



**ATLANTA FOREST MANAGEMENT UNIT**  
**COMPARTMENT REVIEW PRESENTATION**  
**COMPARTMENT 41 ENTRY YEAR: 2014**

**Compartment Acreage: 1770      County: Montmorency**

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**Revision Date:** October 23, 2012

**Stand Examiner:** Jeff Autenrieth

**Legal Description:** T31N, R2E, Sec. 7, 8, 17, & 18.

**RMU (if applicable):**

**Management Goals:** Productive wildlife populations, Antrim gas, and sustainable timber production.

**Soil and Topography:** Rolling hills to outwash plain. Course Loamy-sand to sandy soils.

**Ownership Patterns, Development, and Land Use in and Around the Compartment:** There are a few permanent residences, but mostly seasonal and recreational use.

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

**Archeological, Historical, and Cultural Features (include only non-site specific and non-sensitive information):** Historic features could be present.

**Special Management Designations or Considerations:** Elk.

**Watershed and Fisheries Considerations:** Packer creek and tributary to Van Helen Creek.

**Wildlife Habitat Considerations:** Compartment 41 contains a diverse mixture of upland pine, aspen, oak, swamp conifers, and forest openings. It is within the core of Michigan's elk range. As such, it supports elk populations and receives heavy recreational elk viewing and hunting. In addition, the compartment supports white-tailed deer, beaver, bald eagle, coyote, black bear, bobcat, ruffed grouse, and multiple other wildlife species including small mammals, songbirds, reptiles, and amphibians. Opening maintenance prescribed will benefit multiple species including elk, deer, and turkey.

**Mineral Resource and Development Concerns and/or Restrictions:** Surface sediments consist of glacial outwas sand and gravel with post-glacial alluvium and coarse-textured glacial till. Glacial drift thickness varies between 200 and 600 feet. There is approximately 160 feet of local relief within the compartment. Beneath the glacial drift is the Devonian Antrim Shale. The Antrim is quarried for clay/shale elsewhere in the state. A gravel pit is located two miles to the east, and potential is considered good in upland areas. This area has been drilled and is producing gas from the Antrim Shale.

**Vehicle Access:** Good access.

**Survey Needs:** No survey needs at this time.

**Recreational Facilities and Opportunities:** Snowmobile/ORV trails, hunting and mushroom picking.

**Fire Protection:** Adequate.

**Additional Compartment Information:**

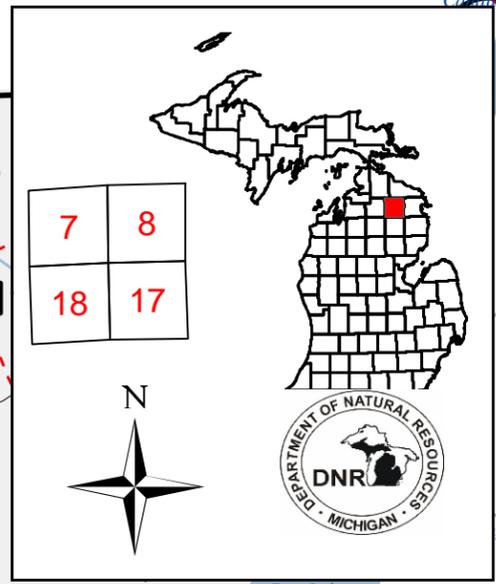
- **The following 5 reports from the Operations Inventory System (OIPC) are attached:**
  - ◆ **Cover Type by Age Class**
  - ◆ **Cover Type by Management Objective**
  - ◆ **Compartment Volume Summary**
  - ◆ **Proposed Treatments – No Limiting Factors**
  - ◆ **Proposed Treatments – With Limiting Factors**
  
