



**ATLANTA FOREST MANAGEMENT UNIT**  
**COMPARTMENT REVIEW PRESENTATION**  
**COMPARTMENT 065 ENTRY YEAR: 2012**

**Compartment Acreage: 1962      County: Montmorency**

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**Revision Date:** October 26, 2010

**Stand Examiner:** Major

**Legal Description:** T32N, R2E, Sec. 23, 26, 34 & 35

**RMU (if applicable):** Thunder Bay Outwash

**Management Goals:** Maintain aspen and oak.

**Soil and Topography:** Terrain varies greatly from one area to another from moderately rolling to rolling to somewhat steep. Mostly aspen/oak with some Jack pine in the southwest and conifer in the northeast. PArVHa/PArVVb, PVCd, AFO,

**Ownership Patterns, Development, and Land Use in and Around the Compartment:** North portion is mostly state ownership with an 80-acre block of hunting land. The southwest, Clear Lake residential area and State park lands. In the east is 240 acres of private with multiple ownership's, from the Atlanta Rod & Gun Club to full time residences to vacation cabins. Some Antrim gas activity in the southeast.

**Unique, Natural Features (include only non-site specific and non-sensitive information):** None reported.

**Archeological, Historical, and Cultural Features (include only non-site specific and non-sensitive information):** One or more occurrences have been reported for this compartment.

**Special Management Designations or Considerations:** None reported.

**Watershed and Fisheries Considerations:** Clear Lake is a cold water lake.

**Wildlife Habitat Considerations:** This compartment is primarily aspen, oak, and hardwoods with several small openings and cedar swamp to the north. Mast trees are common in the existing hardwood and oak stands, providing a good source of food for wild turkey, ruffed grouse, squirrels, and white-tailed deer. The mixture of forest types provides habitat for several bird species like pileated woodpecker, barred owl, screech owl, red-eyed vireo, black-throated green warbler, among others. Areas of cedar left uncut within this compartment will provide cover for deer in winter, habitat for a number of bird species such as Blackburnian warbler, and conditions required by several amphibian species.

**Mineral Resource and Development Concerns and/or Restrictions:** Surface sediments consist of glacial outwash sand and gravel and postglacial alluvium and coarse-textured glacial till. The glacial drift thickness varies between 200 and 400 feet. Beneath the glacial drift is the Devonian Antrim Shale. There is no known economic use for the Antrim Shale. The nearest gravel pits lie outside the compartment to the north and in the compartment in Section 34 and potential is considered to be good. Most of this area is leased and has been drilled and is in production from the Antrim Shale.

**Vehicle Access:** Roads to be closed are shown on the compartment map as closed or abandoned.

**Survey Needs:** None.

**Recreational Facilities and Opportunities:** The following types of trails run through the compartment: ORV trail/MCCCT, ORV route/snowmobile trail, and the High Country Pathway. Clear Lake State Park is adjacent. The park prepares a dog sled trail for an annual race held at the park. Part of this trail runs over compartment 65.

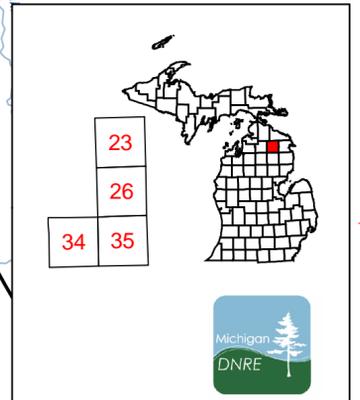
**Fire Protection:** Adequate.

**Additional Compartment Information:**

- **The following 5 reports from the Operations Inventory System (OIPC) are attached:**
  - ◆ **Cover Type by Age Class**
  - ◆ **Cover Type by Management Objective**
  - ◆ **Compartment Volume Summary**
  - ◆ **Proposed Treatments – No Limiting Factors**
  - ◆ **Proposed Treatments – With Limiting Factors**
  
- **The following information is displayed, where pertinent, on the attached compartment maps:**
  - ◆ **Base feature information, stand numbers, cover types**
  - ◆ **Proposed treatments**
  - ◆ **Proposed road access system**
  - ◆ **Suggested potential old growth**

