



# Compartment Review Presentation

Atlanta Forest Management Unit

Compartment 54162

Entry Year 2017

Acreage: 1,650

County Presque Isle

Management Area: Hammond Bay Lake Plain

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**Revision Date:** 2015-06-18

**Stand Examiner:** Chad Fate

**Legal Description:**

T36N, R3E, Sec. 22, 27, 34, & 35.

**Identified Planning Goals:**

Timber and wildlife production along with maintaining current recreational opportunities.

**Soil and topography:**

Mostly flat to rolling topography with some steep banks along the Ocqueoc River and the Silver Creek. Soils are mostly gravelly sands.

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

There are private properties to the north along US-23. There are also agricultural and recreational properties to the south with State land ownership east and west. Land use is primarily hunting, snowmobiling, and timber production.

**Unique Natural Features:**

None reported.

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

None known.

**Special Management Designations or Considerations:**

NA

**Watershed and Fisheries Considerations:**

Maintain buffers on steep slopes on the north side of the Silver Creek to prevent erosion and run off.

**Wildlife Habitat Considerations:**

The primary focus of wildlife habitat management will be to address the habitat requirements identified for the listed featured species found in this compartment. These species include ruffed grouse, black bear, and white-tailed deer. Based on the selected featured species, some of the most significant wildlife management issues in the management area are the maintenance of young forest, the retention of large, over-mature trees and snags and the maintenance and expansion of hard mast and mesic conifer components.

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

Surface sediments consist of lacustrine sand and gravel and minor dune sand. The glacial drift thickness varies between 10 and 100 feet. Beneath the glacial drift are the Devonian Dundee Limestone and Detroit River Group. The Dundee is quarried for limestone near Rogers City. A gravel pit is located in Section 35, and potential appears to be good. This area is located ten miles north of the Niagaran reef trend and oil and gas appears to be limited. The Antrim Shale is not present, and there are no leases in the compartment.

**Vehicle Access:**

Numerous county and state forest roads provide ample access to the compartment.

**Survey Needs:**

None

**Recreational Facilities and Opportunities:**

Snowmobiling opportunities on the Silver Creek Snowmobile trail and many hunting opportunities throughout.

**Fire Protection:**

This compartment is located in the protection area of the Onaway DNR and the Ocqueoc-Bearing Fire Department located near Huron Beach. The Ocqueoc-Bearing Fire Department would most likely be last on scene of any fire in the

area due to their proximity. The Onaway DNR has a mutual aid agreement with Ocqueoc-Bearing Fire Department, who has two GSA fire units. Access is fair due to sandy soils and steep hills.

**Additional Compartment Information:**

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

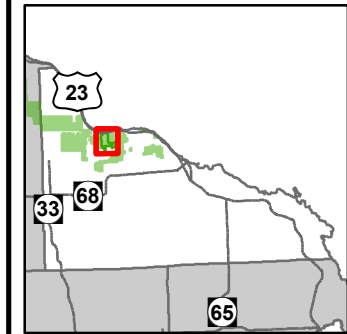
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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

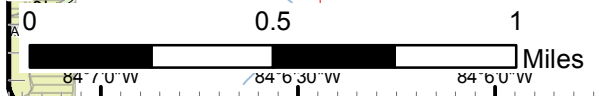
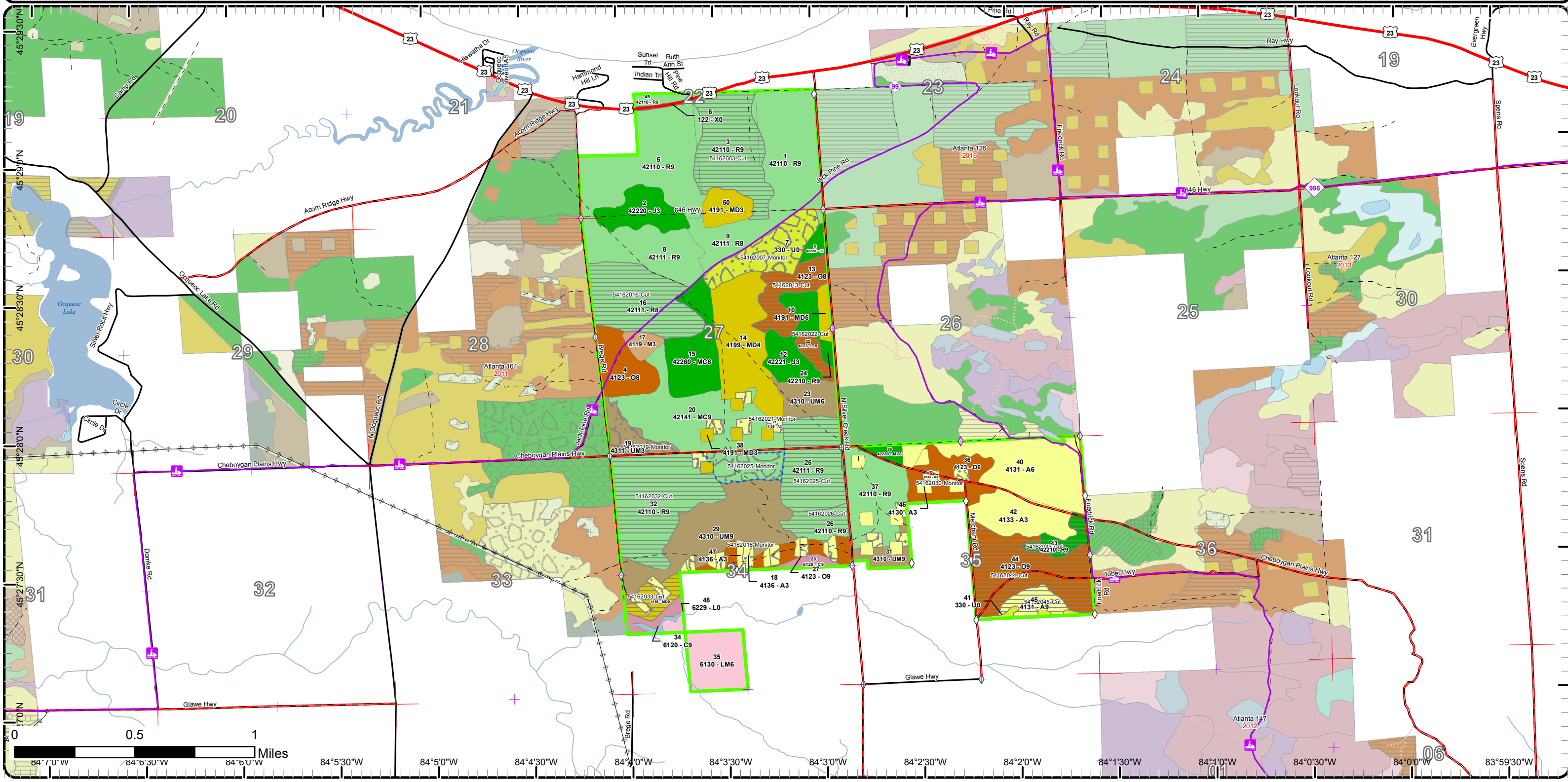
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

