



# Compartment Review Presentation

Atlanta Forest Management Unit

Compartment 54052

Entry Year 2019

Acreage: 1,961

County Montmorency

Management Area: Thunder Bay Outwash

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**Revision Date:** 2017-05-24

**Stand Examiner:** Richard Barber

**Legal Description:**

T31N, R3E, Sec. 6, 17, & 18

**Identified Planning Goals:**

Watershed protection, timber and wildlife management, recreation.

**Soil and topography:**

Predicted habitat types are mostly PVCd, PARVCo/PARVVb and lowland. The terrain is mostly flat. Soils are either mucks or sands,

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

Mostly other state land, and some hunting properties. The north end off the compartment is near Rush Lake subdivision.

**Unique Natural Features:**

None reported.

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

None reported.

**Special Management Designations or Considerations:**

None.

**Watershed and Fisheries Considerations:**

Brush Creek flows through stands 18 and 102. The lowland stands in the north drain into Rush Lake. Fisheries Division asks for a 300 foot buffer strip as per Fisheries Division Policy and Procedure 02.02.011 in stands near Brush Creek. We suggest no clear cutting in this zone and very minimum selective cutting. These suggestions are for a designated trout stream which is less than 50 feet wide. This reach of Brush Creek have wild brook trout populations and are popular fisheries in various reaches. Much of this stream is hampered by beaver activity which can significantly warm stream temperatures. This is especially true for this stream since it does not have a strong Baseflow. Fisheries Division has received a handful of phone calls over the years from anglers that object to beaver activity in these reaches.

**Wildlife Habitat Considerations:**

This compartment is an excellent opportunity to manage for wildlife. It is part of a multiple compartment, large scale block of public land providing contiguous wildlife pathways that are necessary for many of our large game animals such as elk and black bear. Habitat components of aspen and cedar provide food and cover for multiple species at a variety of age classes. We are working to maintain a good age rotation of aspen in this compartment as well as adjacent compartments. Species which benefit from our management include elk, white-tailed deer, black bear, ruffed grouse, woodcock, and many other game and non-game species.

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

There is no metallic mineral potential in this part of the state. Sand/gravel pits are not located in the area, but there is potential on the upland areas. Most of this compartment is leased and the southern two-thirds have been drilled for the Antrim Shale. Additional Antrim development is possible.

**Vehicle Access:**

Very good to excellent.

**Survey Needs:**

Surveys may be needed for timber operations.

**Recreational Facilities and Opportunities:**

Atlanta ORV Trail and Brush Creek snowmobile trail/ORV Route are in this compartment.

**Fire Protection:**

Atlanta DNR and Hillman VFD

**Additional Compartment Information:**

The following reports from the Inventory are attached:

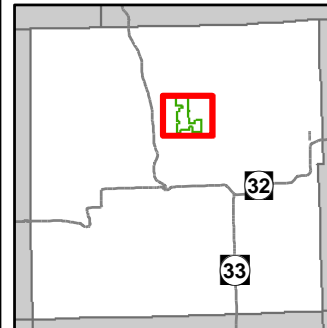
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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

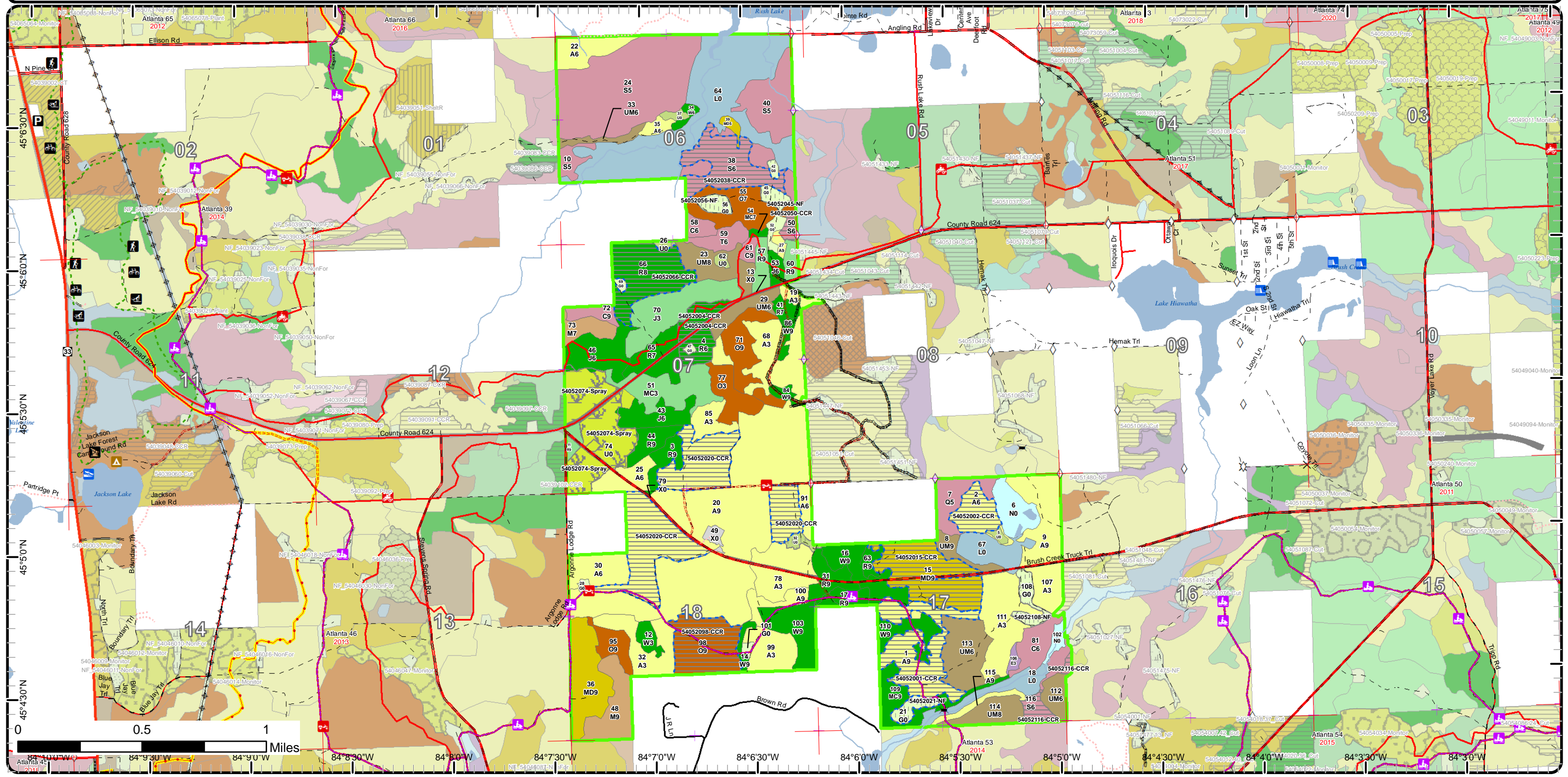
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

# Cover Type & Treatments Map

Compartment: 52  
 T31N, R03E, Sec: 6, 7, 17, 18  
 County: Montmorency  
 Unit: Atlanta  
 Mgmt Area: Thunder Bay  
 Outwash  
 YOE: 2019  
 Acres: 1960.8 GIS Calculated  
 Examiner: Richard Barber  
 Map Revised: 10/3/2017  
 Map Phase: Post-Review

