	2.1			No	Boat launch and parking lot.		



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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41 3102 - Grass Nonstocked 4.0 No

42 42220 - Natural Jack Pine Poletimber Well 6.8 59 81-110 N/A

Canopy Species	% Cover	Size Class	DBH	Age
Bigtooth Aspen	2	Pole	6	
Jack Pine	85	Pole	8	59
Northern Pin Oak	10	Pole/Log	9	
Balsam Fir	3	Pole/Sapling	6	

43 6229 - Mixed lowland shrub Nonstocked 5.2 No

44 42220 - Natural Jack Pine Sapling Well 40.6 32 1-50 N/A Buffer along road.

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	2	Sapling	3	
Bigtooth Aspen	3	Sapling	2	
Red Pine	2	Sapling	4	
Jack Pine	73	Sapling	4	32
Northern Pin Oak	20	Sapling	3	

45 6229 - Mixed lowland shrub Nonstocked 4.8 No

46 42220 - Natural Jack Pine Poletimber Well 173.3 59 81-110 N/A Some blowdown.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Pine	2	Pole/Sapling	5		Red Pine	Low	Variable	Sapling
Northern Pin Oak	10	Pole	6		Northern Pin Oak	High	< 5 feet	Sapling
Bigtooth Aspen	3	Pole	8		Jack Pine	Low	Variable	Sapling
Quaking Aspen	2	Pole	6					
Jack Pine	83	Pole/Sap/Log	6	59				

47 42220 - Natural Jack Pine Poletimber Well 22.0 55 51-80 N/A

Canopy Species	% Cover	Size Class	DBH	Age
Jack Pine	80	Pole	5	55
Northern Pin Oak	12	Pole	5	
Red Maple	3	Sapling	2	
White Oak	5	Pole	5	



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																						
48	42120 - Planted Jack Pine	Sapling Well	32.7	26	Immature	N/A																																																							
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Canopy Species	% Cover	Size Class	DBH	Age																																																									
Northern Pin Oak	5	Sapling	3																																																										
Jack Pine	95	Sapling	2	26																																																									
49	42220 - Natural Jack Pine	Poletimber Well	61.4	57	81-110	N/A	Aspen sprouted due to adjacent clear cut and is most common on the south side of the stand along tennent highway.																																																						
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size																																																					
Jack Pine	85	Pole	8	57	Jack Pine	Low	< 5 feet	Sapling																																																					
Northern Pin Oak	5	Pole/Sapling	6		Red Oak	Medium	Variable	Sapling																																																					
Bigtooth Aspen	10	Sapling/Pole	4		Viburnum	Medium	< 5 feet	Tall Shrub																																																					
					White Pine	Low	Variable	Sapling																																																					
					Red Pine	Low	Variable	Sapling																																																					
50	4311 - Pine, Aspen Mix	Poletimber Well	6.4	82	81-110	N/A	Stand has powerline that runs through it. Acts as a buffer along the riparian zone. Slopes down towards the lake.																																																						
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size																																																					
Jack Pine	30	Pole/Log	8		Red Maple	Low	Variable	Sapling																																																					
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Paper Birch	10	Pole	7																																																										
Red Pine	10	Log	14																																																										
Balsam Fir	5	Sapling/Pole	3																																																										
51	500 - Water	Nonstocked	477.7																																																										
52	42220 - Natural Jack Pine	Poletimber Well	1.4	55	51-80	N/A																																																							
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Canopy Species	% Cover	Size Class	DBH	Age																																																									
Jack Pine	80	Pole	5	55																																																									
White Oak	5	Pole/Sapling	5																																																										
Northern Pin Oak	15	Pole	5																																																										
53	42110 - Planted Red Pine	Poletimber Well	36.6	66	111-140	N/A																																																							
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Canopy Species	% Cover	Size Class	DBH	Age																																																									
Northern Pin Oak	5	Pole	6																																																										
Jack Pine	5	Pole	6																																																										
Red Pine	90	Pole	7	66																																																									
54	6229 - Mixed lowland shrub	Nonstocked	3.2			No																																																							