- **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

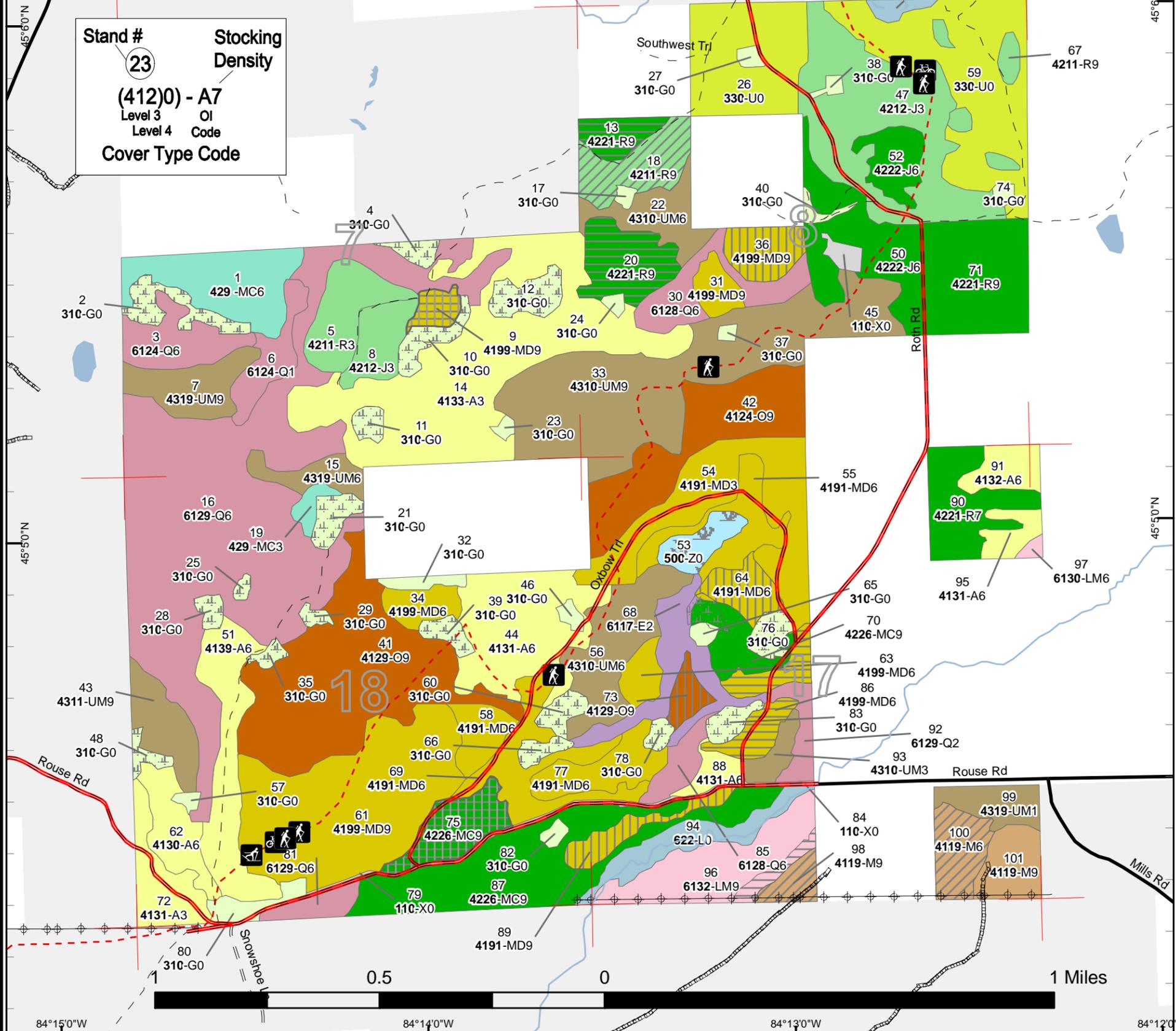
## Legend

- |                        |                                    |
|------------------------|------------------------------------|
| — Miris Corners        | Clearcut (w/Reserves, Patch/Strip) |
| Highway                | Seed Tree (w/Reserves)             |
| County Paved Roads     | Shelter Wood (w/Reserves)          |
| Paved Roads            | Thinning (Crown, Low, Systematic)  |
| County Gravel Roads    | Pesticide                          |
| Gravel Roads           | Other Treatment - See Comments     |
| Poor Dirt Roads        |                                    |
| County Poor Dirt Roads |                                    |
| Trail (Non-Recreation) |                                    |
| Closed Roads           |                                    |
| Pipeline               |                                    |
| Powerline              |                                    |
| Stream                 |                                    |
| Intermittent Stream    |                                    |
| Lakes and Rivers       |                                    |
| Bike Trails            |                                    |
| Hiking Trails          |                                    |
| Ski Trails             |                                    |
| Bike Trail             |                                    |

Compartment: 041  
 T31N R02E Sec. 7, 8, 17, 18  
 County: Montmorency  
 Unit: Atlanta  
 YOE: 2014  
 Acres: 1,768 GIS Calculated  
 Examiner: Jeff Autenrieth  
 Map Revised: 08/27/2012  
 Map Phase: Pre-Review



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



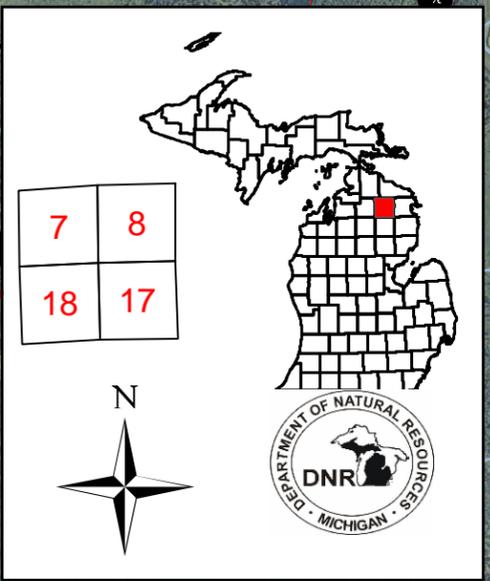
- Forest Stands**
- Level 3
- 411 - Northern Hardwood
  - 412 - Oak Types
  - 413 - Aspen Types
  - 419 - Mixed Upland Deciduous
  - 421 - Planted Pines
  - 422 - Natural Pines
  - 429 - Mixed Upland Conifers
  - 431 - Upland Mixed Forest
  - 611 - Lowland Deciduous Forest
  - 612 - Lowland Coniferous Forest
  - 613 - Lowland Mixed Forest
- Non-Forest Stands**
- Level 3
- 110 - Low Intensity Urban
  - 310 - Herbaceous Openland
  - 330 - Low-Density Trees
  - 500 - Water
  - 622 - Lowland Shrub
  - State Forest Land