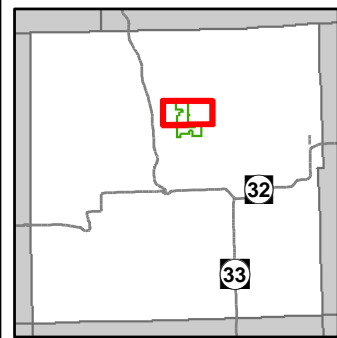


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- + Remonumented Section Corners
- ◇ Field Grade GPS Corners
- Counties
- X Gate
- ▲ Berms
- Bridge
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- Clearcut (w/Reserves)
- Pesticide
- Opening Maintenance
- 411 - Northern Hardwood
- 412 - Oak Types
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 422 - Natural Pines
- 430 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 110 - Low Intensity Urban
- 122 - Roads/Parking Lot
- 310 - Herbaceous Openland
- 320 - Upland Shrub
- 330 - Low Density Trees
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- 623 - Emergent Wetland
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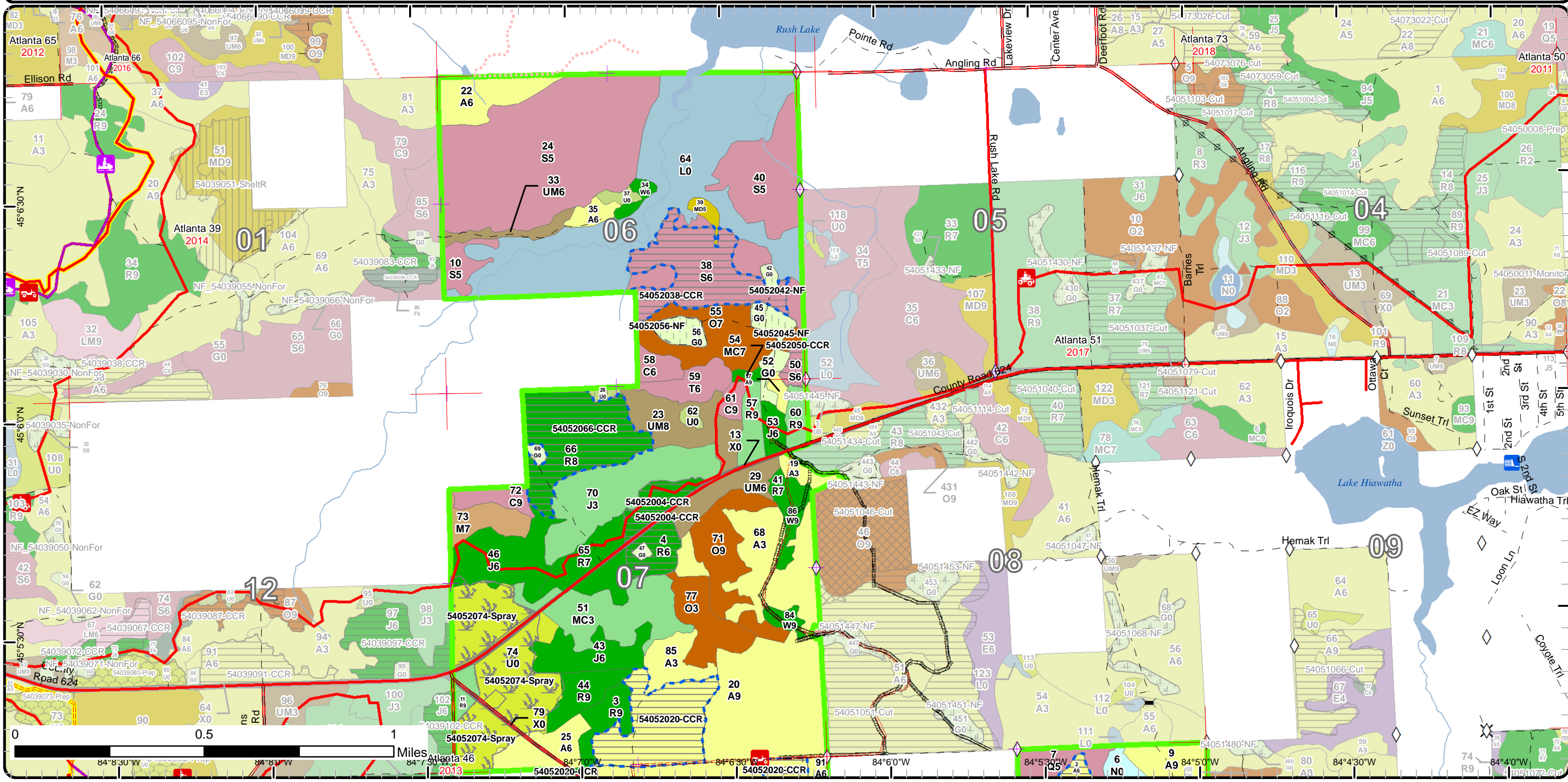


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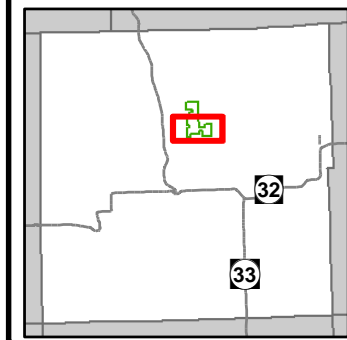
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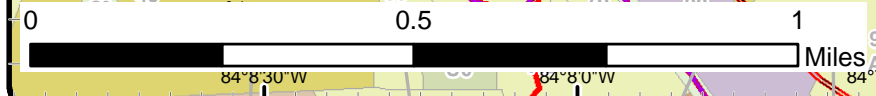
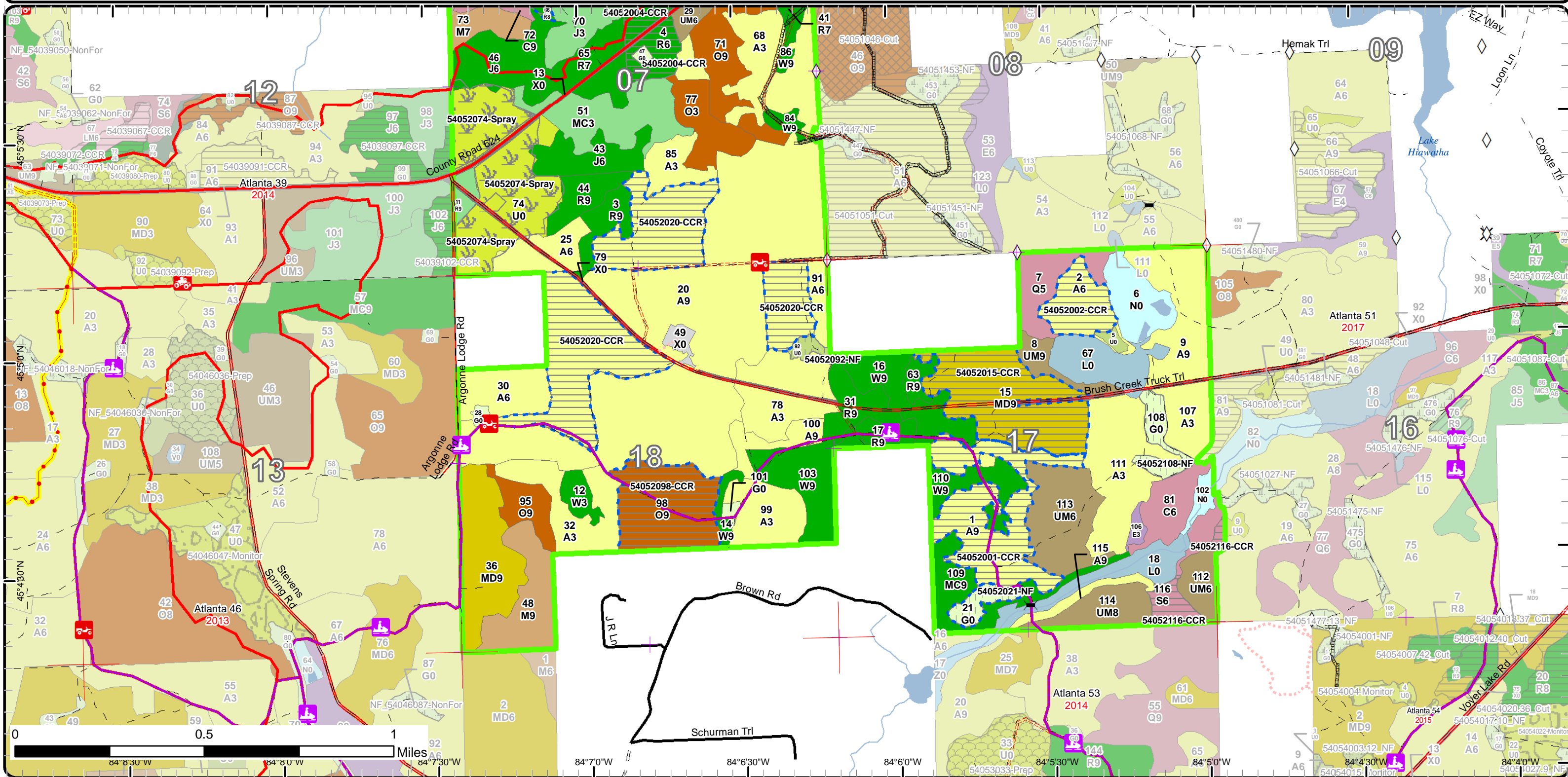