# Cover Type & Treatments Map

Compartment: 162  
 T36N, R03E, Sec: 22, 27, 34, 35  
 County: Presque Isle  
 Unit: Atlanta  
 Mgmt Area: Hammond Bay Lake Plain  
 YOE: 2017  
 Acres: 1650 GIS Calculated  
 Examiner: Chad Fate  
 Map Revised: 9/18/2015  
 Map Phase: Post Review



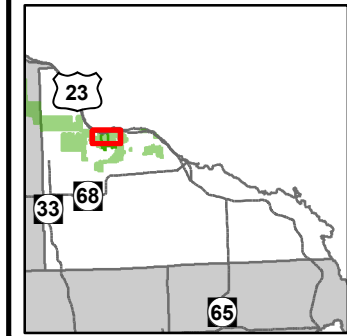
- ✚ Remonumented Section Corners
- ◇ Field Grade GPS Corners
- Miris Corners
- Highway
- Paved Roads
- County Gravel Roads
- Poor Dirt Roads
- County Poor Dirt Roads
- ⋯ Closed Roads
- 🚤 Boating Access Site
- P Parking Lot
- 🏠 Snowmobile Trails
- Designated Snowmobile Trails
- Rivers
- Lakes
- ⚡ Powerline
- 🔍 Treatments with Site Conditions
- 📄 Clearcut (w/Reserves)
- 📄 Regeneration Survey
- 🌲 Forest Covertype
- 430 - Upland Mixed Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- Non-Forest Covertype
- 122 - Roads/Parking Lot
- 330 - Low Density Trees
- 622 - Lowland Shrub
- 411 - Northern Hardwood
- 412 - Oak Types
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 422 - Natural Pines



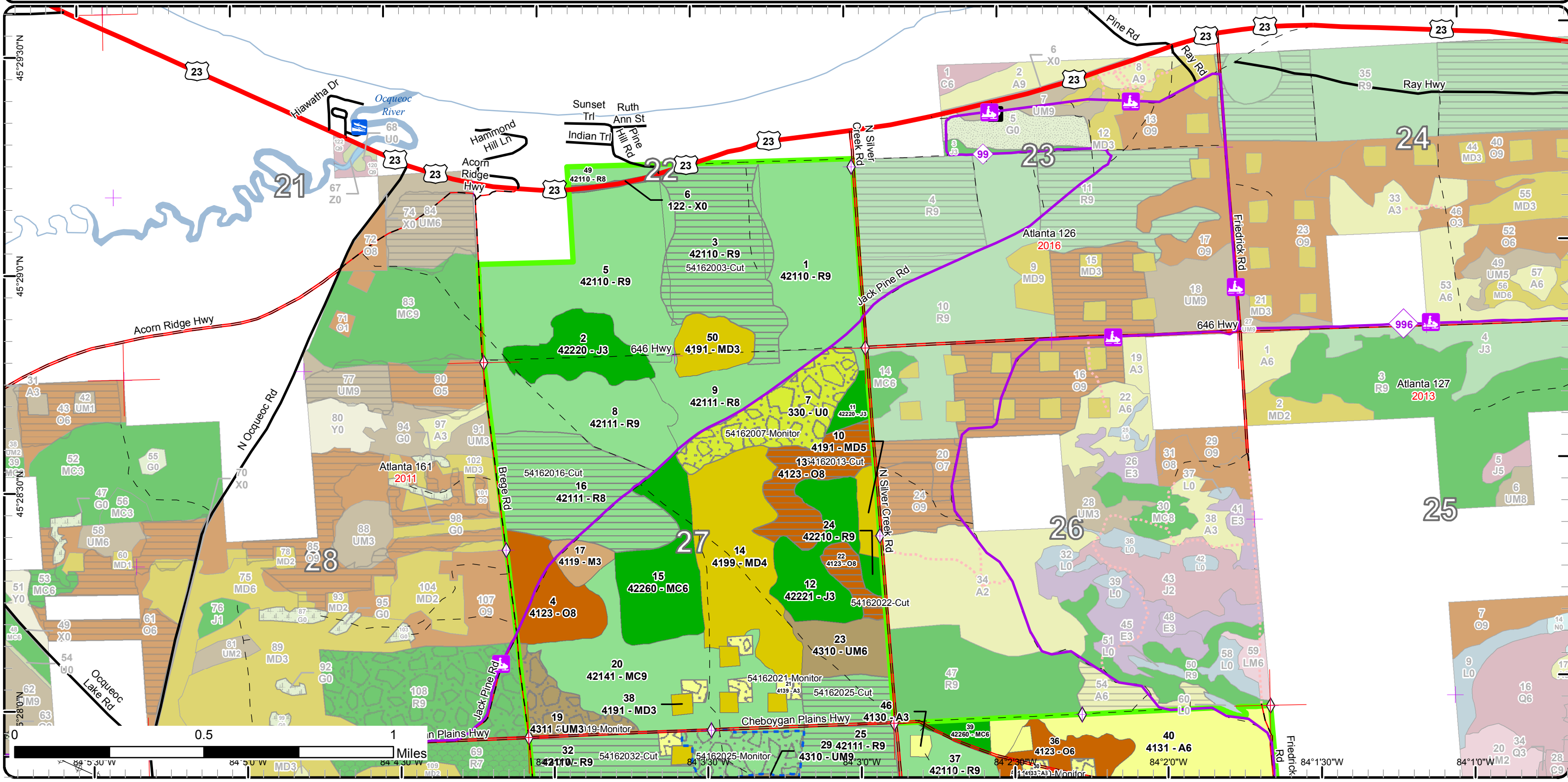
84°7'0"W 84°6'30"W 84°6'0"W 84°5'30"W 84°5'0"W 84°4'30"W 84°4'0"W 84°3'30"W 84°3'0"W 84°2'30"W 84°2'0"W 84°1'30"W 84°1'0"W 84°0'30"W 84°0'0"W 83°59'30"W