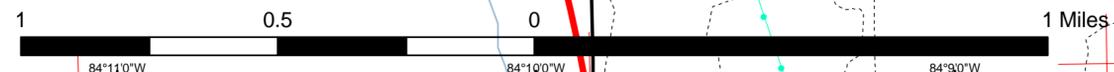
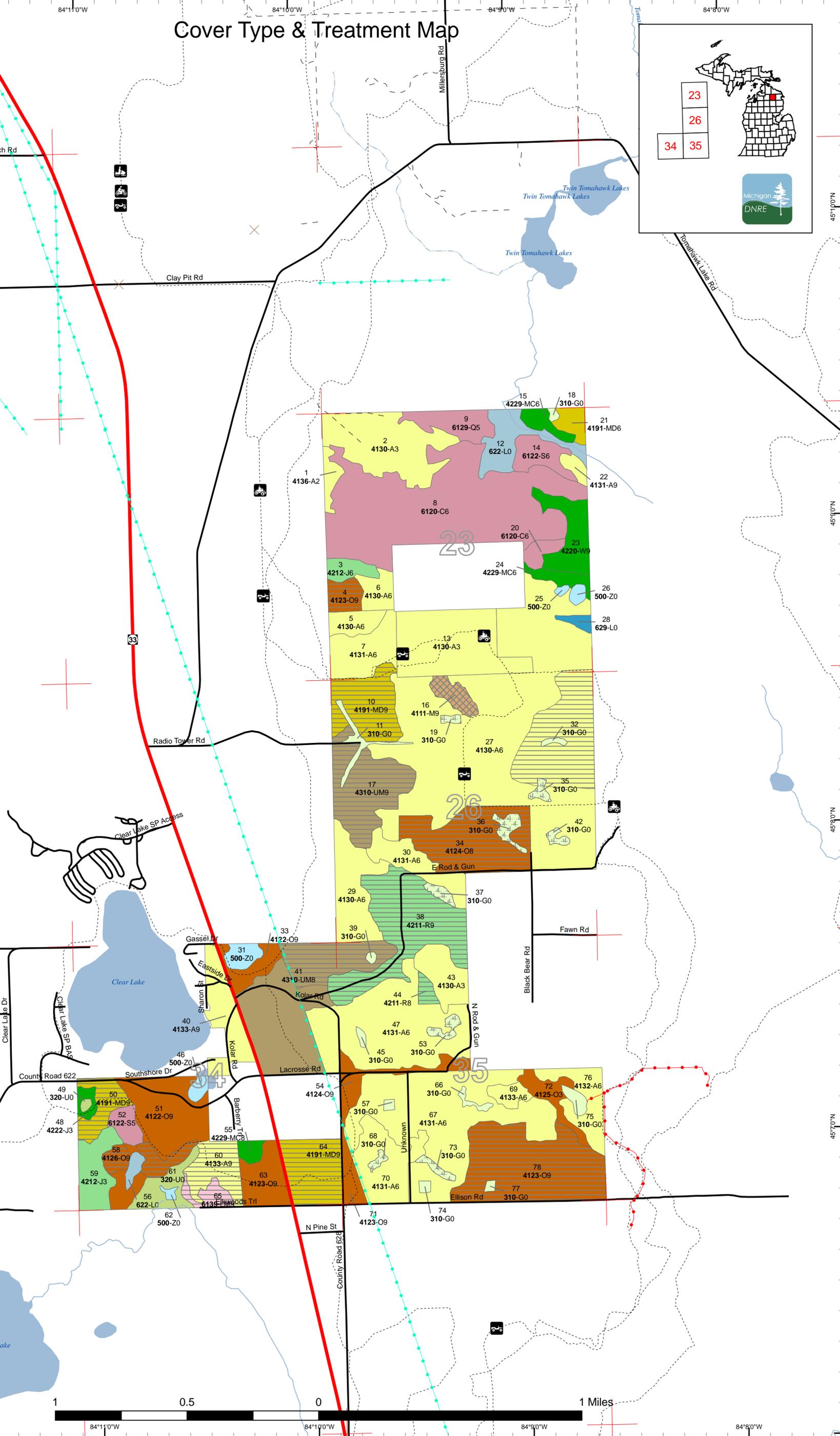
# Cover Type & Treatment Map

Compartment 65  
 T32N, R02E, Sec. 23, 26, 34 & 35  
 County: Montmorency  
 Unit: Atlanta  
 YOE: 2012  
 Acres: 1,962 GIS Calculated  
 Stand Examiner: Jeffrey Major  
 Map Revised: 8/16/2010  
 Map Phase: Pre-Review



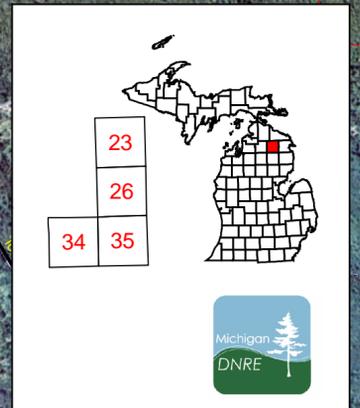
**Stand #**  
 23  
**Stocking Density**  
 (4120) - A7  
 Level 3 OI  
 Level 4 Code  
**Cover Type Code**

- Legend**
- Miris Corners
  - Highway
  - Paved Roads
  - Poor Dirt Roads
  - Trails
  - Pipeline
  - Powerline
  - Intermittent Stream/Drain
  - Stream
  - Lakes and Rivers
  - X Berm
  - ORV ORV Trails
  - ORV ORV Routes
  - MOT Motorcycle Trails
  - SNOW Snowmobile Trails
- Treatments**
- Clearcut (w/Reserves, Patch/Strip)
  - Selection (Group, Single Tree)
  - Other Treatment - See Comments
- Forest Stands**
- Level 3
- 411 - Northern Hardwood
  - 412 - Oak Types
  - 413 - Aspen Types
  - 419 - Mixed Upland Deciduous
  - 421 - Planted Pines
  - 422 - Natural Pines
  - 431 - Upland Mixed Forest
  - 612 - Lowland Coniferous Forest
  - 613 - Lowland Mixed Forest
- Non-Forest Stands**
- Level 3
- 310 - Herbaceous Openland
  - 320 - Upland Shrub
  - 500 - Water
  - 622 - Lowland Shrub
  - 629 - Mixed non-forested wetland