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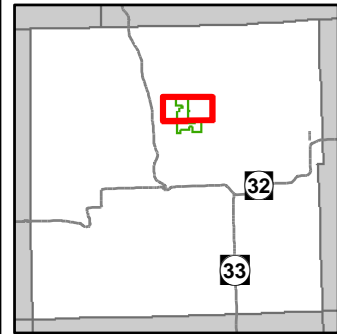
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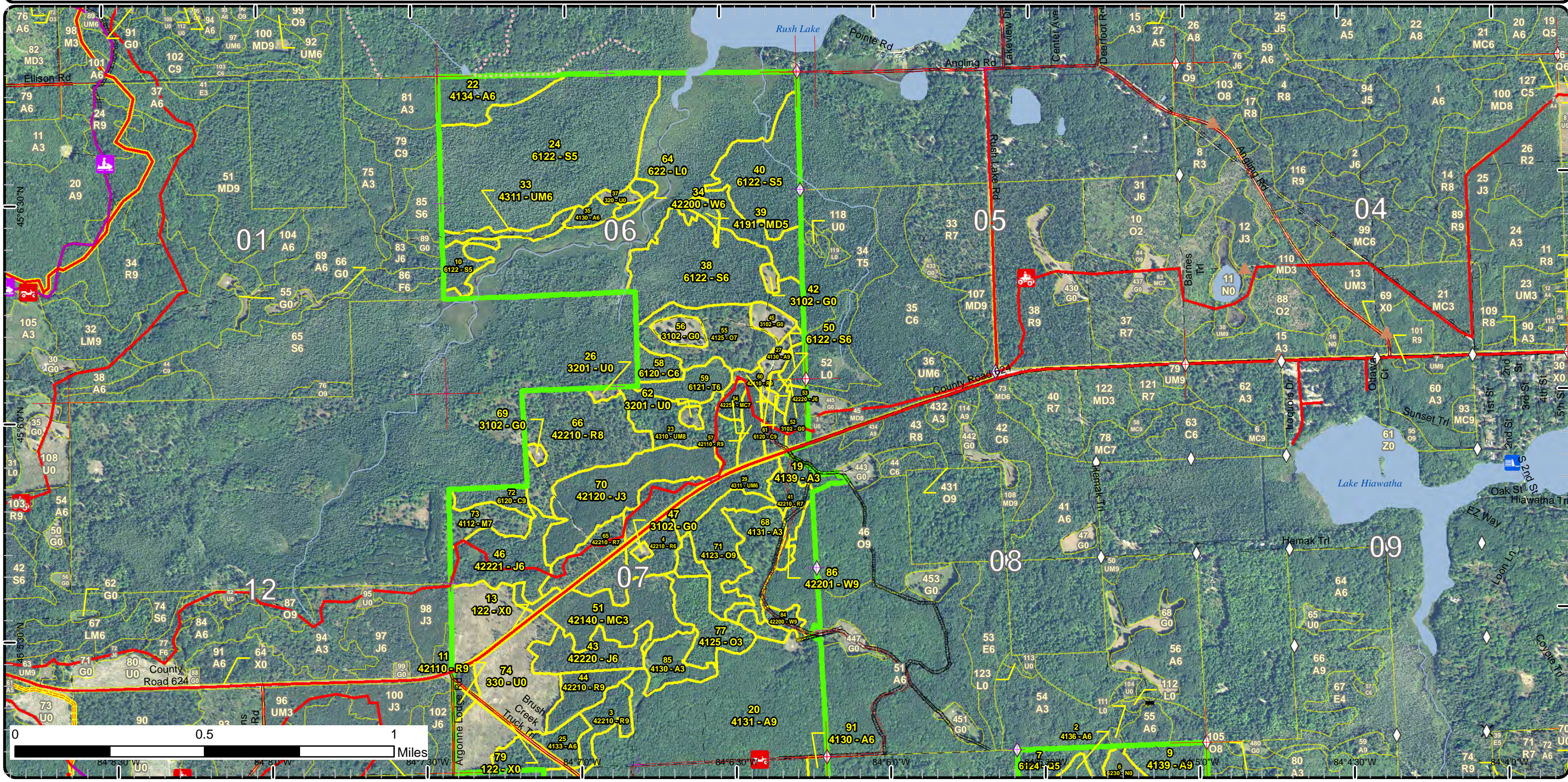


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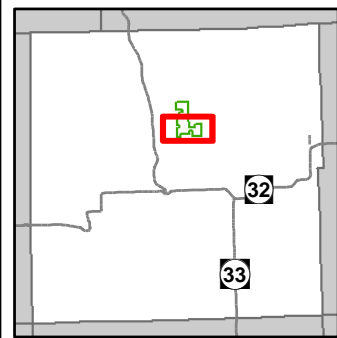