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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55	42120 - Planted Jack Pine	Sapling Well	65.4	14	Immature	N/A	Planted in 2009 to jack pine.
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Canopy Species	% Cover	Size Class	DBH	Age
Red Pine	1	Log	11	
Bigtooth Aspen	3	Sapling	2	
Jack Pine	90	Sapling	1	14
Red Oak	5	Sapling	1	
Red Oak	1	Log	11	

56	42110 - Planted Red Pine	Poletimber Well	16.2	61	141-170	N/A	
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Canopy Species	% Cover	Size Class	DBH	Age
Northern Pin Oak	5	Pole	7	
Red Pine	90	Pole/Log	8	61
Jack Pine	5	Pole	6	

Sub-Canopy Species	Density	Avg. Height	Size
Viburnum	Full	< 5 feet	Tall Shrub
Choke Cherry	Low	Variable	Tall Shrub

57	4130 - Aspen	Sapling Medium	4.2	5	Immature	N/A	
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Canopy Species	% Cover	Size Class	DBH	Age
Quaking Aspen	80	Sapling	1	5
Black Cherry	1	Sapling	1	
White Pine	2	Pole/Log	9	
Red Pine	1	Sapling	1	
Red Oak	15	Sapling	1	
Jack Pine	1	Sapling	1	

58	42121 - Planted Jack Pine, Mixed Deciduous	Sapling Well	65.2	15	Immature	N/A	
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Canopy Species	% Cover	Size Class	DBH	Age
Red Pine	2	Log	15	
Jack Pine	78	Sapling	1	15
Northern Pin Oak	20	Sapling	1	

59	42220 - Natural Jack Pine	Poletimber Well	36.1	81	81-110	N/A	Stand is along shoreline. Pockets of heavier oak and aspen. Inlet along south of stand creates a good wetland/forest edge. Buffers lake.
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Canopy Species	% Cover	Size Class	DBH	Age
White Oak	5	Log/Pole	12	
Quaking Aspen	5	Pole	8	
Northern Pin Oak	10	Log/Pole	11	
Jack Pine	80	Pole/Log	9	81

Sub-Canopy Species	Density	Avg. Height	Size
Jack Pine	Low	Variable	Sapling
Northern Pin Oak	Low	Variable	Sapling

60	6229 - Mixed lowland shrub	Nonstocked	13.0			No	
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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61	4310 - Pine, Oak Mix	Poletimber Well	91.0	83	81-110	N/A	New stand added. Has five spot cut within stand.
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Canopy Species	% Cover	Size Class	DBH	Age
Northern Pin Oak	40	Log/Pole	10	83
Jack Pine	38	Pole/Log	9	
White Pine	2	Pole/Sapling	5	
White Oak	5	Log	12	
Red Pine	15	Log	11	

Sub-Canopy Species	Density	Avg. Height	Size
Jack Pine	Low	Variable	Sapling
Northern Pin Oak	Medium	Variable	Sapling
White Pine	Low	Variable	Sapling
Red Pine	Medium	Variable	Sapling

62	4122 - Oak, Pine	Sapling Medium	26.2	5	Immature	N/A	
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Canopy Species	% Cover	Size Class	DBH	Age
Red Pine	10	Sapling	1	
Red Oak	70	Sapling	1	5
Jack Pine	20	Sapling	1	

63	429 - Mixed Upland Conifers	Sapling Medium	9.9	17	Immature	N/A	
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Canopy Species	% Cover	Size Class	DBH	Age
Bigtooth Aspen	5	Sapling	1	
Northern Pin Oak	35	Sapling	1	
Balsam Fir	15	Sapling	1	
White Pine	5	Sapling	3	
Jack Pine	40	Sapling	1	17

64	42120 - Planted Jack Pine	Sapling Well	104.6	26	Immature	N/A	Stand had Rx burn before planting.
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Canopy Species	% Cover	Size Class	DBH	Age
Northern Pin Oak	5	Sapling	1	
Red Maple	3	Sapling	1	
Jack Pine	91	Sapling	2	26
Bigtooth Aspen	1	Sapling	2	