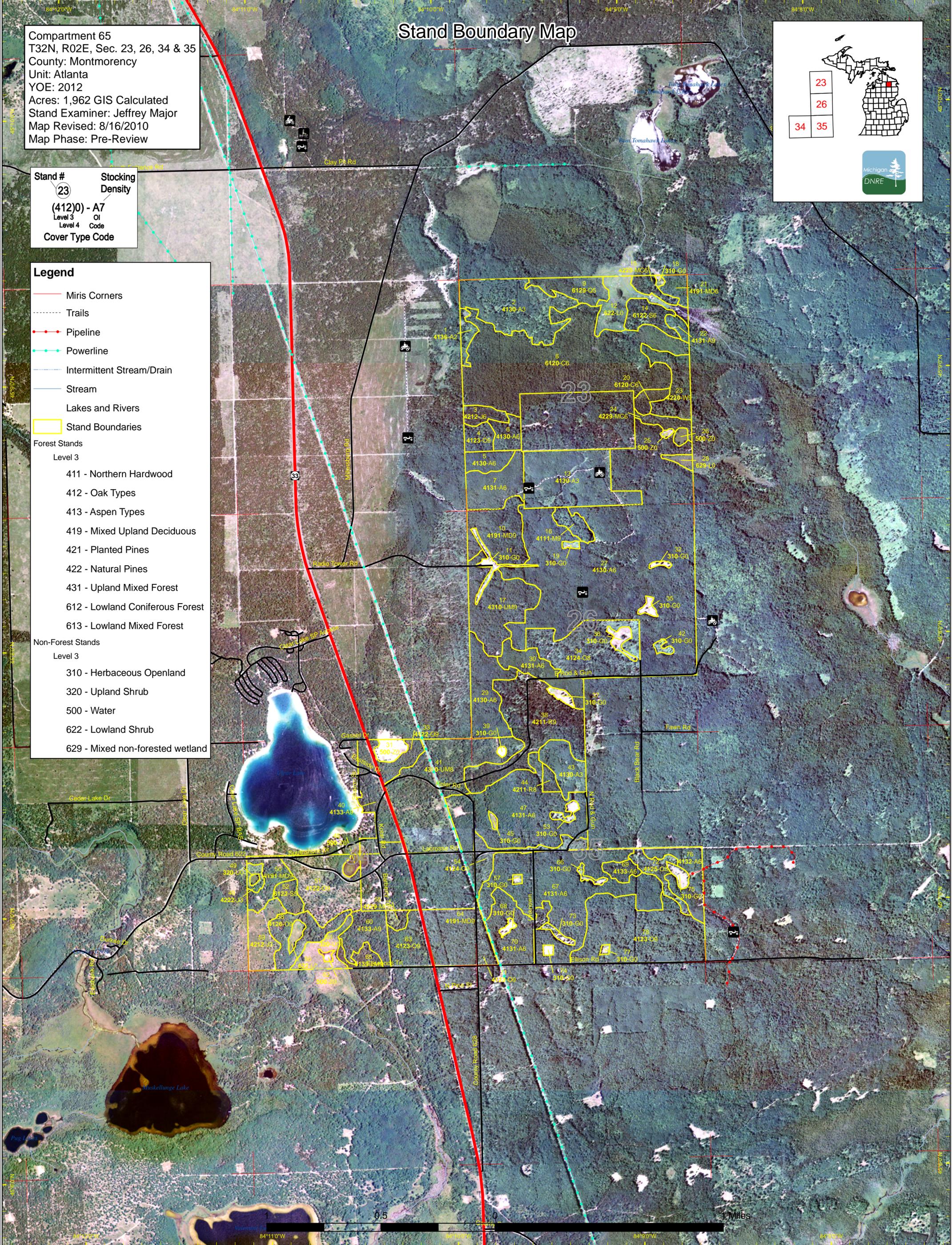
# Stand Boundary Map

Compartment 65  
 T32N, R02E, Sec. 23, 26, 34 & 35  
 County: Montmorency  
 Unit: Atlanta  
 YOE: 2012  
 Acres: 1,962 GIS Calculated  
 Stand Examiner: Jeffrey Major  
 Map Revised: 8/16/2010  
 Map Phase: Pre-Review



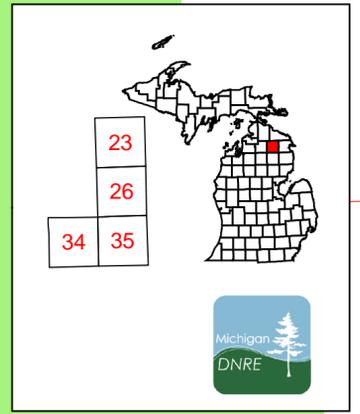
**Stand #**  
 23  
**Stocking Density**  
 (4120) - A7  
 Level 3 OI  
 Level 4 Code  
**Cover Type Code**

- Legend**
- Miris Corners
  - Trails
  - Pipeline
  - Powerline
  - Intermittent Stream/Drain
  - Stream
  - Lakes and Rivers
  - Stand Boundaries
- Forest Stands**
- Level 3
- 411 - Northern Hardwood
  - 412 - Oak Types
  - 413 - Aspen Types
  - 419 - Mixed Upland Deciduous
  - 421 - Planted Pines
  - 422 - Natural Pines
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- Level 3
- 310 - Herbaceous Openland
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  - 622 - Lowland Shrub
  - 629 - Mixed non-forested wetland