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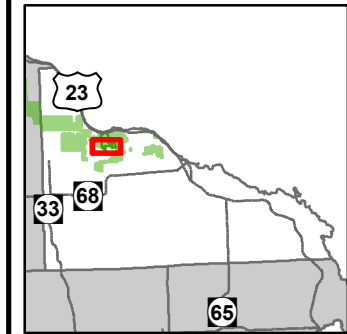
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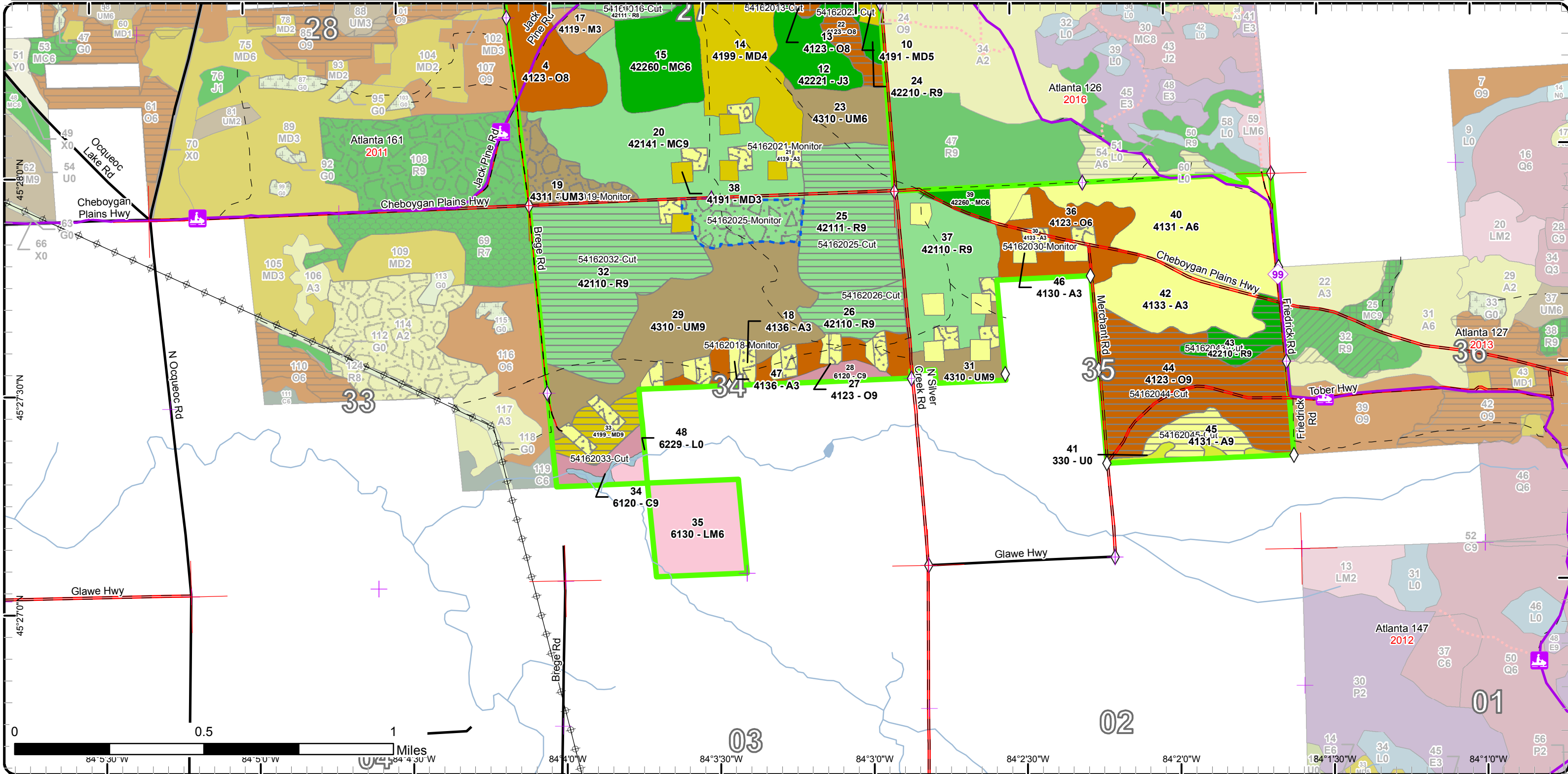


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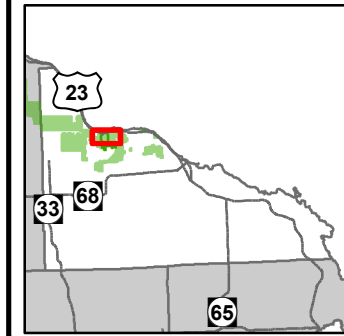
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- |  |  |
|--|--|
| <ul style="list-style-type: none"> <li>☐ Clearcut (w/Reserves)</li> <li>☐ Regeneration Survey</li> </ul> | <ul style="list-style-type: none"> <li>☐ Forest Covertype</li> <li>☐ 411 - Northern Hardwood</li> <li>☐ 412 - Oak Types</li> <li>☐ 413 - Aspen</li> <li>☐ 419 - Mixed Upland Deciduous</li> <li>☐ 421 - Planted Pines</li> <li>☐ 422 - Natural Pines</li> <li>☐ 430 - Upland Mixed Fores</li> <li>☐ 612 - Lowland Coniferous Forest</li> <li>☐ 613 - Lowland Mixed Forest</li> </ul> |
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| <ul style="list-style-type: none"> <li>☐ Non-Forest Covertype</li> <li>☐ 330 - Low Density Trees</li> <li>☐ 622 - Lowland Shrub</li> </ul> |
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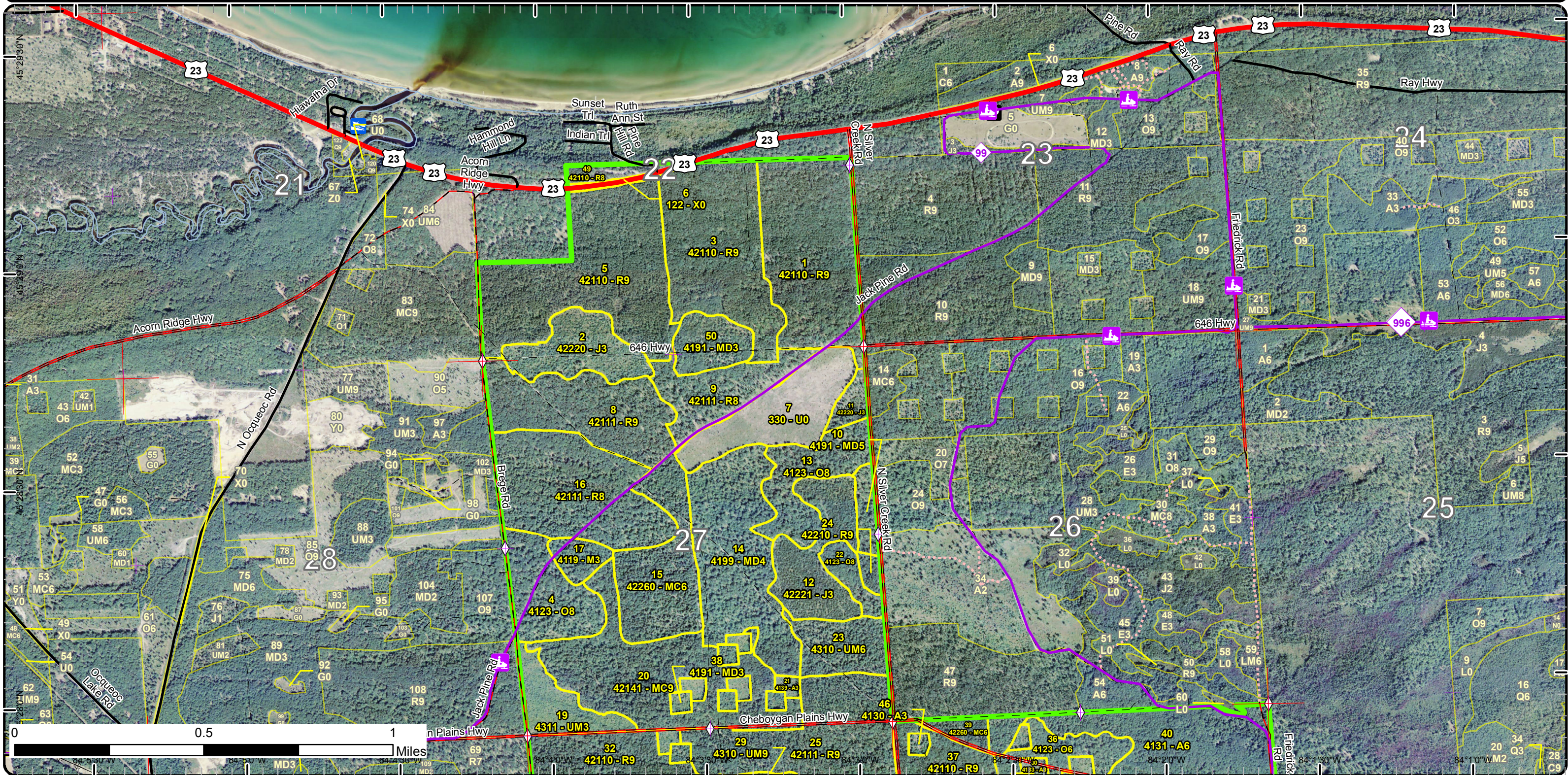