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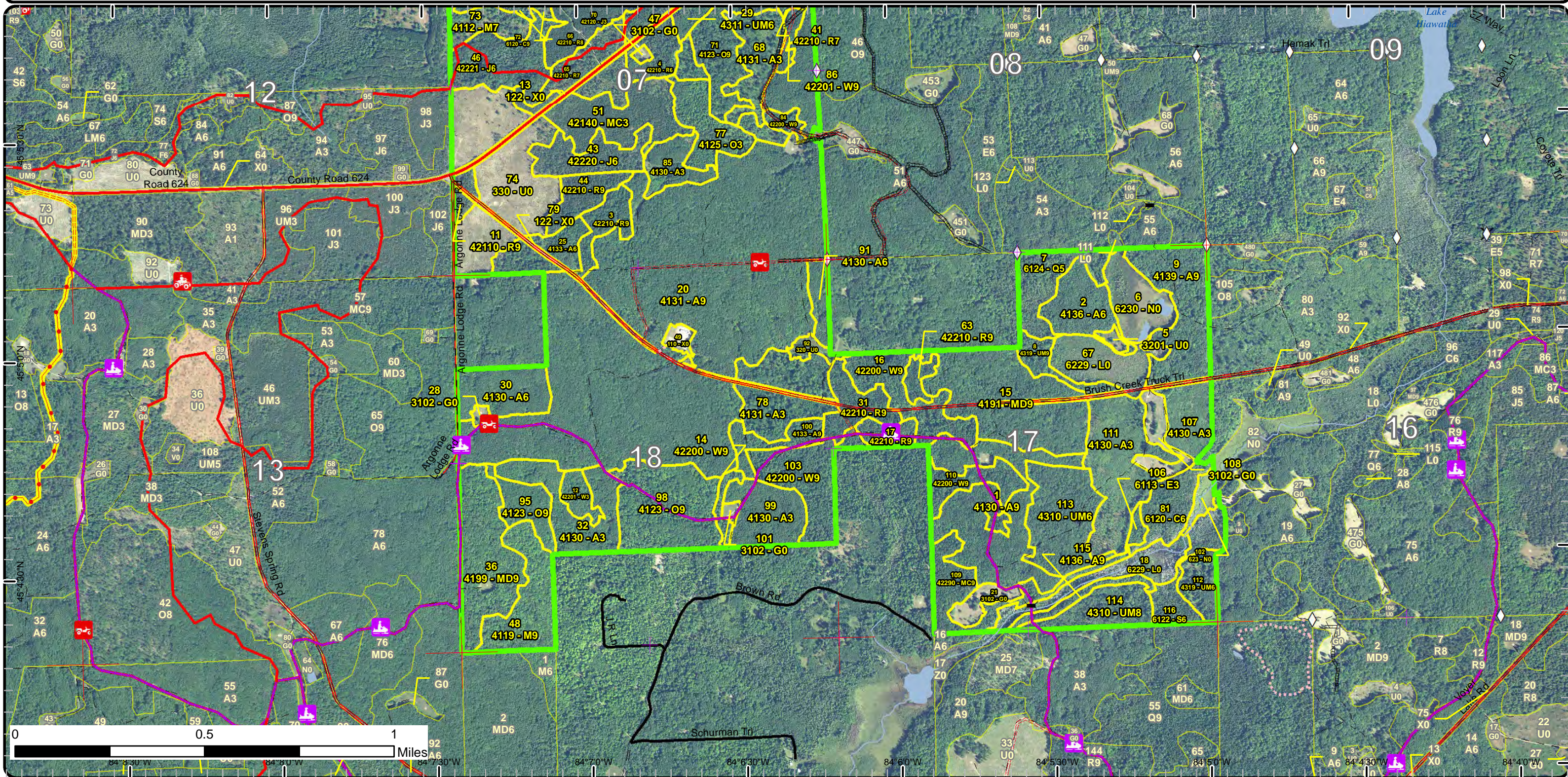
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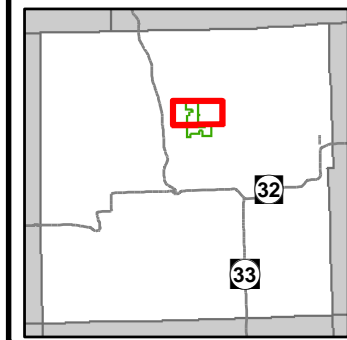
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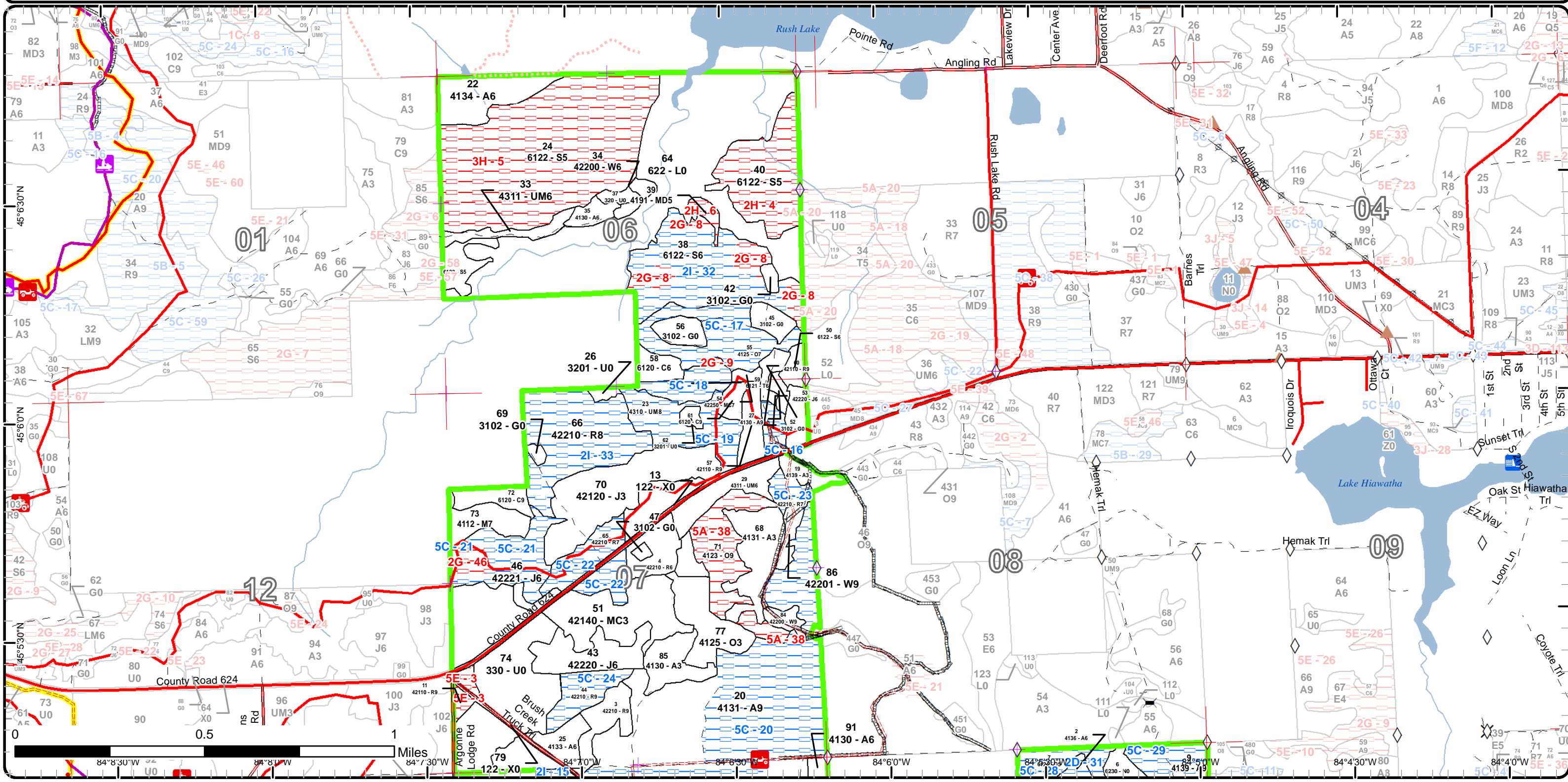


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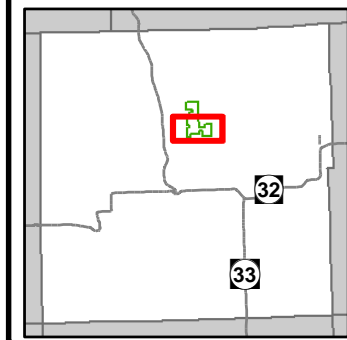
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- Available w/ Constraints
- Unavailable
- 2D: Portable Bridge Needed (Dept. bridge will be adequate)
- 2I: Survey needed
- 5C: Delay treatment for age/size class diversity or exceptional site quality
- 2G: Too wet (sensitive soils, does not include access issues)
- 2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)
- 5A: Not able to obtain desirable regeneration
- 5E: Long-Term Retention
- Stand Boundaries
- Cold Water Streams