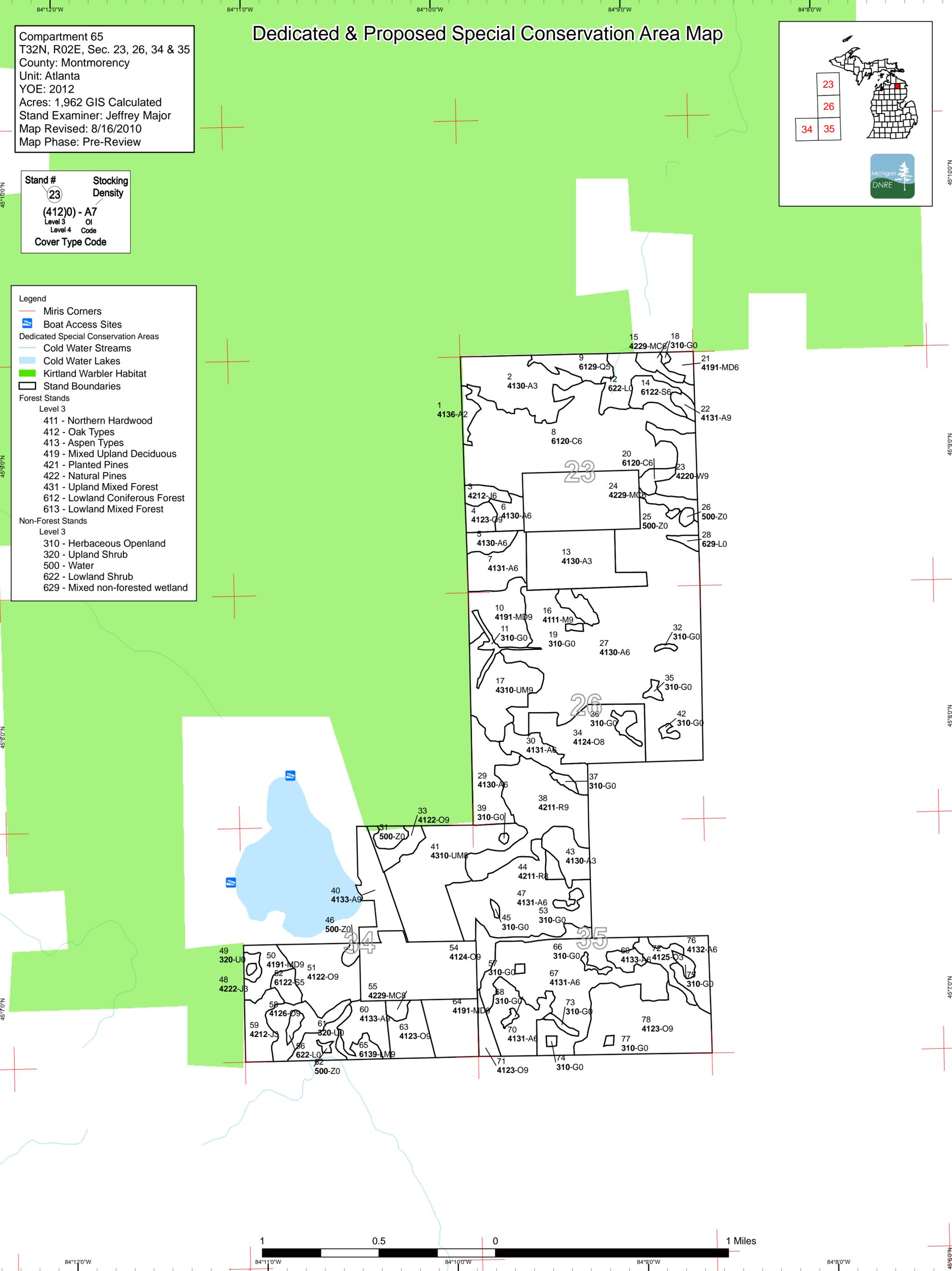
# Dedicated & Proposed Special Conservation Area Map

Compartment 65  
 T32N, R02E, Sec. 23, 26, 34 & 35  
 County: Montmorency  
 Unit: Atlanta  
 YOE: 2012  
 Acres: 1,962 GIS Calculated  
 Stand Examiner: Jeffrey Major  
 Map Revised: 8/16/2010  
 Map Phase: Pre-Review



**Stand #**  
 (4120) - A7  
 Level 3 OI  
 Level 4 Code  
**Stocking Density**  
**Cover Type Code**

- Legend**
- Miris Corners
  - 🚤 Boat Access Sites
  - Dedicated Special Conservation Areas
  - Cold Water Streams
  - Cold Water Lakes
  - 🟢 Kirtland Warbler Habitat
  - ▭ Stand Boundaries
- Forest Stands**
- Level 3
- 411 - Northern Hardwood
  - 412 - Oak Types
  - 413 - Aspen Types
  - 419 - Mixed Upland Deciduous
  - 421 - Planted Pines
  - 422 - Natural Pines
  - 431 - Upland Mixed Forest
  - 612 - Lowland Coniferous Forest
  - 613 - Lowland Mixed Forest
- Non-Forest Stands**
- Level 3
- 310 - Herbaceous Openland
  - 320 - Upland Shrub
  - 500 - Water
  - 622 - Lowland Shrub
  - 629 - Mixed non-forested wetland