65	4133 - Aspen, Mixed Pine	Sawtimber Well	11.5	63	111-140	N/A	Advanced regen.
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Canopy Species	% Cover	Size Class	DBH	Age
White Pine	2	Pole	5	
White Oak	20	Log	14	
Red Pine	10	Pole/Log	9	
Bigtooth Aspen	40	Log/Pole	10	63
Jack Pine	13	Pole	8	
Red Oak	15	Log/Pole	10	

Sub-Canopy Species	Density	Avg. Height	Size
Red Oak	Low	Variable	Sapling
White Oak	Low	Variable	Sapling
Red Maple	Low	Variable	Sapling
Jack Pine	High	10 - 20 feet	Sapling
Bigtooth Aspen	Low	Variable	Sapling



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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66 4130 - Aspen Poletimber Well 6.7 52 111-140 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Bigtooth Aspen	98	Pole/Log	8	52	Red Oak	Low	Variable	Sapling
Red Pine	2	Pole/Log	9		Red Maple	Low	Variable	Sapling
					White Oak	Low	Variable	Sapling

67 42120 - Planted Jack Pine Sapling Well 134.8 24 Immature N/A

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	5	Sapling	1	
Jack Pine	81	Sapling	2	24
Northern Pin Oak	11	Sapling	2	
Bigtooth Aspen	3	Sapling	1	

68 4131 - Aspen, Oak Sawtimber Well 5.2 83 81-110 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Bigtooth Aspen	68	Log/Pole	12	83	White Oak	Low	Variable	Sapling
White Oak	10	Log/Pole	12		White Pine	Low	Variable	Sapling
White Pine	1	Pole	5		Red Oak	Low	Variable	Sapling
Red Pine	1	Pole	6		Chokeberry	Medium	< 5 feet	Tall Shrub
Red Oak	20	Pole/Log	8		Red Maple	Medium	Variable	Sapling

69 4199 - Other Mixed Upland Deciduous Sapling Well 10.7 30 1-50 N/A

Canopy Species	% Cover	Size Class	DBH	Age
White Oak	30	Sapling	3	
Jack Pine	5	Sapling	4	
Bigtooth Aspen	35	Sapling	3	30
Black Cherry	10	Sapling	2	
Northern Pin Oak	10	Sapling	3	
Red Maple	10	Sapling	3	

70 4131 - Aspen, Oak Sapling Well 14.4 30 Immature N/A

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	8	Sapling	2	
White Oak	10	Sapling	2	
Red Oak	15	Sapling	3	
Jack Pine	4	Sapling	2	
Bigtooth Aspen	63	Sapling	4	30



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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71 4126 - White, Black, N. Pin Oak Poletimber Medium 10.0 80 1-50 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Northern Pin Oak	68	Pole	8	80	Jack Pine	Low	< 5 feet	Sapling
White Pine	2	Pole	8		White Pine	Low	Variable	Sapling
White Oak	30	Pole	6		Bigtooth Aspen	Medium	Variable	Sapling
					Northern Pin Oak	High	Variable	Sapling
					White Oak	High	10 - 20 feet	Sapling

72 4131 - Aspen, Oak Sapling Medium 53.5 6 Immature N/A

Canopy Species	% Cover	Size Class	DBH	Age
White Oak	10	Sapling	1	
Red Maple	25	Sapling	1	
Red Oak	20	Sapling	1	
Bigtooth Aspen	45	Sapling	1	6

73 4199 - Other Mixed Upland Deciduous Sapling Well 11.6 30 Immature N/A

Canopy Species	% Cover	Size Class	DBH	Age
Bigtooth Aspen	35	Sapling	2	30
Red Maple	10	Sapling	2	
Northern Pin Oak	10	Sapling	2	
White Oak	30	Sapling	2	
Black Cherry	10	Sapling	2	
Jack Pine	5	Sapling	2	