# Stand Boundary Map

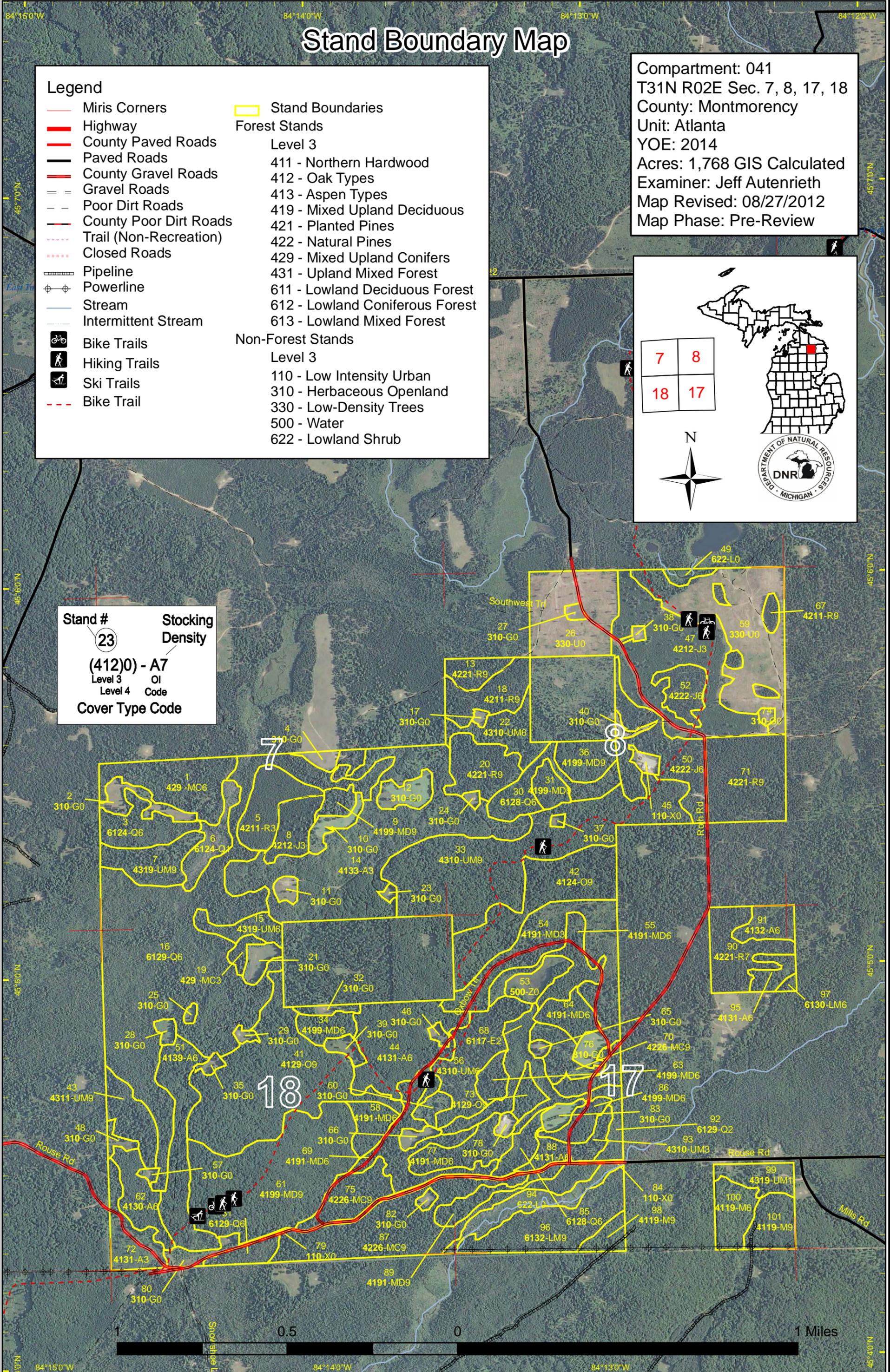
Compartment: 041  
 T31N R02E Sec. 7, 8, 17, 18  
 County: Montmorency  
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 Acres: 1,768 GIS Calculated  
 Examiner: Jeff Autenrieth  
 Map Revised: 08/27/2012  
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## Legend

- |  |                        |                                 |                  |
|--|------------------------|---------------------------------|------------------|
|  | Miris Corners          |                                 | Stand Boundaries |
|  | Highway                | <b>Forest Stands</b>            |                  |
|  | County Paved Roads     | Level 3                         |                  |
|  | Paved Roads            | 411 - Northern Hardwood         |                  |
|  | County Gravel Roads    | 412 - Oak Types                 |                  |
|  | Gravel Roads           | 413 - Aspen Types               |                  |
|  | Poor Dirt Roads        | 419 - Mixed Upland Deciduous    |                  |
|  | County Poor Dirt Roads | 421 - Planted Pines             |                  |
|  | Trail (Non-Recreation) | 422 - Natural Pines             |                  |
|  | Closed Roads           | 429 - Mixed Upland Conifers     |                  |
|  | Pipeline               | 431 - Upland Mixed Forest       |                  |
|  | Powerline              | 611 - Lowland Deciduous Forest  |                  |
|  | Stream                 | 612 - Lowland Coniferous Forest |                  |
|  | Intermittent Stream    | 613 - Lowland Mixed Forest      |                  |
|  | Bike Trails            | <b>Non-Forest Stands</b>        |                  |
|  | Hiking Trails          | Level 3                         |                  |
|  | Ski Trails             | 110 - Low Intensity Urban       |                  |
|  | Bike Trail             | 310 - Herbaceous Openland       |                  |
|  |                        | 330 - Low-Density Trees         |                  |
|  |                        | 500 - Water                     |                  |
|  |                        | 622 - Lowland Shrub             |                  |



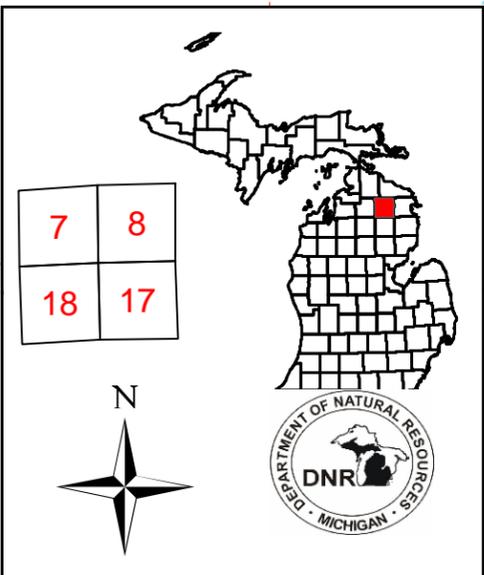
**Stand #**  
 23  
**Stocking Density**  
 (412)0 - A7  
 Level 3 OI  
 Level 4 Code  
**Cover Type Code**