# Stand Boundary Map

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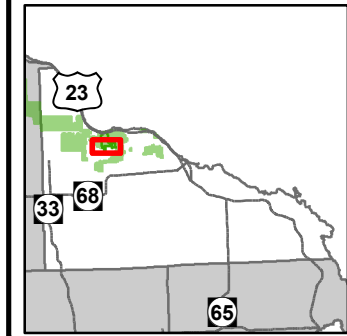
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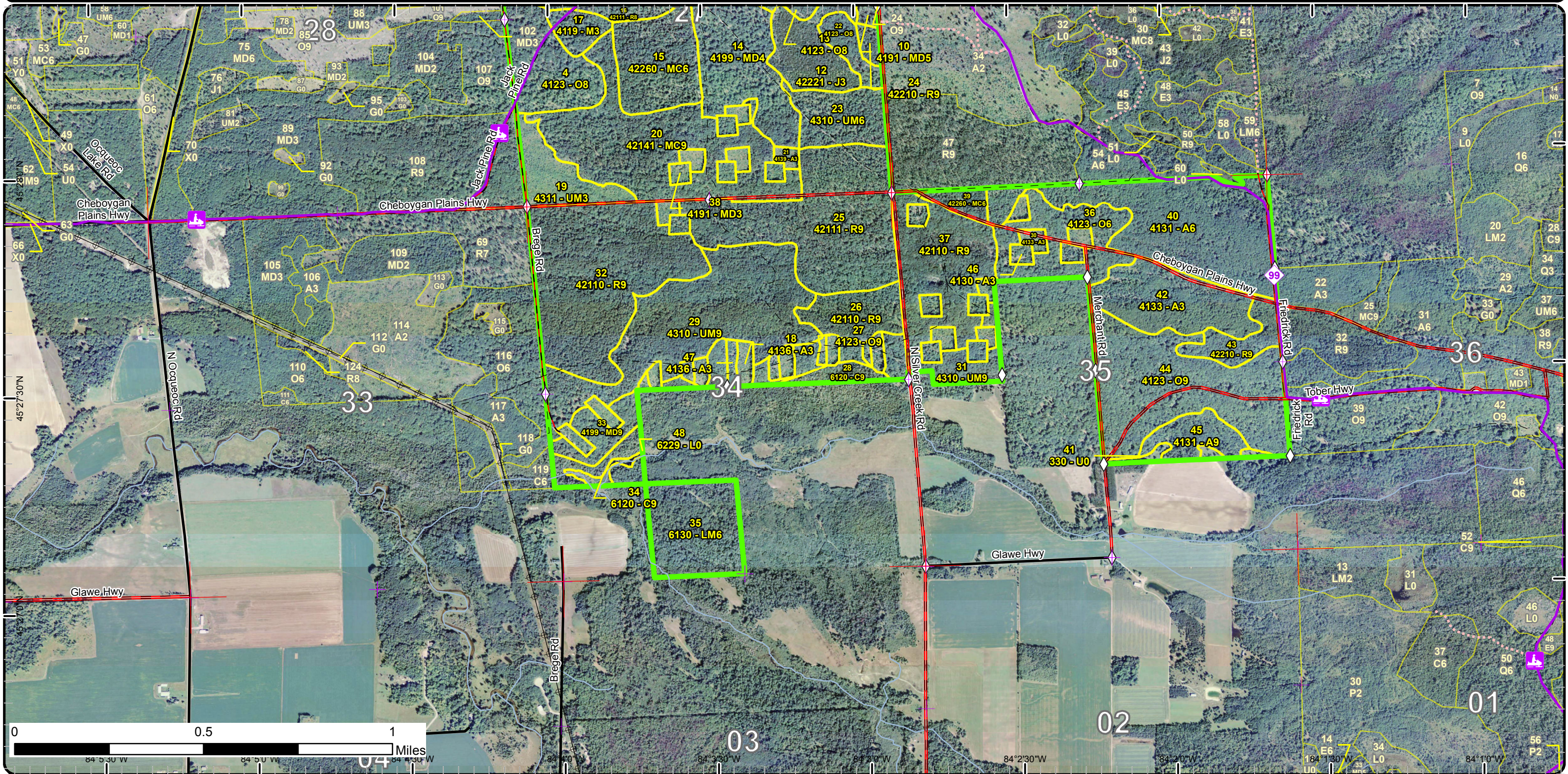


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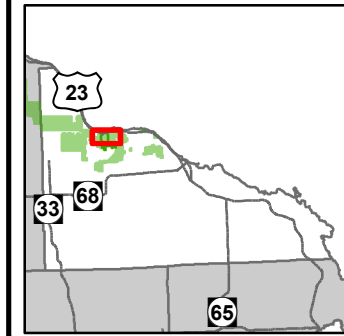
- |   |                              |                                |
|---|------------------------------|--------------------------------|
| + | Remonumented Section Corners | Forest Covertype               |
| ◇ | Field Grade GPS Corners      | 411 - Northern Hardwood        |
| — | Miris Corners                | 412 - Oak Types                |
| — | Paved Roads                  | 413 - Aspen                    |
| — | County Gravel Roads          | 419 - Mixed Upland Deciduous   |
| — | Poor Dirt Roads              | 421 - Planted Pines            |
| — | County Poor Dirt Roads       | 422 - Natural Pines            |
| — | Closed Roads                 | 430 - Upland Mixed Fores       |
| ⚡ | Snowmobile Trails            | 612 - Upland Coniferous Forest |
| ⚡ | Designated Snowmobile Trails | 613 - Lowland Mixed Forest     |
| — | Rivers                       | Non-Forest Covertype           |
| ⚡ | Powerline                    | 330 - Low Density Trees        |
| □ | Stand Boundaries             | 622 - Lowland Shrub            |