74 42120 - Planted Jack Pine Sapling Well 25.5 24 Immature N/A

Canopy Species	% Cover	Size Class	DBH	Age
Northern Pin Oak	7	Sapling	2	
Jack Pine	90	Sapling	3	24
Bigtooth Aspen	3	Sapling	2	

75 4131 - Aspen, Oak Sapling Well 34.6 36 1-50 N/A

Canopy Species	% Cover	Size Class	DBH	Age
Northern Pin Oak	10	Sapling	3	
Red Maple	10	Sapling	3	
White Oak	15	Sapling	3	
Bigtooth Aspen	63	Sapling	3	36
Northern Pin Oak	2	Log	10	



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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76 4131 - Aspen, Oak Sapling Well 14.1 24 1-50 N/A

Canopy Species	% Cover	Size Class	DBH	Age
White Oak	20	Sapling	2	
Bigtooth Aspen	47	Sapling	3	24
Red Maple	13	Sapling	2	
White Oak	2	Log	12	
Northern Pin Oak	18	Sapling	2	

77 4131 - Aspen, Oak Sawtimber Well 30.9 67 141-170 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	10	Pole	6		Northern Pin Oak	Medium	Variable	Sapling
White Oak	15	Log/Pole	11		White Oak	Low	< 5 feet	Sapling
Northern Pin Oak	30	Log/Pole	13	80	Serviceberry (Juneberry)	Low	Variable	Tall Shrub
Bigtooth Aspen	45	Log	12	67	Red Maple	Low	Variable	Sapling
					White Pine	Low	Variable	Sapling

78 4131 - Aspen, Oak Sapling Medium 13.0 6 Immature N/A

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	25	Sapling	1	
Bigtooth Aspen	50	Sapling	1	6
White Pine	5	Sapling	2	
White Oak	5	Sapling	1	
Red Oak	15	Sapling	1	

79 4199 - Other Mixed Upland Deciduous Sawtimber Well 12.2 80 141-170 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Oak	17	Log/Pole	12		Northern Pin Oak	Medium	Variable	Sapling
Bigtooth Aspen	30	Log/Pole	12		White Pine	Low	Variable	Sapling
Northern Pin Oak	40	Log/Pole	13	80	Red Pine	Low	Variable	Sapling
Red Maple	13	Pole	6		White Oak	Low	< 5 feet	Sapling
					Serviceberry (Juneberry)	Low	Variable	Tall Shrub

80 4131 - Aspen, Oak Sapling Well 10.4 24 1-50 N/A

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	13	Sapling	2	
White Oak	2	Log	12	
Bigtooth Aspen	47	Sapling	3	24
Northern Pin Oak	18	Sapling	2	
White Oak	20	Sapling	2	



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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81 42121 - Planted Jack Pine, Mixed Deciduous Sapling Medium 590.8 12 Immature N/A Stand swapped from Non-Forested to Forested.

Canopy Species	% Cover	Size Class	DBH	Age
Jack Pine	70	Sapling	1	12
Northern Pin Oak	14	Sapling	1	
Bigtooth Aspen	6	Sapling	2	
Red Maple	10	Sapling	1	

82 4130 - Aspen Poletimber Well 16.5 39 51-80 N/A

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	10	Sapling	3	
Red Pine	5	Pole	8	
White Oak	5	Sapling	3	
Bigtooth Aspen	70	Pole/Sapling	5	39
Northern Pin Oak	10	Sapling	3	

83 4130 - Aspen Sapling Well 6.9 36 1-50 N/A

Canopy Species	% Cover	Size Class	DBH	Age
Jack Pine	3	Sapling	2	
White Pine	3	Sapling	2	
Northern Pin Oak	10	Sapling	2	
Red Pine	4	Pole	6	
White Oak	5	Sapling	2	
Bigtooth Aspen	75	Sapling	3	36