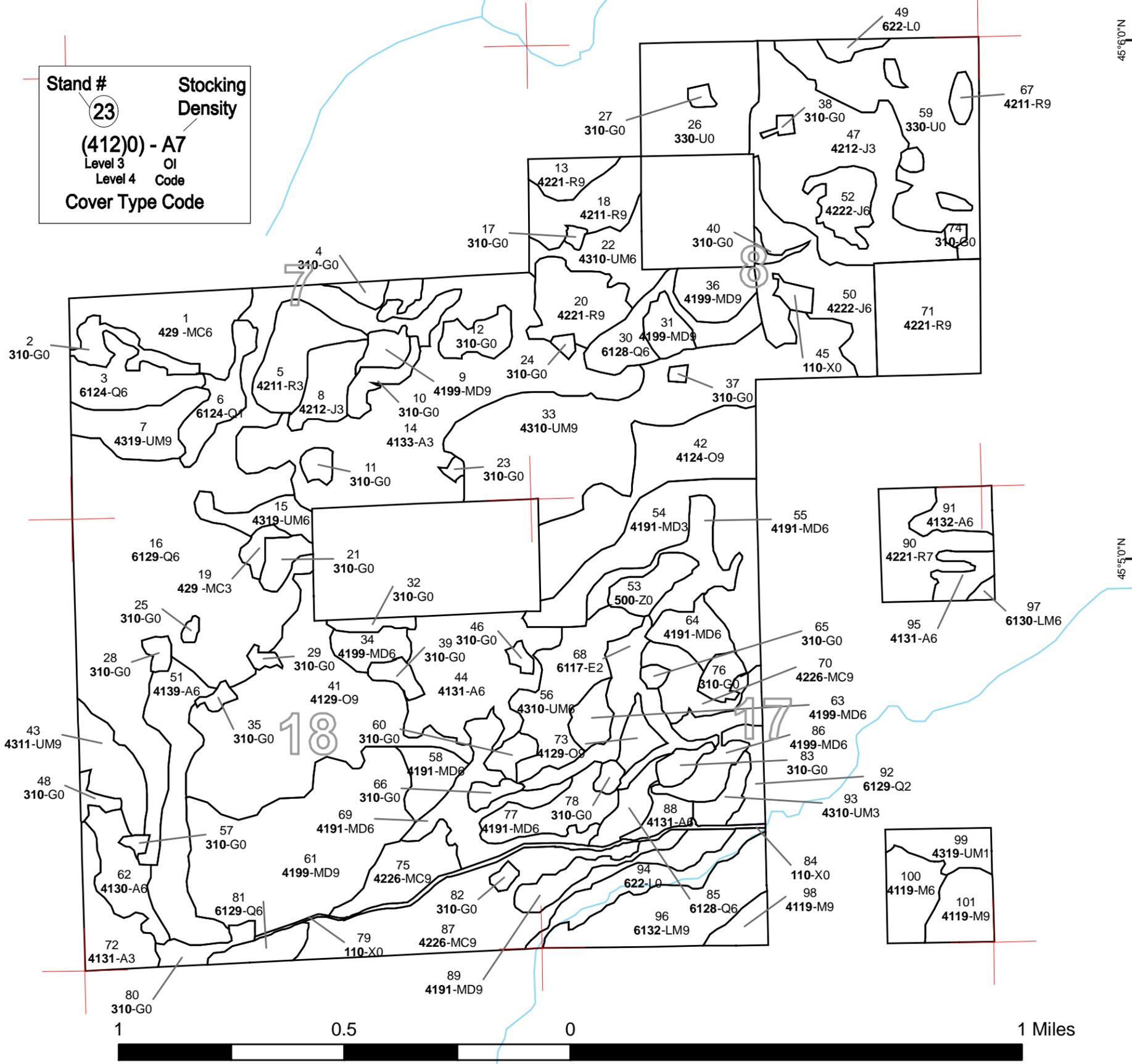
# Dedicated & Proposed Special Conservation Area Map

Compartment: 041  
 T31N R02E Sec. 7, 8, 17, 18  
 County: Montmorency  
 Unit: Atlanta  
 YOE: 2014  
 Acres: 1,768 GIS Calculated  
 Examiner: Jeff Autenrieth  
 Map Revised: 08/27/2012  
 Map Phase: Pre-Review

- Legend**
- Miris Corners
  - Stand Boundaries
  - Forest Stands**
  - Level 3
    - 411 - Northern Hardwood
    - 412 - Oak Types
    - 413 - Aspen Types
    - 419 - Mixed Upland Deciduous
    - 421 - Planted Pines
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    - 612 - Lowland Coniferous Forest
    - 613 - Lowland Mixed Forest
  - Non-Forest Stands**
  - Level 3
    - 110 - Low Intensity Urban
    - 310 - Herbaceous Openland
    - 330 - Low-Density Trees
    - 500 - Water
    - 622 - Lowland Shrub
  - Dedicated Special Conservation Areas**
  - Cold Water Streams