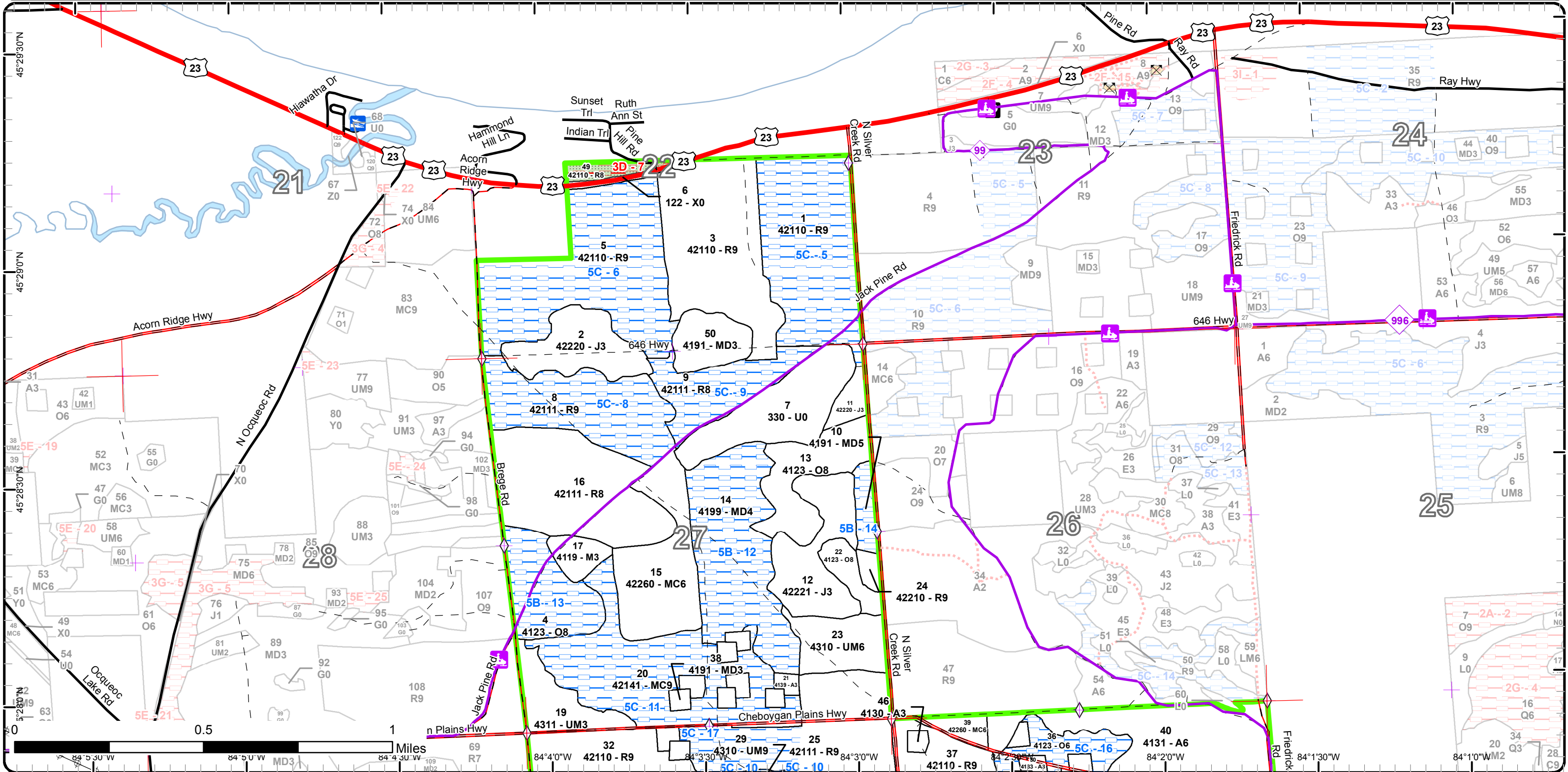


# Special Conservation Areas & Site Conditions Map

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- Stand Boundaries
- SCA Recommendation**
- SCA
- Site Condition**
- Available w/ Constraints
- Unavailable
- Available Factors W/ Constraints**
- 5B: Maintain for regeneration purposes
- 5C: Delay treatment for age/size class diversity or exceptional site quality
- Unavailable Factors**
- 3D: Recreational / Scenic values
- Cold Water Streams
- Cold Water Lakes
- Sand or Gravel Pit
- Sand or Gravel Pit
- Recreational/Scenic Value Area







# Report 1 – Total Acres by Cover Type and Age Class

Atlanta Mgt. Unit  
Chad Fate : Examiner

Compartment 162 Year of Entry 2017



## Age Class

	Non-Forest	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100-109	110-119	120-129	130-139	140-149	150+	Uneven-Aged	Total
Aspen	0	37	22	39	79	0	0	0	0	15	0	0	0	0	0	0	0	0	192
Cedar	0	0	0	0	0	0	0	0	0	0	0	0	14	0	0	0	0	0	14
Jack Pine	0	0	30	42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	72
Low-Density Trees	45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	45
Lowland Mixed Forest	0	0	0	0	0	0	0	0	0	41	0	0	0	0	0	0	0	0	41
Lowland Shrub	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Mixed Upland Deciduous	0	0	26	0	0	0	0	0	0	0	92	0	0	0	0	0	0	0	118
Natural Mixed Pines	0	0	0	0	0	45	0	0	7	0	0	0	0	0	0	0	0	0	52
Northern Hardwood	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
Oak	0	0	0	0	0	0	0	0	0	32	171	0	0	0	0	0	0	0	203
Planted Mixed Pines	0	0	0	0	0	0	0	0	0	80	0	0	0	0	0	0	0	0	80
Red Pine	0	0	0	0	0	0	0	0	48	607	14	4	0	0	0	0	0	0	673
Upland Mixed Forest	0	21	0	0	0	23	0	0	12	89	0	0	0	0	0	0	0	0	145
Urban	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
<b>Total</b>	<b>51</b>	<b>58</b>	<b>87</b>	<b>81</b>	<b>79</b>	<b>68</b>	<b>0</b>	<b>0</b>	<b>67</b>	<b>864</b>	<b>277</b>	<b>4</b>	<b>14</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1650</b>



## Report 2 – Treatment Summary

Atlanta Mgt. Unit  
Year of Entry: 2017

Acres of Harvest

Compartment 162  
Total Compartment Acres: 1,650

Commercial Harvest - 479  
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	15	0	0	0	0	0	0	0	0	15
Mixed Upland Deciduous	13	0	0	0	0	0	0	0	0	13
Oak	121	0	0	0	0	0	0	0	0	121
Red Pine	331	0	0	0	0	0	0	0	0	331
<b>Total</b>	<b>479</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>479</b>

### Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	479	0	0	0	0	0	121	0	0	601
Next Step	0	423	331	0	0	331	810	0	0	1894
<b>Total</b>	<b>479</b>	<b>423</b>	<b>331</b>	<b>0</b>	<b>0</b>	<b>331</b>	<b>931</b>	<b>0</b>	<b>0</b>	<b>2494</b>



Stand	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Approval Status
3	54162003-Cut	74.0	42110 - Planted Red Pine	Sawtimber Well	85	111-140	Harvest	Clearcut with Retention	4211 - Planted Red Pine	Even-Aged	Approved Proposal
<b>Habitat Cut: No</b>			<b>Site Condition:</b>								
<u>Prescription</u>			Clearcut. Leave retention in the northwest corner of the stand to help with visual from US-23. Cut all trees 2" dbh and larger, Chip tops and low stumps. plant red pine.								
<u>Specs:</u>											
<u>Next Step Treatments:</u>			SitePrep, Trenching; Planting, Initial Plant; Monitoring, Artificial Regen(1yr); Pesticide, Aerial; Monitoring, Artificial Regen(3yr)								
<u>Acceptable Regen:</u>			fully stocked stand of planted red pine.								
<u>Other Comment:</u>			Old next step comments:								
<u>Proposed Start Date:</u>			10/1 /2016								
7	54162007-Monitor	41.1	330 - Low-Density Trees	Nonstocked		Unspecified	Monitoring	Artificial Regen(3yr)	4211 - Planted Red Pine	Even-Aged	Draft Field Boundary
<b>Habitat Cut: No</b>			<b>Site Condition:</b>								
<u>Prescription</u>			3 year regen survey 2015								
<u>Specs:</u>											
<u>Next Step Treatments:</u>											
<u>Acceptable Regen:</u>			fully stocked stand of red pine								
<u>Other Comment:</u>			Old next step comments:								
<u>Proposed Start Date:</u>			10/1 /2014								
13	54162013-Cut	30.8	4123 - Red Oak	Sawtimber Medium	95	51-80	Harvest	Clearcut with Retention	4123 - Red Oak	Even-Aged	Approved Proposal
<b>Habitat Cut: No</b>			<b>Site Condition:</b>								
<u>Prescription</u>			Clearcut, put retention pockets around larger mast oak trees and pockets of pine saplings. Cut all trees 2" dbh and larger.								
<u>Specs:</u>											
<u>Next Step Treatments:</u>											
<u>Acceptable Regen:</u>			medium to fully stocked stand of oak with mixed deciduous and mixed pine including red oak, red maple, aspen, red pine, and jack pine.								
<u>Other Comment:</u>			Old next step comments:								
<u>Proposed Start Date:</u>			10/1 /2016								
16	54162016-Cut	70.2	42111 - Planted Red Pine, Mixed Deciduous	Sawtimber Medium	84	51-80	Harvest	Clearcut with Retention	4211 - Planted Red Pine	Even-Aged	Approved Proposal
<b>Habitat Cut: No</b>			<b>Site Condition:</b>								
<u>Prescription</u>			clearcut, 3-10% retention should be focused in one pocket near the stand edge to help facilitate future treatments. cut trees 2" dbh and larger, chip tops, and low stumps. Plant red pine. Use Trail specs.								
<u>Specs:</u>											
<u>Next Step Treatments:</u>			SitePrep, Trenching; Planting, Initial Plant; Monitoring, Artificial Regen(1yr); Pesticide, Aerial; Monitoring, Artificial Regen(3yr)								
<u>Acceptable Regen:</u>			fully stocked stand of red pine with a component of red oak.								
<u>Other Comment:</u>			Old next step comments:								
<u>Proposed Start Date:</u>			10/1 /2016								





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
18	54162018-Monitor	17.0	4136 - Aspen, Mixed Conifer	Sapling Well	7	Immature	Monitoring	Natural Regen (Re-Inventory)	4131 - Aspen, Oak	Even-Aged	Draft Field Boundary

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

Prescription check regen during 2015 inventory YOY17

Specs:

Next Step

Treatments:

Acceptable Mix of aspen oak and pine

Regen:

Other Old next step comments:

Comment:

Proposed Start Date: 10/1 /2014

19	54162019-Monitor	20.8	4311 - Pine, Aspen Mix	Sapling Well	7	Immature	Monitoring	Natural Regen (Re-Inventory)	4221 - Natural Red Pine	Even-Aged	Draft Field Boundary
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**Habitat Cut: No****Site Condition:**

Prescription check regen during 2015 inventory YOY17

Specs:

Next Step

Treatments:

Acceptable fully stocked stand of Red pine with mixed deciduous

Regen:

Other Old next step comments:

Comment:

Proposed Start Date: 10/1 /2014

21	54162021-Monitor	10.0	4139 - Aspen, Mixed Deciduous	Sapling Well	7	Immature	Monitoring	Natural Regen (Re-Inventory)	4131 - Aspen, Oak	Even-Aged	Draft Field Boundary
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**Habitat Cut: No****Site Condition:**

Prescription check regen during 2015 inventory YOY17

Specs:

Next Step

Treatments:

Acceptable mix of aspen, oak, and pine

Regen:

Other Old next step comments:

Comment:

Proposed Start Date: 10/1 /2014

22	54162022-Cut	9.3	4123 - Red Oak	Sawtimber Medium	95	51-80	Harvest	Clearcut with Retention	4123 - Red Oak	Even-Aged	Approved Proposal
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**Habitat Cut: No****Site Condition:**

Prescription clearcut, focus retention pocket around larger mast oak trees. cut trees 2" dbh and larger

Specs:

Next Step

Treatments:

Acceptable medium to fully stocked stand of red oak with a mix of red maple, aspen, red pine and jack pine.

Regen:

Other Old next step comments:

Comment:

Proposed Start Date: 10/1 /2016



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
25	54162025-Cut	61.2	42111 - Planted Red Pine, Mixed Deciduous	Sawtimber Well	84	81-110	Harvest	Clearcut with Retention	4211 - Planted Red Pine	Even-Aged	Approved Proposal

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

Prescription clearcut, leave retention in one pocket near stand edge to help facilitate future treatments. cut all trees 2" dbh and larger, chip tops, low stumps,  
Specs: replant to red pine.

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

Acceptable fully stocked stand of planted red pine.  
Regen:

Other Old next step comments:  
Comment:

Proposed Start Date: 10/1 /2016

25	54162025- Monitor	22.6	42111 - Planted Red Pine, Mixed Deciduous	Sawtimber Well	84	81-110	Monitoring	Natural Regen (Re-Inventory)	42210 - Natural Red Pine	Two-Aged	Draft Field Boundary
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**Habitat Cut: No****Site Condition: Age-Class or Site Quality**

Prescription check during 2015 inventory YOE17  
Specs:

Next Step  
Treatments:

Acceptable natural red pine regen under a shelterwood of red pine  
Regen:

Other Old next step comments:  
Comment:

Proposed Start Date: 10/1 /2014

26	54162026-Cut	19.2	42110 - Planted Red Pine	Sawtimber Well	84	81-110	Harvest	Clearcut with Retention	4211 - Planted Red Pine	Even-Aged	Approved Proposal
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**Habitat Cut: No****Site Condition:**

Prescription clearcut, leave retention in one pocket near the stand edge to help facilitate future treatments. cut all trees 2" dbh and larger, chip tops, and low  
Specs: stumps, plant red pine.