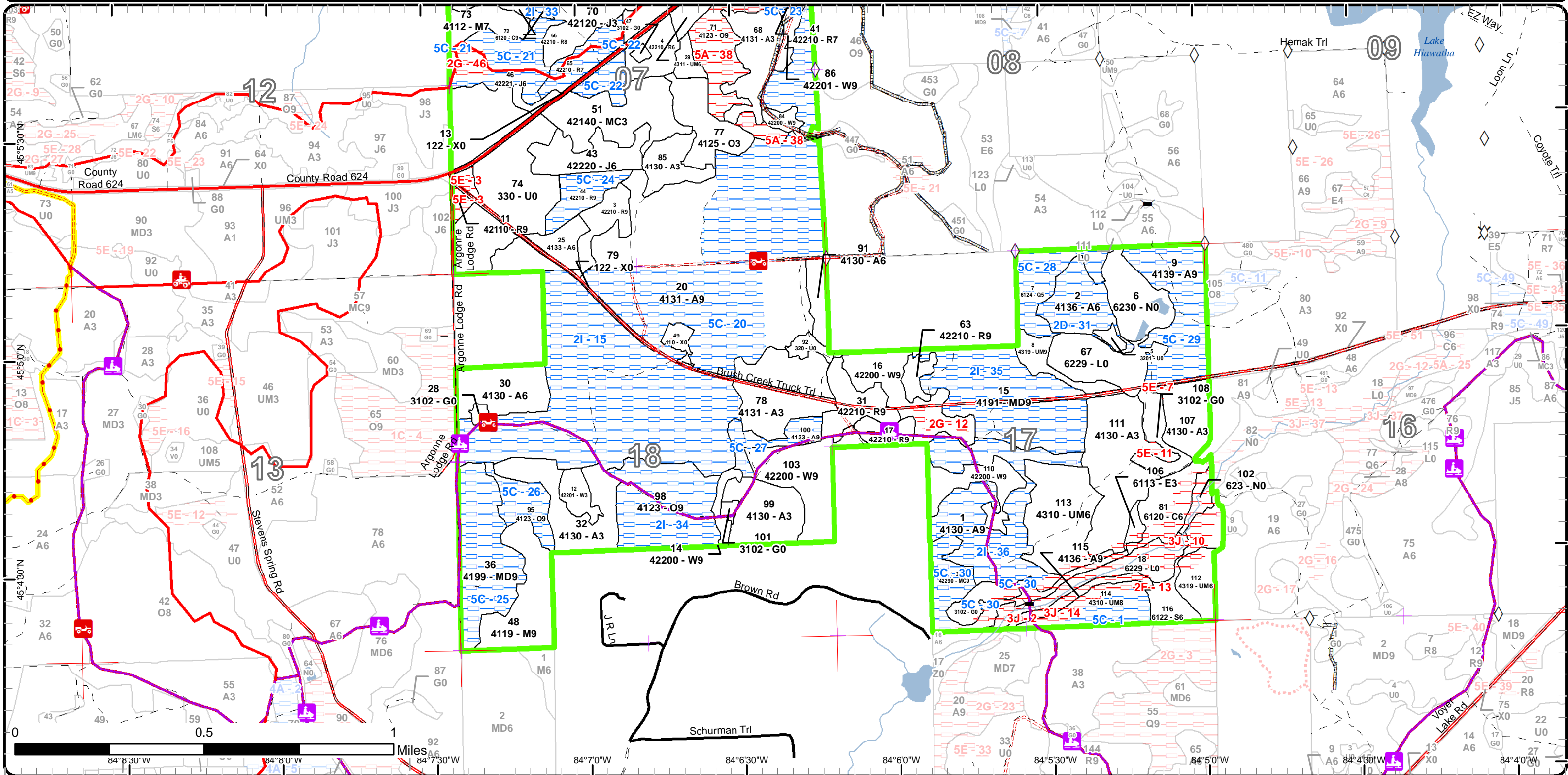


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- Unavailable
- 2D: Portable Bridge Needed (Dept. bridge will be adequate)
- 2I: Survey needed
- 5C: Delay treatment for age/size class diversity or exceptional site quality
- 2F: Too steep
- 2G: Too wet (sensitive soils, does not include access issues)
- 3J: Water quality / BMPs (stream, river, or lake)
- 5A: Not able to obtain desirable regeneration
- 5E: Long-Term Retention
- Stand Boundaries
- 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	74	33	75	43	66	366	0	0	6	0	0	0	0	0	0	0	0	663
Cedar	0	0	0	0	0	0	0	0	0	6	0	15	10	0	0	0	0	0	31
Herbaceous Openland	37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	37
Jack Pine	0	0	0	37	0	0	21	0	25	0	0	0	0	0	0	0	0	0	83
Low-Density Trees	60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	60
Lowland Conifers	0	0	0	0	0	0	0	0	0	0	18	0	0	0	0	0	0	0	18
Lowland Deciduous	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Lowland Shrub	161	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	161
Lowland Spruce/Fir	0	0	0	0	7	0	0	0	33	55	111	14	0	0	0	0	0	0	220
Marsh	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22
Mixed Upland Deciduous	0	0	0	0	0	0	0	0	3	52	36	0	0	0	0	0	0	0	91
Natural Mixed Pines	0	0	0	0	0	0	2	0	0	20	0	0	0	0	0	0	0	0	22
Northern Hardwood	0	0	0	0	0	0	0	0	0	10	25	0	0	0	0	0	0	0	35
Oak	0	0	0	17	0	0	0	0	0	11	87	0	0	0	0	0	0	0	115
Planted Mixed Pines	0	0	0	31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30
Red Pine	0	0	0	0	0	0	23	28	0	96	0	0	0	0	0	0	0	0	147
Tamarack	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	10
Upland Mixed Forest	0	0	0	0	6	40	12	0	0	38	8	0	0	0	0	0	0	0	104
Upland Shrub	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11
Urban	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21
White Pine	0	0	0	6	3	0	7	60	0	0	4	0	0	0	0	0	0	0	80
<b>Total</b>	<b>312</b>	<b>74</b>	<b>33</b>	<b>166</b>	<b>61</b>	<b>106</b>	<b>431</b>	<b>88</b>	<b>61</b>	<b>304</b>	<b>289</b>	<b>29</b>	<b>10</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1963</b>





## Report 2 – Treatment Summary

Atlanta Mgt. Unit

Compartment 52

Year of Entry: 2019

Acres of Harvest

Total Compartment Acres: 1,961

Commercial Harvest - 32  
 Harvests with Site Condition - 336  
 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	167	0	0	0	0	0	0	0	0	167
Lowland Spruce/Fir	50	0	0	0	0	0	0	0	0	50
Mixed Upland Deciduous	52	0	0	0	0	0	0	0	0	52
Oak	37	0	0	0	0	0	0	0	0	37
Red Pine	61	0	0	0	0	0	0	0	0	61
<b>Total</b>	<b>367</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>367</b>

### Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	367	0	0	0	58	0	0	33		458
Next Step	0	123	61	0	61	486	0	0		731
<b>Total</b>	<b>367</b>	<b>123</b>	<b>61</b>	<b>0</b>	<b>119</b>	<b>486</b>	<b>0</b>	<b>33</b>		<b>1189</b>





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	Approval Status
1	54052001- CCR	47.2	4130 - Aspen	Sawtimber Well	49	Unspec ified	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	Draft Field Boundary

**Habitat Cut: No Site Condition: Survey Needed**

Prescription CCR. Retain 3 to 10 percent of treatment area in one or more patches. Location(s) will be near snowmobile trail and will be representative of the  
Specs: treatment's species mix.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable aspen, oak, maple, jack pine, red pine, white pine

Regen:

Other Use current, standard trail specs for safety and infrastructure protection. Include Atlanta drumming log spec.

Comment:

Proposed Start Date: 10/01/2018

2	54052002- CCR	16.8	4136 - Aspen, Mixed Conifer	Poletimber Well	44		Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	Draft Field Boundary
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**Habitat Cut: No Site Condition: Portable Bridge Needed**

Prescription CCR. Retain 3 to 10 percent of treatment area in one or more patches, which may be near stand 5.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable aspen, maple, spruce, fir, birch, jack pine, red pine, white pine, oak

Regen:

Other May require crane mats or other methods for access. Include Atlanta drumming log spec.

Comment:

Proposed Start Date: 10/01/2018

4	54052004- CCR	19.3	42210 - Natural Red Pine	Poletimber Well	83	51-80	Harvest	Clearcut with Retention	4211 - Planted Red Pine	Even-Aged	Draft Field Boundary
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**Habitat Cut: No Site Condition:**

Prescription CCR. Retain 3 to 10 percent of treatment area in one or more patches. Location(s) will be determined during sale prep and will be  
Specs: representative of the treatment's species mix as a whole. Tops must be chipped within 3 months of the parent stem's severance from the  
stump. Re-plant red pine.

Next Step SitePrep, Roller Chopping; SitePrep, Trenching; Planting, Initial Plant; Monitoring, Artificial Regen(1yr); Monitoring, Artificial Regen(3yr);

Treatments: Pesticide, Aerial

Acceptable Acceptable regeneration is any combination of red pine, white pine, oak, jack pine, or aspen, resulting in a medium or well stocked stand

Regen: incontrovertibly dominated by unsuppressed red pine.

Other Use current, standard trail specs for safety and infrastructure protection. Site prep may require thermal, chemical or mechanical methods.

Comment:

Proposed Start Date: 10/01/2018

15	54052015- CCR	51.8	4191 - Mixed Upland Deciduous with Conifer	Sawtimber Well	80	81-110	Harvest	Clearcut with Retention	4122 - Oak, Pine	Even-Aged	Draft Field Boundary
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**Habitat Cut: No Site Condition: Survey Needed**

Prescription CCR. Retain 3 to 10 percent of treatment area in one or more patches. Location(s) will be determined during sale prep and may include steep  
Specs: slopes. Protect WP regeneration.