84°12'0"W 84°11'0"W 84°10'0"W 84°9'0"W 84°8'0"W 45°10'0"N 45°9'0"N 45°8'0"N 45°7'0"N

**Table 1 – Total Acres by Cover Type and Age Class**

Data updated before 2:00 PM



	Age Class														Total	
	Non-Forested	1-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100-109	110-119	120 +		Uneven Age
Aspen	0	0	92	199	248	361	0	4	0	0	23	0	0	0	0	927
Cedar	0	0	0	0	0	0	0	0	174	0	0	0	0	7	0	181
Herbaceous Openland	41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	41
Jack Pine	0	0	26	0	8	0	0	0	0	0	0	0	0	0	0	34
Lowland Conifers	0	0	0	0	0	0	0	0	18	0	0	0	0	0	0	18
Lowland Mixed Forest	0	0	0	0	0	0	0	0	0	8	0	0	0	0	0	8
Lowland Shrub	31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	31
Lowland Spruce/Fir	0	0	0	0	0	0	0	0	15	8	0	0	0	0	0	23
Mixed Upland Deciduous	0	0	0	0	0	0	0	8	0	86	0	0	0	0	0	93
Natural Mixed Pines	0	0	0	0	8	0	0	0	7	5	0	0	0	0	0	19
Northern Hardwood	0	0	0	0	0	0	0	0	0	0	9	0	0	0	0	9
Oak	0	0	0	13	0	0	0	9	18	141	119	0	0	0	0	299
Red Pine	0	0	0	0	0	0	0	0	0	0	78	0	0	0	0	78
Upland Mixed Forest	0	0	0	0	0	0	0	0	0	145	0	0	0	0	0	145
Upland Shrub	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17
Water	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15
White Pine	0	0	0	0	0	0	0	0	0	0	0	0	24	0	0	24
<b>Total</b>	<b>104</b>	<b>0</b>	<b>118</b>	<b>211</b>	<b>264</b>	<b>361</b>	<b>0</b>	<b>21</b>	<b>232</b>	<b>393</b>	<b>229</b>	<b>0</b>	<b>24</b>	<b>7</b>	<b>0</b>	<b>1962</b>



## Table 2 – Proposed Treatment Summaries

*Data updated before 2:00 PM*

**Atlanta Mgt. Unit**  
**Year of Entry 2012**

**Compartment 065**  
**Total Compartment Acres: 1962**

### Acres by Treatment Type

Commercial Harvest - 519	Site Prep - 0	Tree Planting - 0	Prescribed Burn - 0	Other - 0
Habitat Cut - 0	Opening Maintenance - 22	Tree Seeding - 0	Pesticide - 0	

### Cover Type by Harvest Method

		Clearcut	Selection	Seed Tree	Shelterwood	Thinning	Other - Specify	Total Acres
<b>Aspen</b>	84	0	0	0	0	0	0	84
<b>Lowland Mixed Forest</b>	8	0	0	0	0	0	0	8
<b>Mixed Upland Deciduous</b>	86	0	0	0	0	0	0	86
<b>Northern Hardwood</b>	0	9	0	0	0	0	0	9
<b>Oak</b>	171	0	0	0	0	0	0	171
<b>Red Pine</b>	78	0	0	0	0	0	0	78
<b>Upland Mixed Forest</b>	82	0	0	0	0	0	0	82
<b>Total</b>	<b>510</b>	<b>9</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>519</b>



Data updated before 2:00 PM

Stand	Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
4	54065004-Cut	9.6	4123 - Red Oak	High Density Log	92	Harvest	Clearcut	Other Mixed Upland Deciduous	Cmpt. Review Proposal

Prescription Clearcut. No retention due to size of stand. Expect natural regeneration.

Specs:

Other

Comments:

Next

Steps:

10	54065010-Cut	35.9	4191 - Mixed Upland Deciduous with Conifer	High Density Log	83	Harvest	Clearcut with Reserves	Oak, Pine	Cmpt. Review Proposal
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Prescription clearcut to regenerate. leave up to 3 healthy oak and or white pine per acre for aesthetics and wildlife.

Specs:

Other

Comments: orv trail along north edge of stand. hilly, sandy roads, low visibility around corners. some water barring might be needed at close of sale as its steep and very sandy.

Next

Steps:

16	54065016-Cut	9.1	4111 - S.Maple, Hard Mast Association	High Density Log	94	Harvest	Single Tree Selection	Mixed Northern Hardwoods	Cmpt. Review Proposal
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Prescription Single tree selection. Mark to 70-80 sq. ft. of residual BA.

Specs:

Other

Comments:

Next

Steps:

17	54065017-Cut	49.9	4310 - Pine, Oak Mix	High Density Log	88	Harvest	Clearcut with Reserves	Pine, Oak	Cmpt. Review Proposal
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Prescription clearcut to regenerate. leave up to 3 healthy oak and or white pine per acre for aesthetics and wildlife.

Specs:

Other

Comments: some water barring might be needed at close of sale as its steep and very sandy.

Next

Steps:

27	54065027-Cut	61.8	4130 - Aspen	High Density Pole	41	Harvest	Clearcut	Aspen, Mixed Deciduous	Cmpt. Review Proposal
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Prescription Clearcut. No retention needed as only part of stand is being cut. Expect natural regeneration.

Specs:

Other

Comments:

Next

Steps:

34	54065034-Cut	59.2	4124 - Red with White Oak	Medium Density Log	89	Harvest	Clearcut	Aspen, Oak	Cmpt. Review Proposal
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Prescription Overstory removal to release advanced regen before its gone, also to regenerate oak. Leave up to 2 mature healthy crowned oak for wildlife and aesthetics.

Specs:

Other

Comments: Aspen and red maple cut out of stand in 2002. To much oak residual left from previous cut.

Next

Steps:



Data updated before 2:00 PM

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Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
38 54065038-Cut	73.6	42110 - Planted Red Pine	High Density Log	93	Harvest	Clearcut with Reserves	Mixed Upland Deciduous with Conifer	Cmpt. Review Proposal

Prescription Clearcut. Leave retention along private border. Protect vernal ponds, considering the following (recommendations from BMP manual) as appropriate: "when harvesting occurs, there should be no disturbance to the vernal pool depression. All equipment, trees and tops should be kept out of this area. Within 100 feet or at least one tree length of the pool, it is especially important to avoid deep ruts which can interfere with the movement of salamanders to and from the pools. Equipment should generally only be used when the soil is in a dry or frozen condition to keep rutting to a minimum in this area. Timber harvesting can occur in the area, but the canopy closure should not be reduced to less than 70% to minimize the affect of sun and wind."

Other  
Comments:

Next  
Steps: Burn to reduce slash and hardwood competition, then plant to red pine.