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



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

Atlanta Mgt. Unit

Compartment 041 Year of Entry 2014

Jeffrey Autenrieth : Examiner



	Age Class														Total
	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 +	Unretn Age	
Aspen	16	0	105	0	107	5	0	0	0	0	0	0	0	0	234
Herbaceous Openland	91	0	0	0	0	0	0	0	0	0	0	0	0	0	91
Jack Pine	0	64	0	12	0	44	0	0	0	0	0	0	0	0	121
Low-Density Trees	99	0	0	0	0	0	0	0	0	0	0	0	0	0	99
Lowland Conifers	0	7	0	29	0	8	18	7	0	0	177	0	0	0	246
Lowland Deciduous	0	0	0	0	21	0	0	0	0	0	0	0	0	0	21
Lowland Mixed Forest	0	0	0	0	0	1	0	0	0	34	0	0	0	0	35
Lowland Shrub	19	0	0	0	0	0	0	0	0	0	0	0	0	0	19
Mixed Upland Deciduous	0	47	0	26	55	21	17	10	9	0	83	0	0	0	269
Natural Mixed Pines	0	0	0	0	0	0	0	0	28	0	0	58	0	0	86
Northern Hardwood	0	0	0	0	0	0	0	0	20	0	0	13	0	0	33
Oak	0	0	0	0	0	0	0	5	44	84	0	0	0	0	133
Red Pine	0	0	0	19	0	0	71	42	0	0	0	0	0	0	131
Upland Conifers	0	0	0	3	30	0	0	0	0	0	0	0	0	0	33
Upland Mixed Forest	6	0	11	29	25	0	18	0	111	0	0	0	0	0	199
Urban	9	0	0	0	0	0	0	0	0	0	0	0	0	0	9
Water	9	0	0	0	0	0	0	0	0	0	0	0	0	0	9
<b>Total</b>	<b>249</b>	<b>118</b>	<b>116</b>	<b>119</b>	<b>237</b>	<b>80</b>	<b>122</b>	<b>65</b>	<b>212</b>	<b>118</b>	<b>260</b>	<b>71</b>	<b>0</b>	<b>0</b>	<b>1768</b>



## Table 2 – Proposed Treatment Summaries

**Atlanta Mgt. Unit**  
**Year of Entry 2014**

**Compartment 041**  
**Total Compartment Acres: 1768**

### Acres by Treatment Type

Commercial Harvest - 136	Site Prep - 0	Tree Planting - 0	Prescribed Burn - 0	Other - 0
Habitat Cut - 6	Opening Maintenance - 66	Tree Seeding - 0	Pesticide - 9	

### Cover Type by Harvest Method

	Clearcut	Selection	Seed Tree	Shelterwood	Thinning	Other - Specify	Total Acres
Lowland Mixed Forest	4	0	0	0	0	0	4
Mixed Upland Deciduous	16	0	5	31	0	0	51
Natural Mixed Pines	0	0	16	0	0	0	16
Northern Hardwood	0	0	0	0	20	0	20
Oak	0	0	0	5	0	0	5
Red Pine	28	0	0	0	18	0	45
<b>Total</b>	<b>47</b>	<b>0</b>	<b>21</b>	<b>36</b>	<b>38</b>	<b>0</b>	<b>142</b>



S t a n d	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
9	54041009-Cut	5.0	4199 - Other Mixed Upland Deciduous	High Density Log	63	81-110	Harvest	Seed Tree with Reserves	4124 - Red with White Oak	Cmpt. Review Proposal
<u>Prescription</u> Thin to 30-40ba. Favor to cut red maple clumps. Whole tree skid to scarify if possible.										
<u>Specs:</u>										
<u>Other Comments:</u>										
<u>Next Steps:</u> Acceptable regen can be of med/well stocked mixed oak, pine, or aspen. No retention due to small size of stand. If natural regen fails, underplant white pine.										
<u>Proposed Start Date:</u> 10/01/2013										
13	54041013-Cut	8.2	42210 - Natural Red Pine	High Density Log	67	51-80	Harvest	Clearcut	42210 - Natural Red Pine	Cmpt. Review Proposal
<u>Prescription</u> Final harvest. . No retention due to small size of stand.										
<u>Specs:</u>										
<u>Other Comments:</u>										
<u>Next Steps:</u> Trench and plant to red pine. Acceptable regen should be well stocked planted red pine. Allow for burning/trenching/planting/herbicide to facilitate successful planting.										
<u>Proposed Start Date:</u> 10/01/2013										
18	54041018-Cut	17.9	42110 - Planted Red Pine	High Density Log	66	141-170	Harvest	Crown Thinning	42110 - Planted Red Pine	Cmpt. Review Proposal
<u>Prescription</u> Thin to 110-130ba. Favor to take trees with defect.										
<u>Specs:</u>										
<u>Other Comments:</u>										
<u>Next Steps:</u> Leave 3-10% of stand acres as retention in one or more pocket.										
<u>Proposed Start Date:</u> 10/01/2013										
20	54041020-Cut	19.3	42210 - Natural Red Pine	High Density Log	76	81-110	Harvest	Clearcut with Reserves	42110 - Planted Red Pine	Cmpt. Review Proposal
<u>Prescription</u> Final harvest.										
<u>Specs:</u>										
<u>Other Comments:</u>										
<u>Next Steps:</u> Trench and plant to red pine. Acceptable regen can be of well stocked red pine. Allow for burning/trenching/planting/herbicide/chipping to facilitate successful planting. Leave 3-10% of stand acres as retention in one or more pocket.										
<u>Proposed Start Date:</u> 10/01/2013										
36	54041036-Cut	11.7	4199 - Other Mixed Upland Deciduous	High Density Log	67	81-110	Harvest	Shelterwood	4121 - Oak, Aspen	Cmpt. Review Proposal
<u>Prescription</u> Leave 30-40ba of all species present. Scarify with logging operation.										
<u>Specs:</u>										
<u>Other Comments:</u> Access could be from private, surrounding stands are wet, drainage to the east.										
<u>Next Steps:</u> Regen can be a medium-well stocked mix of oak, pine, maple, and aspen.										
<u>Proposed Start Date:</u> 10/01/2013										