84 4131 - Aspen, Oak Sapling Well 55.8 24 Immature N/A

Canopy Species	% Cover	Size Class	DBH	Age
Bigtooth Aspen	58	Sapling	3	24
Red Maple	10	Sapling	3	
Red Pine	2	Sapling	2	
Ironwood	5	Sapling	3	
Northern Pin Oak	10	Sapling	3	
White Oak	15	Sapling	3	

85 4130 - Aspen Sapling Well 12.9 6 Immature N/A

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	15	Sapling	1	
Red Oak	10	Sapling	1	
White Oak	3	Sapling	1	
Bigtooth Aspen	70	Sapling	1	6
Red Pine	2	Sapling	1	



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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86	42220 - Natural Jack Pine	Poletimber Well	6.4	38	51-80	N/A	Has been burned in the past. Some natural openings.
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Canopy Species	% Cover	Size Class	DBH	Age
Jack Pine	95	Pole/Sapling	5	38
Northern Pin Oak	5	Sapling	3	

87	4126 - White, Black, N. Pin Oak	Sawtimber Well	11.2	83	81-110	N/A	Camping spot for hunters. Aspen regen in pockets of open canopy.
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Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	10	Pole	7	
White Oak	30	Log/Pole	13	
Northern Pin Oak	45	Log/Pole	12	83
Bigtooth Aspen	15	Pole/Log	8	

Sub-Canopy Species	Density	Avg. Height	Size
White Oak	Low	Variable	Sapling
Northern Pin Oak	Medium	Variable	Sapling
White Pine	Low	Variable	Sapling
Bigtooth Aspen	Low	Variable	Sapling

88	4126 - White, Black, N. Pin Oak	Sawtimber Well	2.1	83	51-80	N/A	
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Canopy Species	% Cover	Size Class	DBH	Age
Red Pine	2	Log	12	
Jack Pine	3	Pole	7	
White Oak	22	Log/Pole	10	
Bigtooth Aspen	15	Pole/Sapling	7	
White Pine	3	Log/Pole	10	
Northern Pin Oak	55	Log/Pole	12	83

Sub-Canopy Species	Density	Avg. Height	Size
Northern Pin Oak	Medium	Variable	Sapling
Red Maple	Low	Variable	Sapling
White Oak	Low	Variable	Sapling
White Pine	Low	Variable	Sapling

89	42220 - Natural Jack Pine	Poletimber Well	3.1	56	111-140	N/A	Left as retention for adjacent clear cut.
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Canopy Species	% Cover	Size Class	DBH	Age
Northern Pin Oak	18	Pole	7	
Red Pine	10	Log	13	
White Pine	2	Pole/Sapling	5	
Jack Pine	70	Pole/Log	8	56

Sub-Canopy Species	Density	Avg. Height	Size
Red Pine	Low	5 - 10 feet	Sapling
Northern Pin Oak	Medium	< 5 feet	Sapling
Jack Pine	High	< 5 feet	Sapling

90	4130 - Aspen	Sapling Well	9.9	6	Immature	N/A	
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Canopy Species	% Cover	Size Class	DBH	Age
Bigtooth Aspen	80	Sapling	1	6
Red Maple	10	Sapling	1	
Red Oak	5	Sapling	1	
Black Cherry	5	Sapling	1	

91	42220 - Natural Jack Pine	Poletimber Well	76.5	66	141-170	N/A	Surrounding stands have all been cut/planted.
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Canopy Species	% Cover	Size Class	DBH	Age
Jack Pine	90	Pole	8	66
Red Pine	3	Pole	8	
Bigtooth Aspen	2	Sapling/Pole	4	
Northern Pin Oak	5	Pole/Log	9	

Sub-Canopy Species	Density	Avg. Height	Size
White Oak	Low	Variable	Sapling
Northern Pin Oak	Low	Variable	Sapling
Jack Pine	Medium	< 5 feet	Sapling
Bigtooth Aspen	Low	Variable	Sapling