41 54065041-Cut	32.5	4310 - Pine, Oak Mix	Medium Density Log	83	Harvest	Clearcut with Reserves	Mixed Upland Deciduous with Conifer	Cmpt. Review Proposal
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Prescription Overstory removal, leave up to 2 mature healthy crowned oak and or pine for wildlife and aesthetics. Expect natural regen.  
Specs:

Other Aspen and maple cut out in 2004. Overstory removal to release advanced regen before its gone, also to regenerate oak. To much oak and pine  
Comments: residual left from previous cut. Leave up to 2 mature healthy crowned oak or pine for wildlife and aesthetics.

Next  
Steps:

44 54065044-Cut	4.1	42110 - Planted Red Pine	Medium Density Log	93	Harvest	Clearcut	Mixed Upland Deciduous with Conifer	Cmpt. Review Proposal
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Prescription Clearcut, no retention due to size of stand.  
Specs:

Other  
Comments:

Next  
Steps: Burn to reduce slash and hardwood competition, then plant to red pine.

50 54065050-Cut	16.1	4191 - Mixed Upland Deciduous with Conifer	High Density Log	85	Harvest	Clearcut with Reserves	Mixed Upland Deciduous with Conifer	Cmpt. Review Proposal
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Prescription Clearcut with reserves. Leave up to 2-3 mature oak or pine per acre. Buffer vernal pond in stand with paint, no harvest specs.  
Specs:

Other Harvest. Leave up to 2-3 mature oak or pine per acre for wildlife and aesthetics. Hiking trail thru stand. Small vernal pond south of trail. Should  
Comments: at minimum buffer south and east sides of vernal pond.

Next  
Steps:

58 54065058-Cut	15.3	4126 - White, Black, N. Pin Oak	High Density Log	82	Harvest	Clearcut with Reserves	Mixed Upland Deciduous with Conifer	Cmpt. Review Proposal
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Prescription Clearcut. Leave 2-3 mature oak or pine per acre for wildlife. SE portion of stand is a thin ridge between 2 wetland areas, consider leaving this  
Specs: area for retention.

Other  
Comments:

Next  
Steps: Evaluate regen, plant to jack pine if natural regen fails.



Data updated before 2:00 PM

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Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
60 54065060-Cut	22.6	4133 - Aspen, Mixed Pine	High Density Log	90	Harvest	Clearcut with Reserves	Mixed Upland Deciduous with Conifer	Cmpt. Review Proposal

Prescription Clearcut, leave up to 2-3 mature large crowned oak and or pine for aesthetics and wildlife.

Specs:

Other

Comments:

Next

Steps:

64 54065064-Cut	33.6	4191 - Mixed Upland Deciduous with Conifer	High Density Log	83	Harvest	Clearcut with Reserves	Mixed Upland Deciduous with Conifer	Cmpt. Review Proposal
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Prescription Clearcut. Leave up to 2 healthy large crowned oak and pine per acre for wildlife and aesthetics. Leave retention along M33.

Specs:

Other

Comments:

Next

Steps:

65 54065065-Cut	8.1	6139 - Mixed Lowland Forest	High Density Log	87	Harvest	Clearcut	Mixed Upland Deciduous with Conifer	Cmpt. Review Proposal
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Prescription Clearcut. No retention due to size of stand. Expect natural regen.

Specs:

Other

Comments:

Next

Evaluate regen and plant to jack pine if regen fails.

Steps:

78 54065078-Cut	87.1	4123 - Red Oak	High Density Log	92	Harvest	Clearcut with Reserves	Aspen, Mixed Deciduous	Cmpt. Review Proposal
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Prescription clearcut to regenerate stand. leave up to 2 healthy crowned mature oak and or pine per acre for aesthetics and wildlife. Leave retention along

Specs: Ellison Road.

Other

Comments:

Next

Steps:

19 NF_54065019-NonFor	1.4	Non-Forested		0	Non-Forest Management	Other - Specify	Mixed Upland Herbaceous	Cmpt. Review Proposal
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Prescription Maintain as opening through mowing and/or planting to food and cover crops for wildlife

Specs:

Other

Comments:

Next

Monitor for cover type and perform opening maintenance on 5-10 year rotation

Steps:

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Data updated before 2:00 PM

Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
<b>35 NF_54065035-NonFor</b>	2.4	Non-Forested		0	Non-Forest Management	Other - Specify	Mixed Upland Herbaceous	Cmpt. Review Proposal
<u>Prescription</u> Maintain as opening through mowing and/or planting to food and cover crops for wildlife								
<u>Specs:</u>								
<u>Other Comments:</u>								
<u>Next Steps:</u> Monitor for cover type and perform opening maintenance on 5-10 year rotation								
<b>36 NF_54065036-NonFor</b>	5.0	Non-Forested		0	Non-Forest Management	Other - Specify	Mixed Upland Herbaceous	Cmpt. Review Proposal
<u>Prescription</u> Maintain as opening through mowing and/or planting to food and cover crops for wildlife								
<u>Specs:</u>								
<u>Other Comments:</u>								
<u>Next Steps:</u> Monitor for cover type and perform opening maintenance on 5-10 year rotation								
<b>37 NF_54065037-NonFor</b>	3.0	Non-Forested		0	Non-Forest Management	Other - Specify	Mixed Upland Herbaceous	Cmpt. Review Proposal
<u>Prescription</u> Maintain as opening through mowing and/or planting to food and cover crops for wildlife								
<u>Specs:</u>								
<u>Other Comments:</u>								
<u>Next Steps:</u> Monitor for cover type and perform opening maintenance on 5-10 year rotation								
<b>42 NF_54065042-NonFor</b>	2.1	Non-Forested		0	Non-Forest Management	Other - Specify	Mixed Upland Herbaceous	Cmpt. Review Proposal
<u>Prescription</u> Maintain as opening through mowing and/or planting to food and cover crops for wildlife								
<u>Specs:</u>								
<u>Other Comments:</u>								
<u>Next Steps:</u> Monitor for cover type and perform opening maintenance on 5-10 year rotation								
<b>53 NF_54065053-NonFor</b>	3.4	Non-Forested		0	Non-Forest Management	Other - Specify	Mixed Upland Herbaceous	Cmpt. Review Proposal
<u>Prescription</u> Maintain as opening through mowing and/or planting to food and cover crops for wildlife								
<u>Specs:</u>								
<u>Other Comments:</u>								
<u>Next Steps:</u> Monitor for cover type and perform opening maintenance on 5-10 year rotation								
<b>68 NF_54065068-NonFor</b>	1.6	Non-Forested		0	Non-Forest Management	Other - Specify	Mixed Upland Herbaceous	Cmpt. Review Proposal
<u>Prescription</u> Maintain as opening through mowing and/or planting to food and cover crops for wildlife								
<u>Specs:</u>								
<u>Other Comments:</u>								
<u>Next Steps:</u> Monitor for cover type and perform opening maintenance on 5-10 year rotation								