S t a n d	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
64	54041064-Cut	10.0	4191 - Mixed Upland Deciduous with Conifer	High Density Pole	71	111-140	Harvest	Shelter Wood with Reserves	4122 - Oak, Pine	Cmpt. Review Proposal
<u>Prescription.</u> Leave 30-40ba of oak, pine, and aspen.										
<u>Specs:</u>										
<u>Other</u>										
<u>Comments:</u>										
<u>Next</u> Acceptable regen can be of med/well stocked mixed oak, pine, and aspen. Leave 3-10% of stand acres as retention in one or more pocket.										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> 10/01/2013										
73	54041073-Cut	5.4	4129 - Mixed Oak	High Density Log	78	81-110	Harvest	Shelter Wood with Reserves	4124 - Red with White Oak	Cmpt. Review Proposal
<u>Prescription.</u> Leave 30-40ba. Shortwood only to protect oak seedling regen.										
<u>Specs:</u>										
<u>Other</u>										
<u>Comments:</u>										
<u>Next</u> No retention due to small size of stand. Acceptable regen can be of med/well stocked mixed oak, aspen, and pine.										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> 10/01/2013										
75	54041075-Cut	16.4	42260 - Natural Pine, Mixed Deciduous	High Density Log	85	111-140	Harvest	Seed Tree with Reserves	42290 - Natural Mixed Pine	Cmpt. Review Proposal
<u>Prescription.</u> Thin to 20-30ba.										
<u>Specs:</u>										
<u>Other</u>										
<u>Comments:</u> Could be designated as potential old growth. Most trees meet qualifications for legacy trees.										
<u>Next</u> Acceptable regen can be of med/well stocked mixed pine and oak. Leave 3-10% of stand acres as retention in one or more pocket.										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> 10/01/2013										
86	54041086-Cut	15.6	4199 - Other Mixed Upland Deciduous	High Density Pole	46	51-80	Harvest	Clearcut with Reserves	4131 - Aspen, Oak	Cmpt. Review Proposal
<u>Prescription.</u> Final harvest. Leave all white oak and white pine. Buffer wildlife opening.										
<u>Specs:</u>										
<u>Other</u>										
<u>Comments:</u>										
<u>Next</u> Leave 3-10% of stand acres as retention in one or more pocket. Acceptable regen can be of med/well stocked mixed oak, aspen, and maple.										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> 10/01/2013										



S t a n d	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
89	54041089-Cut	9.1	4191 - Mixed Upland Deciduous with Conifer	High Density Log	89	51-80	Harvest	Shelter Wood with Reserves	4121 - Oak, Aspen	Cmpt. Review Proposal

Prescription Leave 30-40ba. Whole tree skid to scarify ground.

Specs:

Other

Comments:

Next Acceptable regen can be of med/well stocked mixed oak, pine, and aspen. Leave 3-10% of stand acres as retention in one or more pocket.

Steps:

Proposed

Start Date: 10/01/2013

96	54041096- Cut_small	3.7	6132 - Mixed Lowland Forest with Cedar	High Density Log	96	171-200	Harvest	Clearcut	6132 - Mixed Lowland Forest with Cedar	Cmpt. Review Proposal
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Prescription Final harvest. Cut as much aspen on the south-east edge of stand with stand #98 for habitat.

Specs:

Other

Comments:

Next No retention due to small size.

Steps:

Proposed

Start Date: 10/01/2013

98	54041098-Cut	6.2	4119 - Mixed Northern Hardwoods	High Density Log	86	51-80	Harvest	Crown Thinning	4119 - Mixed Northern Hardwoods	Cmpt. Review Proposal
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Prescription Follow EAB and beech guidelines when setting up sale. Cut all ash and beech to reduce basal area before other species. Leave-tree mark a few ash and beech through out stand for future snags. Thin areas of higher residual basal area to 70-90ba.

Specs:

Other

Comments:

Next

Steps:

Proposed

Start Date: 10/01/2013

100	54041100-Cut	13.7	4119 - Mixed Northern Hardwoods	High Density Pole	80	81-110	Harvest	Crown Thinning	4119 - Mixed Northern Hardwoods	Cmpt. Review Proposal
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Prescription Thin to 70-90 BA. Follow EAB and beech guidelines when setting up sale. Cut all ash and beech to reduce basal area before other species.

Specs: Leave-tree mark a few ash and beech through out stand for future snags. Thin areas of higher residual basal area to 70-90ba.

Other

Comments:

Next

Steps:

Proposed

Start Date: 10/01/2013



S t a n d	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
53	NF_54041053- Spray	8.8	50 - Water				Pesticide	Hand Sprayer	6231 - Phragmites	Cmpt. Review Proposal
<u>Prescription</u> Treat phragmites with herbicide to restore wetland										
<u>Specs:</u>										
<u>Other</u> Need to verify phragmites is invasive										
<u>Comments:</u>										
<u>Next</u> Monitor and re-treat as needed										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> Unspecified										
2	NF_54041002- NonFor	8.6	3102 - Grass				Non-Forest Management	Other - Specify	3102 - Grass	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</u>										
<u>Comments:</u>										
<u>Next</u> Monitor for cover type and perform opening maintenance on 5-10 year rotation										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> Unspecified										
10	NF_54041010- NonFor	6.0	3102 - Grass				Non-Forest Management	Other - Specify	3102 - Grass	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</u> seasonally wet between stands 10 and 12										
<u>Comments:</u>										
<u>Next</u> Monitor for cover type and perform opening maintenance on 5-10 year rotation										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> Unspecified										
11	NF_54041011- NonFor	3.0	3102 - Grass				Non-Forest Management	Other - Specify	3102 - Grass	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</u>										
<u>Comments:</u>										
<u>Next</u> Monitor for cover type and perform opening maintenance on 5-10 year rotation										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> Unspecified										
12	NF_54041012- NonFor	8.0	3102 - Grass				Non-Forest Management	Other - Specify	3102 - Grass	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</u> excellent grass										
<u>Comments:</u>										
<u>Next</u> Monitor for cover type and perform opening maintenance on 5-10 year rotation										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> Unspecified										