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

Acceptable fully stocked stand of red pine  
Regen:

Other Old next step comments:  
Comment:

Proposed Start Date: 10/1 /2016

30	54162030- Monitor	9.7	4133 - Aspen, Mixed Pine	Sapling Well	7	Immature	Monitoring	Natural Regen (Re-Inventory)	4131 - Aspen, Oak	Even-Aged	Draft Field Boundary
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**Habitat Cut: No****Site Condition:**

Prescription check regen in 2015 inventory YOE17  
Specs:

Next Step  
Treatments:

Acceptable mix of aspen, oak and pine  
Regen:

Other Old next step comments:  
Comment:

Proposed Start Date: 10/1 /2014



Stand	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Approval Status
32	54162032-Cut	92.0	42110 - Planted Red Pine	Sawtimber Well	84	111-140	Harvest	Clearcut with Retention	4211 - Planted Red Pine	Even-Aged	Approved Proposal

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

Prescription Specs: Clearcut, leave retention in one pocket in the northwest corner of the stand. Cut all trees 2" dbh and larger, chip tops, and low stumps, plant red pine.

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

Acceptable Regen: fully stocked stand of planted red pine. A component of Red oak is also acceptable.

Other Comment: thick maple regen in pockets, may need herbicide and/or mechanical site prep. Old next step comments:

Proposed Start Date: 10/1 /2016

33	54162033-Cut	12.9	4199 - Other Mixed Upland Deciduous	Sawtimber Well	95	81-110	Harvest	Clearcut with Retention	4199 - Other Mixed Upland Deciduous	Even-Aged	Approved Proposal
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**Habitat Cut: No****Site Condition:**

Prescription Specs: clearcut, cut all trees 2" dbh and larger, stay off of the steep slopes going down to stand 34. May have to leave retention along the southern edge of the stand due to slopes.

Next Step Treatments:

Acceptable Regen: medium to fully stocked stand of a mix of red oak, red maple, red pine, and aspen.

Other Comment: Old next step comments:

Proposed Start Date: 10/1 /2016

43	54162043-Cut	13.9	42210 - Natural Red Pine	Sawtimber Well	92	111-140	Harvest	Clearcut with Retention	4211 - Planted Red Pine	Even-Aged	Approved Proposal
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**Habitat Cut: No****Site Condition:**

Prescription Specs: clearcut and replant red pine, cut all trees 2" dbh and larger, chip tops, low stumps. leave retention in one pocket near the stand edge between stands 43 and 44.

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

Acceptable Regen: fully stocked stand of red pine, oak mixed in is also acceptable.

Other Comment: Old next step comments:

Proposed Start Date: 10/1 /2016

44	54162044-Cut	80.8	4123 - Red Oak	Sawtimber Well	96	81-110	Harvest	Clearcut with Retention	4123 - Red Oak	Even-Aged	Approved Proposal
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**Habitat Cut: No****Site Condition:**

Prescription Specs: Clearcut, cut all trees 2" dbh and larger. leave retention in pockets around larger mast producing oaks and around pockets of advance pine regen.

Next Step Treatments:

Acceptable Regen: A mix of red oak with red maple, aspen, and/or pine. Medium to fully stocked stand.

Other Comment: Old next step comments:

Proposed Start Date: 10/1 /2016



Stand Name	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Approval Status
45	54162045-Cut	15.1	4131 - Aspen, Oak	Sawtimber Well	83	Unspec ified	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	Approved Proposal

**Habitat Cut: No**

**Site Condition:**

Prescription clearcut, leave retention pocket on northern side of stand between stands 44 and 45 to help break up visual. Cut all trees 2 " dbh and larger, use  
Specs: grouse drumming log specs.

Next Step  
Treatments:

Acceptable Fully stocked stand of aspen with a mix of red oak, red maple, and pine.  
Regen:

Other Old next step comments:

Comment:

Proposed Start Date: 10/1 /2016

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**Total Treatment  
Acreage Proposed: 600.7**



## Report 5 – Site Conditions

Atlanta Mgt. Unit  
Chad Fate : Examiner

Compartment: 162  
Year of Entry: 2017

### Availability for Management

Total Acres	Acres Available	Acres Avail		Dominant Site Conditions	Dominant Site Conditions				
		With Condition	Not Available		5B	5C	2F	3D	3J
192	192	0	0	Aspen					
14	0	0	14	Cedar			14		
72	72	0	0	Jack Pine					
45	45	0	0	Low-Density Trees					
41	0	0	41	Lowland Mixed Forest					41
3	0	0	3	Lowland Shrub					3
118	39	79	0	Mixed Upland Deciduous	79				
52	52	0	0	Natural Mixed Pines					
9	9	0	0	Northern Hardwood					
204	121	83	0	Oak	33	49			
80	0	80	0	Planted Mixed Pines		80			
672	383	283	7	Red Pine		283		7	
145	55	89	0	Upland Mixed Forest		89			
3	3	0	0	Urban					
1,650	971	614	65	Total Forested Acres	112	502	14	7	44
	59%	37%	4%	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	2F: Too steep	8	2G: Too wet (sensitive soils, does not include access issues)	3H: Deer Wintering Areas	3J: Water quality / BMPs (stream, river, or lake)	Unspecified
<b>Comments:</b>							
2	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	3	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							

## Report 5 – Site Conditions

Atlanta Mgt. Unit  
Chad Fate : Examiner

Compartment: 162  
Year of Entry: 2017

3	<b>Unavailable</b>	<b>3J: Water quality / BMPs (stream, river, or lake)</b>	42	2A: Adjacent landowner denied access	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
4	<b>Unavailable</b>	<b>2F: Too steep</b>	6	2G: Too wet (sensitive soils, does not include access issues)	3H: Deer Wintering Areas	3J: Water quality / BMPs (stream, river, or lake)	Unspecified
<b>Comments:</b>							
5	<b>Available</b>	<b>5C: Delay treatment for age/size class diversity or exceptional site quality</b>	78	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
6	<b>Available</b>	<b>5C: Delay treatment for age/size class diversity or exceptional site quality</b>	96	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
7	<b>Unavailable</b>	<b>3D: Recreational / Scenic values</b>	7	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> Road side park and scenic overlook							
8	<b>Available</b>	<b>5C: Delay treatment for age/size class diversity or exceptional site quality</b>	55	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							

## Report 5 – Site Conditions

Atlanta Mgt. Unit  
Chad Fate : Examiner

Compartment: 162  
Year of Entry: 2017

9	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	31	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
10	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	89	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
11	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	80	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
12	Available	5B: Maintain for regeneration purposes	71	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> hold 10-20 years. then remove overstory.							
13	Available	5B: Maintain for regeneration purposes	33	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
14	Available	5B: Maintain for regeneration purposes	8	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> take overstory off in 10-20 years							

## Report 5 – Site Conditions

Atlanta Mgt. Unit  
Chad Fate : Examiner

Compartment: 162  
Year of Entry: 2017

15	<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>							
16	<b>Available</b>	<b>5C: Delay treatment for age/size class diversity or exceptional site quality</b>	32	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>	23	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							



**Report 6 – 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>Scenic Turn Off</b>	Visual Management Area	Recreational/Scenic Value Area	<b>Proposed SCA</b>	7
<b>Comments</b>				
US-23 Scenic Turn Off				

**Report 7 – 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

<b>Conservation Area</b>	<b>Type</b>	<b>Description</b>
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.
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.