Next Step Monitoring, Natural Regen (Intermediate)

Treatments:

Acceptable oak, aspen, white pine, maple, jack pine, red pine

Regen:

Other

Comment:

Proposed Start Date: 10/01/2018





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	Approval Status
20	54052020-CCR	102.7	4131 - Aspen, Oak	Sawtimber Well	52		Harvest	Clearcut with Retention	4139 - Aspen, Mixed Deciduous	Even-Aged	Draft Field Boundary

**Habitat Cut: No**      **Site Condition: Survey Needed**

Prescription CCR. Retain 3 to 10 percent of treatment area in one or more patches.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable aspen, oak, maple, jack pine, red pine, white pine, basswood

Regen:

Other Use current, standard trail specs for safety and infrastructure protection. Include Atlanta drumming log spec.

Comment:

Proposed Start Date: 02/16/2017

21	54052021-NF	6.6	3102 - Grass	Nonstocked			NonForestMgt	Herbaceous/Crop /Grass Planting	3102 - Grass		Approved Proposal
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**Habitat Cut: No**      **Site Condition: BMPs**

Prescription Opening will be maintained on an ongoing rotational basis to produce wildlife forage through burning, mowing, planting, or other agriculture

Specs: practices

Next Step

Treatments:

Acceptable

Regen:

Other follow trail specs

Comment:

Proposed Start Date: 10/01/2018

26	54052026-NF	1.5	3201 - Sweet Fern	Nonstocked			NonForestMgt	Herbaceous/Crop /Grass Planting	330 - Low- Density Trees		Approved Proposal
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**Habitat Cut: No**      **Site Condition:**

Prescription Opening will be maintained on an ongoing rotational basis to produce wildlife forage through burning, mowing, planting, or other agriculture

Specs: practices

Next Step

Treatments:

Acceptable

Regen:

Other

Comment:

Proposed Start Date: 10/01/2018

38	54052038-CCR	37.9	6122 - Black Spruce	Poletimber Well	80		Harvest	Clearcut with Retention	612 - Lowland Coniferous Forest	Even-Aged	Draft Field Boundary
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**Habitat Cut: No**      **Site Condition: Survey Needed**

Prescription CCR. Retain 3 to 10 percent of treatment area in one or more patches. Location(s) will be determined during sale prep and will be

Specs: representative of the treatment's species mix as a whole.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Spruce, cedar, fir, maple, aspen, tamarack, or birch resulting in a medium or well stocked stand

Regen:

Other Include recreation specs to protect trail from decking and transportation operations. Sale acreage may be reduced significantly due to

Comment: operability.

Proposed Start Date: 10/01/2018





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	Approval Status
42	54052042-NF	1.7	3102 - Grass	Nonstocked	0	Unspec ified	NonForestMgt	Herbaceous/Crop /Grass Planting	3102 - Grass		Approved Proposal

**Habitat Cut: No****Site Condition:**

Prescription Opening will be maintained on an ongoing rotational basis to produce wildlife forage through burning, mowing, planting, or other agriculture practices  
Specs:

Next Step  
Treatments:

Acceptable  
Regen:

Other follow trail specs  
Comment:

Proposed Start Date: 10/01/2018

45	54052045-NF	5.0	3102 - Grass	Nonstocked	0	Unspec ified	NonForestMgt	Herbaceous/Crop /Grass Planting	3102 - Grass		Approved Proposal
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**Habitat Cut: No****Site Condition:**

Prescription Opening will be maintained on an ongoing rotational basis to produce wildlife forage through burning, mowing, planting, or other agriculture practices  
Specs:

Next Step  
Treatments:

Acceptable  
Regen:

Other follow trail specs  
Comment:

Proposed Start Date: 10/01/2018

50	54052050-CCR	3.7	6122 - Black Spruce Poletimber Well	80	Unspec ified	Harvest	Clearcut with Retention	612 - Lowland Coniferous Forest	Even-Aged		Draft Field Boundary
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**Habitat Cut: No****Site Condition:**

Prescription CCR. Retain 3 to 10 percent of treatment area in one or more patches. Location(s) will be determined during sale prep and will be representative of the treatment's species mix as a whole.  
Specs:

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

Acceptable Spruce, cedar, fir, maple, aspen, tamarack, or birch resulting in a medium or well stocked stand  
Regen:

Other Sale acreage may be reduced significantly due to operability.  
Comment:

Proposed Start Date: 10/01/2018

56	54052056-NF	5.6	3102 - Grass	Nonstocked	0	Unspec ified	NonForestMgt	Herbaceous/Crop /Grass Planting	3102 - Grass		Approved Proposal
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**Habitat Cut: No****Site Condition:**

Prescription Opening will be maintained on an ongoing rotational basis to produce wildlife forage through burning, mowing, planting, or other agriculture practices  
Specs:

Next Step  
Treatments:

Acceptable  
Regen:

Other  
Comment:

Proposed Start Date: 10/01/2018





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	Approval Status
66	54052066- CCR	42.0	42210 - Natural Red Pine	Sawtimber Medium	83	51-80	Harvest	Clearcut with Retention	4211 - Planted Red Pine	Even-Aged	Draft Field Boundary

**Habitat Cut: No Site Condition: Survey Needed**

Prescription CCR. Retain 3 to 10 percent of treatment area in one or more patches. Location(s) will be determined during sale prep and will be representative of the treatment's species mix as a whole. Tops must be chipped within 3 months of the parent stem's severance from the stump. Re-plant red pine.

Next Step SitePrep, Roller Chopping; SitePrep, Trenching; Planting, Initial Plant; Monitoring, Artificial Regen(1yr); Monitoring, Artificial Regen(3yr);  
Treatments: Pesticide, Aerial

Acceptable Regen: Acceptable regeneration is any combination of red pine, white pine, oak, Jack pine, or aspen, resulting in a medium or well stocked stand incontrovertibly dominated by unsuppressed red pine.

Other Comment: Site prep may require thermal, chemical or mechanical methods. Include recreation specs to protect trail from decking and transportation operations.

Proposed Start Date: 10/01/2018

74	54052074- Spray	57.6	330 - Low-Density Trees	Nonstocked		Unspec ified	Pesticide	Aerial	4211 - Planted Red Pine	Even-Aged	Draft Field Boundary
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**Habitat Cut: No Site Condition:**

Prescription  
Specs:

Next Step ; Monitoring, Artificial Regen(3yr)

Treatments:

Acceptable Regen: Fully stocked Red Pine.

Other Comment:

Percent to Treat = 100%

Proposed Start Date:

09/01/2016

92	54052092-NF	3.4	320 - Upland Shrub	Nonstocked			NonForestMgt	Herbaceous/Crop /Grass Planting	330 - Low- Density Trees		Approved Proposal
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**Habitat Cut: No Site Condition:**

Prescription Opening will be maintained on an ongoing rotational basis to produce wildlife forage through burning, mowing, planting, or other agriculture practices

Next Step  
Treatments:

Acceptable Regen:

Other Comment: follow trail specs

Proposed Start Date:

10/01/2018

98	54052098- CCR	37.3	4123 - Red Oak	Sawtimber Well	93	81-110	Harvest	Clearcut with Retention	4199 - Other Mixed Upland Deciduous	Even-Aged	Draft Field Boundary
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**Habitat Cut: No Site Condition: Survey Needed**

Prescription CCR. Retain 3 to 10 percent of treatment area in one or more patches. Location(s) will be near snowmobile trail. Retention will be representative of the treatment's species mix as a whole, and will include large crowned oak. Protect advanced WP regeneration.

Next Step Monitoring, Natural Regen (Intermediate)

Treatments:

Acceptable Regen: oak, maple, jack pine, aspen, red pine, white pine

Other Comment:

Use current, standard trail specs for safety and infrastructure protection.

Proposed Start Date:

10/01/2018





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	Approval Status
108	54052108-NF	8.9	3102 - Grass	Nonstocked			NonForestMgt	Herbaceous/Crop /Grass Planting	3102 - Grass		Approved Proposal

**Habitat Cut: No****Site Condition:**

Prescription Opening will be maintained on an ongoing rotational basis to produce wildlife forage through burning, mowing, planting, or other agriculture practices

Specs:  
  
Next Step  
Treatments:

Acceptable  
Regen:

Other follow trail specs

Comment:

Proposed Start Date: 10/01/2018

116	54052116- CCR	8.6	6122 - Black Spruce Well	Poletimber	103		Harvest	Clearcut with Retention	612 - Lowland Coniferous Forest	Even-Aged	Draft Field Boundary
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**Habitat Cut: No****Site Condition:**

Prescription CCR. Sale acreage may be reduced do to operability. Leave retention in cold water stream buffer.