S t a n d	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
21	NF_54041021- NonFor	5.5	3102 - Grass				Non-Forest Management	Other - Specify	3102 - Grass	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</u> gas well present										
<u>Comments:</u>										
<u>Next</u> Monitor for cover type and perform opening maintenance on 5-10 year rotation										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> Unspecified										
28	NF_54041028- NonFor	2.4	3102 - Grass				Non-Forest Management	Other - Specify	3102 - Grass	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</u>										
<u>Comments:</u>										
<u>Next</u> Monitor for cover type and perform opening maintenance on 5-10 year rotation										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> Unspecified										
39	NF_54041039- NonFor	3.7	3102 - Grass				Non-Forest Management	Other - Specify	3102 - Grass	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</u> blackberry present										
<u>Comments:</u>										
<u>Next</u> Monitor for cover type and perform opening maintenance on 5-10 year rotation										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> Unspecified										
48	NF_54041048- NonFor	2.6	3102 - Grass				Non-Forest Management	Other - Specify	3102 - Grass	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</u>										
<u>Comments:</u>										
<u>Next</u> Monitor for cover type and perform opening maintenance on 5-10 year rotation										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> Unspecified										
60	NF_54041060- NonFor	4.3	3102 - Grass				Non-Forest Management	Other - Specify	3102 - Grass	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</u>										
<u>Comments:</u>										
<u>Next</u> Monitor for cover type and perform opening maintenance on 5-10 year rotation										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> Unspecified										



S t a n d	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
66	NF_54041066- NonFor	3.0	3102 - Grass				Non-Forest Management	Other - Specify	3102 - Grass	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</u>										
<u>Comments:</u>										
<u>Next</u> Monitor for cover type and perform opening maintenance on 5-10 year rotation										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> Unspecified										
76	NF_54041076- NonFor	4.9	3102 - Grass				Non-Forest Management	Other - Specify	3102 - Grass	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</u>										
<u>Comments:</u>										
<u>Next</u> Monitor for cover type and perform opening maintenance on 5-10 year rotation										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> Unspecified										
78	NF_54041078- NonFor	2.2	3102 - Grass				Non-Forest Management	Other - Specify	3102 - Grass	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</u>										
<u>Comments:</u>										
<u>Next</u> Monitor for cover type and perform opening maintenance on 5-10 year rotation										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> Unspecified										
83	NF_54041083- NonFor	4.2	3102 - Grass				Non-Forest Management	Other - Specify	3102 - Grass	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</u>										
<u>Comments:</u>										
<u>Next</u> Monitor for cover type and perform opening maintenance on 5-10 year rotation										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> Unspecified										
39	C41_S45_Reg en_Survey	3.0	6220 - Alder/willow				Other	Unspecified	Unspecified	Fld. Tr. Bdy. - Incomplete
<u>Prescription</u>										
<u>Specs:</u>										
<u>Other</u>										
<u>Comments:</u>										
<u>Next</u>										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> 09/01/2009										



Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
<b>Total Treatment Acreage Proposed:</b>		<b>212.6</b>							



S t a n d	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
4	NF_54041004- NonFor	3.0	3102 - Grass				Non-Forest Management	Other - Specify	3102 - Grass	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</u> <u>Comment:</u>										
<u>Next</u> Monitor for cover type and perform opening maintenance on 5-10 year rotation										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> Unspecified										
<u>Limiting Factor and No</u> 3A: Potential old growth / biodiversity										
<u>Treatment Reason</u>										
25	NF_54041025- NonFor	1.1	3102 - Grass				Non-Forest Management	Other - Specify	3102 - Grass	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</u> <u>Comment:</u>										
<u>Next</u> Monitor for cover type and perform opening maintenance on 5-10 year rotation										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> Unspecified										
<u>Limiting Factor and No</u> 3A: Potential old growth / biodiversity										
<u>Treatment Reason</u>										
29	NF_54041029- NonFor	1.5	3102 - Grass				Non-Forest Management	Other - Specify	3102 - Grass	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</u> <u>Comment:</u>										
<u>Next</u> Monitor for cover type and perform opening maintenance on 5-10 year rotation										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> Unspecified										
<u>Limiting Factor and No</u> 3A: Potential old growth / biodiversity										
<u>Treatment Reason</u>										
35	NF_54041035- NonFor	1.9	3102 - Grass				Non-Forest Management	Other - Specify	3102 - Grass	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</u> some pine coming in										
<u>Comment:</u>										
<u>Next</u> Monitor for cover type and perform opening maintenance on 5-10 year rotation										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> Unspecified										
<u>Limiting Factor and No</u> 3A: Potential old growth / biodiversity										
<u>Treatment Reason</u>										

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Atlanta Mgt. Unit

**Table 4 -- Treatments Prescribed with  
a Limiting Factor**

Compartment: 041  
Year of Entry 2014



Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
Total Treatment Acreage Proposed:		7.5							

**Out of YOE -- Treatments  
Prescribed with No Limiting Factor**

Year of Entry: 2014



Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
<b>54002031-N-CCR Burn/Scarify</b>	2.9	42220 - Natural Jack Pine	High Density Pole	69		Harvest	Clearcut with Reserves	42121 - Planted Jack Pine, Mixed Deciduous	Cmpt. Review Proposal - Incomplete

Prescription Do not cut red pine, white pine, oak. Acceptable regeneration is any combination of aspen, oak, jack pine, red pine, or white pine resulting in a medium or well stocked stand. Retain 3 to 10 percent of stand area in one or more patches. Location(s) will be determined during sale prep and will be representative of the stand's species mix as a whole.

Other Comments:

Next Steps: Post harvest: if this treatment falls inside of a BSA, then burn or scarify before planting jack pine. When planting, attempt to avoid the use of trenching. If the treatment is not inside a BSA, plant jack pine.

Proposed Start Date: 10/01/2010

<b>54002031-N-CCR Burn/Scarify</b>	2.9	42220 - Natural Jack Pine	High Density Pole	69		Harvest	Clearcut with Reserves	42121 - Planted Jack Pine, Mixed Deciduous	Cmpt. Review Proposal - Incomplete
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Prescription Do not cut red pine, white pine, oak. Acceptable regeneration is any combination of aspen, oak, jack pine, red pine, or white pine resulting in a medium or well stocked stand. Retain 3 to 10 percent of stand area in one or more patches. Location(s) will be determined during sale prep and will be representative of the stand's species mix as a whole.