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																						
92	42120 - Planted Jack Pine	Sapling Well	129.6	24	Immature	N/A																																																							
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93	4130 - Aspen	Sawtimber Well	3.7	83	51-80	N/A	Pocket of aspen surrounded by jack pine plantings. Previous inventory states stand is used by wildlife for cover/food. Rotten heartwood hard to get a good core for age.																																																						
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95	4123 - Red Oak	Sawtimber Well	60.3	81	111-140	N/A	New stand added.																																																						
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96	4131 - Aspen, Oak	Sapling Well	48.3	35	1-50	N/A																																																							
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100	42220 - Natural Jack Pine	Poletimber Well	7.0	61	51-80	N/A	Left as buffer around wetland. DO NOT CUT. (Comment from previous inventory cycle)																																					
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101	6229 - Mixed lowland shrub	Nonstocked	5.7			No																																						
102	6126 - Lowland Jack Pine	Sapling Well	8.2	29	1-50	N/A	Lowland in most of stand but some high sand ridges.																																					
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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105 6126 - Lowland Jack Pine Poletimber Medium 42.8 57 51-80 N/A Some blow down. Very Wet! L type in understory. Tag alder in pockets in areas that are wetter.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Pine	2	Log	12		Tag Alder	High	< 5 feet	Tall Shrub
Tamarack	25	Sapling/Pole	4		Leatherleaf	Full	< 5 feet	Tall Shrub
White Pine	10	Sapling/Pole	4					
Jack Pine	53	Pole/Sapling	5	57				
Black Spruce	10	Pole	7					

106 6112 - Lowland Aspen Sapling Poor 1.7 6 Immature N/A Pocket of aspen surrounded by jack pine plantings. Previous inventory states stand is used by wildlife for cover/food. Rotten heartwood hard to get a good core for age.

Canopy Species	% Cover	Size Class	DBH	Age
Quaking Aspen	85	Sapling	1	6
Red Oak	2	Sapling	1	
Red Maple	10	Sapling	2	
Beech	1	Sapling	1	
White Oak	2	Sapling	1	

107 42250 - Pine, Oak Sapling Poor 14.2 4 Immature N/A This is a second variance to deviate from the planted red pine agreed upon in the first variance. Variance approved with the following language on 2/16/2023:

Canopy Species	% Cover	Size Class	DBH	Age
Red Oak	35	Sapling	1	
Jack Pine	65	Sapling	1	4

Accept the natural regeneration due to it being determined impractical to plant isolated stands of this small size and shape/stands in close proximity to wetlands. Perform a natural regeneration survey during the next inventory cycle. Que up a current treatment for a re-inventory regeneration survey. Perform a natural regeneration survey during the next inventory cycle. Acceptable regeneration is any low to high stocking of native deciduous and/or coniferous tree species.

Stand is along shoreline. Pockets of heavier oak and aspen. Inlet along south of stand creates a good wetland/forest edge. Buffers lake.

108 42210 - Natural Red Pine Poletimber Well 7.8 86 51-80 N/A Leave for age class diversity.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Northern Pin Oak	15	Pole	6		Red Pine	Medium	Variable	Sapling
Red Pine	65	Pole/Log	9	86	Jack Pine	Medium	Variable	Sapling
Jack Pine	20	Pole	7		Northern Pin Oak	High	Variable	Sapling

109 42210 - Natural Red Pine Poletimber Well 3.8 86 141-170 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Pine	65	Pole/Log	9	86	Red Pine	Medium	Variable	Sapling
Jack Pine	20	Pole	7		Jack Pine	Medium	< 5 feet	Sapling
Northern Pin Oak	15	Pole	6		Northern Pin Oak	High	Variable	Sapling



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																				
110	42210 - Natural Red Pine	Poletimber Well	1.2	86	141-170	N/A																																					
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111	6224 - Treed Bog	Nonstocked	7.8		Immature	No	-remotely broke this area out from adjacent planted red pine, recheck cover type for this area during field inventory																																				
112	42110 - Planted Red Pine	Sawtimber Well	10.6	66	111-140	N/A	The campground rp was not thinned.																																				
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113	122 - Road/Parking Lot	Nonstocked	1.4			No	M-33 ROW, mostly grass.																																				