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Data updated before 2:00 PM

	Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
73	NF_54065073- NonFor	2.7	Non-Forested		0	Non-Forest Management	Other - Specify	Mixed Upland Herbaceous	Cmpt. Review Proposal

Prescription Maintain as opening through mowing and/or planting to food and cover crops for wildlife

Specs:

Other

Comments:

Next Monitor for cover type and perform opening maintenance on 5-10 year rotation

Steps:

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**Total Treatment  
Acreage Proposed: 540.2**



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Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
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#Error

Prescription  
Specs:

Other  
Comment:

Next  
Steps:

Limiting Factor and No  
Treatment Reason

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**Total Treatment**  
**Acreage Proposed:        0**



Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
022_St28C.Cu t	25.0				Harvest	Clearcut with Reserves	Oak, Aspen	Cmpt. Review Proposal
<p><u>Prescription</u> Cut with stand 14 in Compartment 24. Clear cut: In areas of heavy oak leave up to 10-20BA of oak and pine. In areas predominantly aspen only leave scattered oak.</p> <p><u>Specs:</u></p> <p><u>Other</u> Acceptable regen is any mix of aspen, oak and pine. Some white pine is present. Leave both a mix red and white oak. No retention is needed because leaving steep slope along northern edge of stand.</p> <p><u>Comments:</u></p> <p><u>Next</u> Regen survey 3-5 yrs after harvest.</p> <p><u>Steps:</u></p>								
54030_OutOfY OE-STR	1.2				Harvest	Seed Tree with Reserves	Natural Red Pine, Mixed Deciduous	Cmpt. Review Proposal
<p><u>Prescription</u> MMark red pine residual to average tree height spacing. Leave 10 BA white pine and all oak, if present. Paint in 2 chain wide buffer along High Country Pathway, using pathway as centerline. Allow whole tree skidding; require chipping of tops, with movement of tops to approved landings to be done concurrently with harvesting. Post sale: scarify sale area to regenerate red pine, but may exclude areas of heavy white pine regeneration.</p> <p><u>Specs:</u></p> <p><u>Other</u></p> <p><u>Comments:</u></p> <p><u>Next</u> Continued scarification until full stocking of red pine is achieved.</p> <p><u>Steps:</u></p>								
54004_St8- Burn	12.1				Prescribed Burn	Unspecified	Red Oak	Cmpt. Review Proposal
<p><u>Prescription</u> Burn with adjacent stand in Compartment 24. Understory burn to remove red maple regeneration</p> <p><u>Specs:</u></p> <p><u>Other</u></p> <p><u>Comments:</u></p> <p><u>Next</u> follow up with timber harvest next entry.</p> <p><u>Steps:</u></p>								
<b>Total Treatment Acreage Proposed:</b>		<b>38.2</b>						

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## Atlanta Mgt. Unit

## 5 – Forested Stands

Compartment: 065

Data updated before 2:00 PM

Year of Entry: 2012



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
1	4136 - Aspen, Mixed Conifer	Medium Density	6.6	16		old private property signs and posts on west edge of stand.
2	4130 - Aspen	High Density Sapling	57.9	24		Old gate and camper in north east corner of stand.
3	42120 - Planted Jack Pine	High Density Pole	8.3	31		cable across road in middle of stand.
4	4123 - Red Oak	High Density Log	9.6	92	81-110	New stand added.
5	4130 - Aspen	High Density Pole	10.9	35		
6	4130 - Aspen	High Density Pole	10.9	24		
7	4131 - Aspen, Oak	High Density Pole	27.4	34		
8	6120 - Lowland Cedar	High Density Pole	174.2	78		
9	6129 - Mixed Coniferous Lowland Forest	Medium Density Pole	18.3	78		
10	4191 - Mixed Upland Deciduous with Conifer	High Density Log	35.9	83	111-140	orv trail along north edge of stand. hilly, sandy roads, low visibility around corners.
13	4130 - Aspen	High Density Sapling	65.2	17		
14	6122 - Black Spruce	High Density Pole	14.7	75		
15	42290 - Natural Mixed Pine	High Density Pole	7.3	73		
16	4111 - S.Maple, Hard Mast Association	High Density Log	9.1	94	111-140	
17	4310 - Pine, Oak Mix	High Density Log	49.9	88	111-140	
20	6120 - Lowland Cedar	High Density Pole	6.7	131		
21	4191 - Mixed Upland Deciduous with Conifer	High Density Pole	7.6	63		
22	4131 - Aspen, Oak	High Density Log	4.5	69		