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

Acceptable Spruce, fir, cedar, aspen, maple.  
Regen:

Other  
Comment:

Proposed Start Date: 10/01/2018

**Total Treatment  
Acreage Proposed: 457.6**



## Report 4 – Site Conditions

Atlanta Mgt. Unit  
Richard Barber : Examiner

Compartment: 52  
Year of Entry: 2019

### Availability for Management

Total Acres	Acres Available	Acres Avail		Acres Not Available		Dominant Site Conditions									
		With Condition				2D	2I	5C	2F	2G	2H	3H	3J	5A	5E
661	275	<b>375</b>		10	Aspen	18	97	261	0				7		3
31	23	<b>0</b>		8	Cedar								8		
36	35	<b>0</b>		1	Herbaceous Openland								1		
83	53	<b>24</b>		5	Jack Pine			24		5					
60	60	<b>0</b>		0	Low-Density Trees										
18	0	<b>18</b>		0	Lowland Conifers			18							
2	1	<b>0</b>		1	Lowland Deciduous								1		
161	145	<b>0</b>		16	Lowland Shrub								16		
220	20	<b>38</b>		162	Lowland Spruce/Fir		38			13	33	111	5		
22	18	<b>0</b>		4	Marsh								4		
90	0	<b>88</b>		3	Mixed Upland Deciduous		52	36			3				
21	2	<b>13</b>		7	Natural Mixed Pines			13					7		
35	35	<b>0</b>		0	Northern Hardwood					0					
116	17	<b>75</b>		24	Oak		37	38						24	
31	31	<b>0</b>		0	Planted Mixed Pines										
147	66	<b>77</b>		4	Red Pine		42	35							4
10	0	<b>10</b>		1	Tamarack			10		1					
104	62	<b>32</b>		10	Upland Mixed Forest			32					10		
11	11	<b>0</b>		0	Upland Shrub										
21	21	<b>0</b>		0	Urban										
80	77	<b>0</b>		3	White Pine					3					
1,961	952	<b>748</b>		260	Total Forested Acres	18	266	465	0	22	36	111	61	24	7
	49%	<b>38%</b>		13%	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	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	10	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> Growing A3.							



## Report 4 – Site Conditions

Atlanta Mgt. Unit  
Richard Barber : Examiner

Compartment: 52  
Year of Entry: 2019

2	<b>Unavailable</b>	3J: Water quality / BMPs (stream, river, or lake)	5	2F: Too steep	Unspecified	Unspecified	Unspecified
<b>Comments:</b> Cold water stream							
3	<b>Unavailable</b>	5E: Long-Term Retention	4	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
4	<b>Unavailable</b>	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	33	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
5	<b>Unavailable</b>	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	111	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> Carryover from OIPC.							
6	<b>Unavailable</b>	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	3	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
7	<b>Unavailable</b>	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							



## Report 4 – Site Conditions

Atlanta Mgt. Unit  
Richard Barber : Examiner

Compartment: 52  
Year of Entry: 2019

8	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	13	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
9	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	1	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
10	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	49	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> Cold water stream							
11	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
12	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	3	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
13	Unavailable	2F: Too steep	0	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							



## Report 4 – Site Conditions

Atlanta Mgt. Unit  
Richard Barber : Examiner

Compartment: 52  
Year of Entry: 2019

14	<b>Unavailable</b>	<b>3J: Water quality / BMPs (stream, river, or lake)</b>	6	5C: Delay treatment for age/size class diversity or exceptional site quality	Unspecified	Unspecified	Unspecified
<b>Comments:</b> Cold water stream Growing A3.							
15	<b>Available</b>	<b>2I: Survey needed</b>	51	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
16	<b>Available</b>	<b>5C: Delay treatment for age/size class diversity or exceptional site quality</b>	5	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
17	<b>Available</b>	<b>5C: Delay treatment for age/size class diversity or exceptional site quality</b>	26	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
18	<b>Available</b>	<b>5C: Delay treatment for age/size class diversity or exceptional site quality</b>	10	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
19	<b>Available</b>	<b>5C: Delay treatment for age/size class diversity or exceptional site quality</b>	22	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							

## Report 4 – Site Conditions

Atlanta Mgt. Unit  
Richard Barber : Examiner

Compartment: 52  
Year of Entry: 2019

20	<b>Available</b>	<b>5C: Delay treatment for age/size class diversity or exceptional site quality</b>	218	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
21	<b>Available</b>	<b>5C: Delay treatment for age/size class diversity or exceptional site quality</b>	19	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
22	<b>Available</b>	<b>5C: Delay treatment for age/size class diversity or exceptional site quality</b>	18	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
23	<b>Available</b>	<b>5C: Delay treatment for age/size class diversity or exceptional site quality</b>	5	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
24	<b>Available</b>	<b>5C: Delay treatment for age/size class diversity or exceptional site quality</b>	11	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							



Report 4 – Site Conditions

Atlanta Mgt. Unit  
Richard Barber : Examiner

Compartment: 52  
Year of Entry: 2019

25	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	36	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
26	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	11	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
27	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	10	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
28	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	18	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
29	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	33	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

## Report 4 – Site Conditions

Atlanta Mgt. Unit  
Richard Barber : Examiner

Compartment: 52  
Year of Entry: 2019

30	<b>Available</b>	<b>5C: Delay treatment for age/size class diversity or exceptional site quality</b>	13	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
31	<b>Available</b>	<b>2D: Portable Bridge Needed (Dept. bridge will be adequate)</b>	18	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> May require 375 of crane mats to access stand 5 from stand 9.							
32	<b>Available</b>	<b>2I: Survey needed</b>	38	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
33	<b>Available</b>	<b>2I: Survey needed</b>	42	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
34	<b>Available</b>	<b>2I: Survey needed</b>	37	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
35	<b>Available</b>	<b>2I: Survey needed</b>	52	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
36	<b>Available</b>	<b>2I: Survey needed</b>	46	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							



## Report 4 – Site Conditions

Atlanta Mgt. Unit  
Richard Barber : Examiner

Compartment: 52  
Year of Entry: 2019

38	<b>Unavailable</b>	<b>5A: Not able to obtain desirable regeneration</b>	24	5B: Maintain for regeneration purposes	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
46	<b>Unavailable</b>	<b>2G: Too wet (sensitive soils, does not include access issues)</b>	6	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> A pair of small bogs with large WP and an ORV trail.							

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
<b>Comments</b>				





**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 Lake	A coldwater lake has temperature and dissolved oxygen conditions that allow naturally-reproduced or stocked trout populations and those of other coldwater fish species to persist from year to year. Suitable conditions for coldwater fishes may occur in Michigan lakes if they are relatively deep, have substantial groundwater inflows, or are located in colder (northern) areas of the state. Such lakes are established by Director's action and designated as trout resources by Fisheries Order 200.
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.