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## Atlanta Mgt. Unit

## Report 8 – Forested Stands

Compartment: 162  
Year of Entry: 2017

Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
42110 - Planted Red Pine	Sawtimber Well	77.6	85	81-110	smaller diameters and shorter heights on the north end of the stand.
42220 - Natural Jack Pine	Sapling Well	30.0	17	Immature	
42110 - Planted Red Pine	Sawtimber Well	74.3	85	111-140	Thinned in 1998, SALE # 6-97
4123 - Red Oak	Sawtimber Medium	33.3	91	51-80	Shelterwood in 08
42110 - Planted Red Pine	Sawtimber Well	96.2	85	81-110	
42111 - Planted Red Pine, Mixed Deciduous	Sawtimber Well	55.4	84	81-110	thinned in 2008.
42111 - Planted Red Pine, Mixed Deciduous	Sawtimber Medium	30.9	84	81-110	Thinned in 2008 sale # 54-039-07-01
4191 - Mixed Upland Deciduous with Conifer	Poletimber Medium	7.9	90	Unspecified	
42220 - Natural Jack Pine	Sapling Well	6.6	27	Immature	
42221 - Natural Jack Pine, Mixed Deciduous	Sapling Well	35.8	27	Immature	
4123 - Red Oak	Sawtimber Medium	30.8	95	51-80	
4199 - Other Mixed Upland Deciduous	Poletimber Poor	71.0	95	51-80	shelterwood in 1999. overstory oak is approximately 50 BA
42260 - Natural Pine, Mixed Deciduous	Poletimber Well	45.4	40	Unspecified	very mixed stand
42111 - Planted Red Pine, Mixed Deciduous	Sawtimber Medium	70.2	84	51-80	shelterwood in 2008
4119 - Mixed Northern Hardwoods	Sapling Well	8.8	16	Immature	
4136 - Aspen, Mixed Conifer	Sapling Well	17.0	7	Immature	strips cut in 2008
4311 - Pine, Aspen Mix	Sapling Well	20.8	7	Immature	cut in 2008, nice pockets of thick red pine regen
42141 - Planted Mixed Pine, Mixed Deciduous	Sawtimber Well	79.9	84	81-110	

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## Atlanta Mgt. Unit

## Report 8 – Forested Stands

Compartment: 162  
Year of Entry: 2017

	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
21	4139 - Aspen, Mixed Deciduous	Sapling Well	10.0	7	Immature	
22	4123 - Red Oak	Sawtimber Medium	9.3	95	51-80	
23	4310 - Pine, Oak Mix	Poletimber Well	22.7	40	81-110	
24	42210 - Natural Red Pine	Sawtimber Well	3.5	105	111-140	
25	42111 - Planted Red Pine, Mixed Deciduous	Sawtimber Well	83.8	84	81-110	thinned in 2008, open areas w/ good red pine regen
26	42110 - Planted Red Pine	Sawtimber Well	19.2	84	81-110	Thinned in 2008
27	4123 - Red Oak	Sawtimber Well	17.6	95	111-140	
28	6120 - Lowland Cedar	Sawtimber Well	6.3	116	141-170	steep slope on the north edge of the stand. access is very difficult. good deer winter cover.
29	4310 - Pine, Oak Mix	Sawtimber Well	89.4	84	51-80	Variable stand of red pine and oak logs and poles with thick aspen, oak, and pine filling in the gaps
30	4133 - Aspen, Mixed Pine	Sapling Well	9.7	7	Immature	
31	4310 - Pine, Oak Mix	Sawtimber Well	11.9	77	111-140	
32	42110 - Planted Red Pine	Sawtimber Well	92.0	84	111-140	
33	4199 - Other Mixed Upland Deciduous	Sawtimber Well	12.9	95	81-110	steep slopes along south end of the stand
34	6120 - Lowland Cedar	Sawtimber Well	8.0	116	141-170	Steep slopes on north side of the stand. sensitive soils with seeps.
35	6130 - Fir, Aspen, Maple	Poletimber Well	41.5	86	Unspecified	OPIC - FMD: PROTECT STREAMS-SPECIAL CONCERN SPECIES
36	4123 - Red Oak	Poletimber Well	31.9	88	111-140	
37	42110 - Planted Red Pine	Sawtimber Well	48.4	77	141-170	
38	4191 - Mixed Upland Deciduous with Conifer	Sapling Well	8.7	17	Immature	

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Atlanta Mgt. Unit

## Report 8 – Forested Stands

Compartment: 162  
Year of Entry: 2017

	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
39	42260 - Natural Pine, Mixed Deciduous	Poletimber Well	6.6	79	81-110	
40	4131 - Aspen, Oak	Poletimber Well	78.9	35	1-50	small diameter poles and saplings. Pockets of mixed pine. Higher density oak along Cheboygan Plains Road.
42	4133 - Aspen, Mixed Pine	Sapling Well	39.3	27	Immature	
43	42210 - Natural Red Pine	Sawtimber Well	13.9	92	111-140	Nice red pine poles
44	4123 - Red Oak	Sawtimber Well	80.8	96	81-110	very mixed stand with pockets of thick red and white pine regen.
45	4131 - Aspen, Oak	Sawtimber Well	15.1	83	Unspecified	
46	4130 - Aspen	Sapling Well	14.9	17	Immature	
47	4136 - Aspen, Mixed Conifer	Sapling Well	6.8	17	Immature	strips cut in 1998
49	42110 - Planted Red Pine	Sawtimber Medium	6.8	85	51-80	Road Side Park and scenic overlook.
50	4191 - Mixed Upland Deciduous with Conifer	Sapling Well	17.5	17	Immature	



Stand	Cover Type	Acres	Managed Site	General Comments:
6	122 - Road/Parking Lot	3.2	No	
7	330 - Low-Density Trees	41.1		cut in 2008/09 and planted in 2012
41	330 - Low-Density Trees	4.1	No	
48	6229 - Mixed lowland shrub	2.7	No	some beaver activity, silver creek and tributaries flow through stand.