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## Atlanta Mgt. Unit

## 5 – Forested Stands

Compartment: 065

Data updated before 2:00 PM

Year of Entry: 2012



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
23	42200 - Natural White Pine	High Density Log	23.6	112		previous inventory comments said to leave as old growth. small hard to get to stand.
24	42290 - Natural Mixed Pine	High Density Pole	7.5	36		
27	4130 - Aspen	High Density Pole	329.5	41		
29	4130 - Aspen	High Density Pole	35.9	38		New stand added.
30	4131 - Aspen, Oak	High Density Pole	23.0	36		
33	4122 - Oak, Pine	High Density Log	12.0	81		this stand borders the clear lake gravel pit. there has been a lot of work and money spent on closing this area off to orv's and remediating damage caused by them. stand could be cut but recommend it not be due to all the work done in the area. cutting it would again allow orv routes into the pit.
34	4124 - Red with White Oak	Medium Density Log	59.2	89	51-80	Aspen and red maple cut out of stand in 2002.
38	42110 - Planted Red Pine	High Density Log	73.6	93	81-110	
40	4133 - Aspen, Mixed Pine	High Density Log	31.5	47		
41	4310 - Pine, Oak Mix	Medium Density Log	94.9	83	51-80	New stand added. aspen and maple cut out in 2004.
43	4130 - Aspen	High Density Sapling	20.3	16		
44	42110 - Planted Red Pine	Medium Density Log	4.1	93	51-80	
47	4131 - Aspen, Oak	High Density Pole	95.1	28		
48	42220 - Natural Jack Pine	High Density Sapling	4.0	16		
50	4191 - Mixed Upland Deciduous with Conifer	High Density Log	16.1	85	111-140	
51	4122 - Oak, Pine	High Density Log	45.4	82	51-80	
52	6122 - Black Spruce	Medium Density Pole	8.5	84		

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## Atlanta Mgt. Unit

## 5 – Forested Stands

Compartment: 065

Data updated before 2:00 PM

Year of Entry: 2012



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
54	4124 - Red with White Oak	High Density Log	17.6	78		aspen and red maple where cut out of this stand in 2005.
55	42290 - Natural Mixed Pine	Medium Density Log	4.6	87	1-50	
58	4126 - White, Black, N. Pin Oak	High Density Log	24.3	82		
59	42120 - Planted Jack Pine	High Density Sapling	21.7	16		
60	4133 - Aspen, Mixed Pine	High Density Log	22.6	90	81-110	poor form and quality w pine suppressed under mature aspen and oak. white oak in this stand is very healthy, nice big crowns.
63	4123 - Red Oak	High Density Log	22.5	90	111-140	New stand added.
64	4191 - Mixed Upland Deciduous with Conifer	High Density Log	33.6	83	81-110	powerline through stand. high country pathway through stand.
65	6139 - Mixed Lowland Forest	High Density Log	8.1	87	51-80	
67	4131 - Aspen, Oak	High Density Pole	120.1	34		
69	4133 - Aspen, Mixed Pine	High Density Pole	7.0	38		
70	4131 - Aspen, Oak	High Density Pole	34.9	26		
71	4123 - Red Oak	High Density Log	9.0	63		aspen regen soon to die because too much oak residual left when aspen and maple where cut out 5 yrs ago.
72	4125 - Black, N. Pin Oak	High Density Sapling	12.5	27		
76	4132 - Aspen, Jack Pine	High Density Pole	23.4	34		
78	4123 - Red Oak	High Density Log	87.1	92	81-110	



Stand	Cover Type	Acres	Gen Cmts:
11	310 - Herbaceous Openland	6.0	
12	622 - Lowland Shrub	24.0	Stand swapped from Forested to Non-Forested.
18	310 - Herbaceous Openland	1.0	
19	310 - Herbaceous Openland	1.4	
25	50 - Water	1.0	
26	50 - Water	2.5	
28	629 - Mixed non-forested wetland	3.3	
31	50 - Water	7.1	
32	310 - Herbaceous Openland	1.2	
35	310 - Herbaceous Openland	2.4	
36	310 - Herbaceous Openland	5.0	
37	310 - Herbaceous Openland	3.0	
39	310 - Herbaceous Openland	0.9	
42	310 - Herbaceous Openland	2.1	
45	310 - Herbaceous Openland	1.2	
46	50 - Water	3.4	
49	320 - Upland Shrub	1.0	
53	310 - Herbaceous Openland	3.4	



Stand	Cover Type	Acres	Gen Cmts:
56	622 - Lowland Shrub	3.6	
57	310 - Herbaceous Openland	1.0	
61	320 - Upland Shrub	15.7	
62	50 - Water	1.2	
66	310 - Herbaceous Openland	2.1	
68	310 - Herbaceous Openland	1.6	
73	310 - Herbaceous Openland	2.7	
74	310 - Herbaceous Openland	1.2	
75	310 - Herbaceous Openland	3.7	
77	310 - Herbaceous Openland	1.0	



**7 – 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.

*Data updated before 2:00 PM*

Stand	SCA Type	SCA Name	Acres	Comments



## 8 – DEDICATED CONSERVATION AREA DETAILS

\* This is a list of Dedicated Biodiversity Areas for this compartment along with a 1/4 mile buffer surrounding the compartment. Refer to Dedicated Conservation Area Map for areas that the below listed Conservation Areas are located.

*Data updated before 2:00 PM*

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.
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.