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## Atlanta Mgt. Unit

## Report 7 – Forested Stands

Compartment: 52  
Year of Entry: 2019

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
1	4130 - Aspen	Sawtimber Well	48.1	49	Unspecified	
2	4136 - Aspen, Mixed Conifer	Poletimber Well	17.7	44		
3	42210 - Natural Red Pine	Sawtimber Well	10.1	57	141-170	rp dbh from 5 to 15 . hilly
4	42210 - Natural Red Pine	Poletimber Well	19.3	83	51-80	
7	6124 - Lowland Spruce-Fir	Poletimber Medium	17.6	91	1-50	
8	4319 - Mixed Upland Forest	Sawtimber Well	7.8	91	51-80	
9	4139 - Aspen, Mixed Deciduous	Sawtimber Well	33.2	57		
10	6122 - Black Spruce	Poletimber Medium	7.2	39	Unspecified	real hodgepodge.
11	42110 - Planted Red Pine	Sawtimber Well	4.1	65	141-170	
12	42201 - Natural White Pine, Mixed Deciduous	Sapling Well	6.0	25	Immature	
14	42200 - Natural White Pine	Sawtimber Well	3.7	93	81-110	
15	4191 - Mixed Upland Deciduous with Conifer	Sawtimber Well	51.8	80	81-110	
16	42200 - Natural White Pine	Sawtimber Well	21.6	65	111-140	
17	42210 - Natural Red Pine	Sawtimber Well	6.1	65	111-140	
19	4139 - Aspen, Mixed Deciduous	Sapling Well	4.7	13	Immature	
20	4131 - Aspen, Oak	Sawtimber Well	320.8	52		
22	4134 - Aspen, Spruce/Fir	Poletimber Well	18.0	31		
23	4310 - Pine, Oak Mix	Sawtimber Medium	21.7	80	51-80	



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## Atlanta Mgt. Unit

## Report 7 – Forested Stands

Compartment: 52  
Year of Entry: 2019

Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
6122 - Black Spruce	Poletimber Medium	111.3	96		
4133 - Aspen, Mixed Pine	Poletimber Well	13.7	38		
4130 - Aspen	Sawtimber Well	2.3	58	Unspecified	
4311 - Pine, Aspen Mix	Poletimber Well	11.8	51	81-110	
4130 - Aspen	Poletimber Well	19.3	25	81-110	
42210 - Natural Red Pine	Sawtimber Well	13.4	65	141-170	
4130 - Aspen	Sapling Well	24.6	25	Immature	
4311 - Pine, Aspen Mix	Poletimber Well	5.9	39	1-50	
42200 - Natural White Pine	Poletimber Well	3.0	39	51-80	
4130 - Aspen	Poletimber Well	4.3	39		
4199 - Other Mixed Upland Deciduous	Sawtimber Well	35.8	90	81-110	
6122 - Black Spruce	Poletimber Well	51.1	80		
4191 - Mixed Upland Deciduous with Conifer	Poletimber Medium	2.7	79	1-50	
6122 - Black Spruce	Poletimber Medium	32.9	79	1-50	
42210 - Natural Red Pine	Sawtimber Poor	5.3	80	111-140	
42220 - Natural Jack Pine	Poletimber Well	16.2	57		
42210 - Natural Red Pine	Sawtimber Well	11.1	82	141-170	
42221 - Natural Jack Pine, Mixed Deciduous	Poletimber Well	24.7	71		

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## Atlanta Mgt. Unit

## Report 7 – Forested Stands

Compartment: 52  
Year of Entry: 2019

	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
48	4119 - Mixed Northern Hardwoods	Sawtimber Well	25.2	90	81-110	
50	6122 - Black Spruce	Poletimber Well	3.7	80	Unspecified	
51	42140 - Planted Mixed Pine	Sapling Well	30.5	26	Immature	rp was more in trenches then aspen or jp
53	42220 - Natural Jack Pine	Poletimber Well	4.8	58		
54	42250 - Pine, Oak	Sawtimber Poor	1.6	57	1-50	
55	4125 - Black, N. Pin Oak	Sawtimber Poor	26.2	90	1-50	
57	42110 - Planted Red Pine	Sawtimber Well	7.5	57	111-140	
58	6120 - Lowland Cedar	Poletimber Well	5.6	80		
59	6121 - Tamarack	Poletimber Well	10.4	80		
60	42110 - Planted Red Pine	Sawtimber Well	5.5	58	111-140	been 3rd row thinned
61	6120 - Lowland Cedar	Sawtimber Well	3.5	116	Unspecified	
63	42210 - Natural Red Pine	Sawtimber Well	4.6	65	111-140	
65	42210 - Natural Red Pine	Sawtimber Poor	18.2	83	51-80	Red pine released in 2001, oak also retained.
66	42210 - Natural Red Pine	Sawtimber Medium	42.0	83	51-80	
68	4131 - Aspen, Oak	Sapling Well	21.9	6	Immature	OPIC - FMD: Left OAK AND LARGE PINE. Cut 2003, sale 035-00
70	42120 - Planted Jack Pine	Sapling Well	37.2	26		
71	4123 - Red Oak	Sawtimber Well	24.1	91	51-80	
72	6120 - Lowland Cedar	Sawtimber Well	6.9	116		



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## Atlanta Mgt. Unit

## Report 7 – Forested Stands

Compartment: 52  
Year of Entry: 2019

Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
4112 - Maple, Beech, Cherry Association	Sawtimber Poor	10.3	80	1-50	
4125 - Black, N. Pin Oak	Sapling Well	17.2	26	Immature	
4131 - Aspen, Oak	Sapling Well	28.1	13	Immature	
6120 - Lowland Cedar	Poletimber Well	14.9	102		
42200 - Natural White Pine	Sawtimber Well	3.4	51	111-140	
4130 - Aspen	Sapling Well	11.2	26	Unspecified	
42201 - Natural White Pine, Mixed Deciduous	Sawtimber Well	3.8	51	111-140	
4130 - Aspen	Poletimber Well	6.7	31	Immature	
4123 - Red Oak	Sawtimber Well	11.4	82	81-110	
4123 - Red Oak	Sawtimber Well	37.3	93	81-110	
4130 - Aspen	Sapling Well	20.0	25	Immature	
4133 - Aspen, Mixed Pine	Sawtimber Well	9.5	50		
42200 - Natural White Pine	Sawtimber Well	24.8	65	141-170	
6113 - Lowland Maple	Sapling Well	2.3	33	Immature	no cedar regen
4130 - Aspen	Sapling Well	14.4	7	Unspecified	
42290 - Natural Mixed Pine	Sawtimber Well	19.9	88	111-140	
42200 - Natural White Pine	Sawtimber Well	13.6	65	111-140	WP to 30 inches
4130 - Aspen	Sapling Well	37.2	7	Unspecified	

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Atlanta Mgt. Unit

Report 7 – Forested Stands

Compartment: 52  
Year of Entry: 2019



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
112	4319 - Mixed Upland Forest	Poletimber Well	9.8	48	51-80	
113	4310 - Pine, Oak Mix	Poletimber Well	30.6	49	81-110	
114	4310 - Pine, Oak Mix	Sawtimber Medium	16.2	87	51-80	A3 understory
115	4136 - Aspen, Mixed Conifer	Sawtimber Well	5.7	87		Steep slope left over from harvest to south.
116	6122 - Black Spruce	Poletimber Well	13.8	103		





Stand	Cover Type	Acres	Managed Site	General Comments:
5	3201 - Sweet Fern	1.8	No	
6	6230 - Cattail	17.6	No	
13	122 - Road/Parking Lot	7.7	No	Co. Rd. 624
18	6229 - Mixed lowland shrub	16.6	No	
21	3102 - Grass	6.6	Yes	scattered large oak
26	3201 - Sweet Fern	1.5	No	
28	3102 - Grass	1.2	Yes	Gas pad
37	320 - Upland Shrub	2.2	No	
42	3102 - Grass	1.7	Yes	
45	3102 - Grass	5.0	Yes	
47	3102 - Grass	1.0	Yes	Gas pad
49	110 - Low Intensity Urban	3.2	No	Gas CPF.
52	3102 - Grass	3.7	Yes	
56	3102 - Grass	5.6	Yes	
62	3201 - Sweet Fern	1.8	No	
64	622 - Lowland Shrub	125.1	No	
67	6229 - Mixed lowland shrub	19.4	No	
69	3102 - Grass	1.3	No	



Stand	Cover Type	Acres	Managed Site	General Comments:
74	330 - Low-Density Trees	60.3		RX Burn 9/5/2013. Roller Chopped 6/19/2014. Trenched 6/26/2014. Planted 4/15/2015 977/acre 1-0 PRT. Regen Survey 910/acre RP and 829/acre competition.
79	122 - Road/Parking Lot	9.7	No	Brush Creek Truck Trail
92	320 - Upland Shrub	3.4	No	cherry with oak and white pine.
101	3102 - Grass	1.3	Yes	
102	623 - Emergent Wetland	4.1	No	
108	3102 - Grass	8.9	Yes	