Other Comments:

Next Steps: Post harvest: if this treatment falls inside of a BSA, then burn or scarify before planting jack pine. When planting, attempt to avoid the use of trenching. If the treatment is not inside a BSA, plant jack pine.

Proposed Start Date: 10/01/2010

**Total Treatment  
Acreage Proposed: 5.8**

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## Atlanta Mgt. Unit

## 5 – Forested Stands

Compartment: 041  
Year of Entry: 2014

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
1	429 - Mixed Upland Conifers	High Density Pole	29.6	45	81-110	Lowland area in center of stand holds most black spruce and cedar.
3	6124 - Lowland Spruce-Fir	High Density Pole	17.1	37		
5	42110 - Planted Red Pine	High Density Sapling	18.8	30		
6	6124 - Lowland Spruce-Fir	Low Density Sapling	12.2	31		Dead cedar and spruce snags are pretty thick. Standing water and muck soils.
7	4319 - Mixed Upland Forest	High Density Log	17.5	68		
8	42120 - Planted Jack Pine	High Density Sapling	12.4	36		New stand added.
9	4199 - Other Mixed Upland Deciduous	High Density Log	5.0	63	81-110	High BA due to large dbh oaks and stump sprout red maple present.
13	42210 - Natural Red Pine	High Density Log	8.2	67	51-80	New stand added. Adjacent to recent t/p to red pine.
14	4133 - Aspen, Mixed Pine	High Density Sapling	104.8	25		
15	4319 - Mixed Upland Forest	High Density Pole	9.2	42	1-50	
16	6129 - Mixed Coniferous Lowland Forest	High Density Pole	177.2	101	200+	Old railroad grade. Saturated muck soils. Standing water.
18	42110 - Planted Red Pine	High Density Log	17.9	66	141-170	Planting had mixed results.
19	429 - Mixed Upland Conifers	High Density Sapling	3.4	32	1-50	
20	42210 - Natural Red Pine	High Density Log	19.3	76	81-110	
22	4310 - Pine, Oak Mix	High Density Pole	15.4	46	51-80	
30	6128 - Lowland Coniferous, Mixed Deciduous	High Density Pole	17.5	65		
31	4199 - Other Mixed Upland Deciduous	High Density Log	6.7	55	81-110	

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## Atlanta Mgt. Unit

## 5 – Forested Stands

Compartment: 041  
Year of Entry: 2014

	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
33	4310 - Pine, Oak Mix	High Density Log	96.0	80	141-170	Stand has good vigor. Part of old stand cond. 8. Pathway present. Only stand of large natural pine in compartment.
34	4199 - Other Mixed Upland Deciduous	High Density Pole	8.1	51	111-140	
36	4199 - Other Mixed Upland Deciduous	High Density Log	11.7	67	81-110	
41	4129 - Mixed Oak	High Density Log	84.0	98	81-110	Old pine stumps. Pathway through stand.
42	4124 - Red with White Oak	High Density Log	43.8	89	51-80	
43	4311 - Pine, Aspen Mix	High Density Log	15.1	80	111-140	
44	4131 - Aspen, Oak	High Density Pole	43.4	47	141-170	
47	42120 - Planted Jack Pine	High Density Sapling	64.2	13		
50	42220 - Natural Jack Pine	High Density Pole	32.6	51		Stand buffers refinement facility.
51	4139 - Aspen, Mixed Deciduous	High Density Pole	32.1	44	171-200	
52	42220 - Natural Jack Pine	High Density Pole	11.4	51		Left as retention from surrounding stand. Access would damage surrounding planted stand.
54	4191 - Mixed Upland Deciduous with Conifer	High Density Sapling	46.9	10		
55	4191 - Mixed Upland Deciduous with Conifer	High Density Pole	16.5	33	51-80	
56	4310 - Pine, Oak Mix	High Density Pole	29.0	39	51-80	
58	4191 - Mixed Upland Deciduous with Conifer	High Density Pole	9.6	36	51-80	New stand added.
61	4199 - Other Mixed Upland Deciduous	High Density Log	83.1	107	81-110	Pathway present.
62	4130 - Aspen	High Density Pole	15.3	46	51-80	
63	4199 - Other Mixed Upland Deciduous	High Density Pole	6.5	53	81-110	

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## Atlanta Mgt. Unit

## 5 – Forested Stands

Compartment: 041  
Year of Entry: 2014

	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
64	4191 - Mixed Upland Deciduous with Conifer	High Density Pole	10.3	71	111-140	
67	42110 - Planted Red Pine	High Density Log	6.9	63	111-140	Left as retention for surrounding stand.
68	6117 - Lowland Deciduous, Mixed Coniferous	Medium Density	21.2	45		
69	4191 - Mixed Upland Deciduous with Conifer	High Density Pole	23.6	46	111-140	
70	42260 - Natural Pine, Mixed Deciduous	High Density Log	11.8	87	1-50	Recent timbersale.
71	42210 - Natural Red Pine	High Density Log	37.6	63	111-140	Surrounding stands have all been treated recently.
72	4131 - Aspen, Oak	High Density Sapling	16.3	6		
73	4129 - Mixed Oak	High Density Log	5.4	78	81-110	
75	42260 - Natural Pine, Mixed Deciduous	High Density Log	16.4	85	111-140	Old railroad grade.
77	4191 - Mixed Upland Deciduous with Conifer	High Density Pole	15.7	44	111-140	Buffer around compressor plant.
81	6129 - Mixed Coniferous Lowland Forest	High Density Pole	7.0	70		Some blow down. W. pine and maple along the road, stand slopes away from road.
85	6128 - Lowland Coniferous, Mixed Deciduous	High Density Pole	7.8	55		Some blow down.
86	4199 - Other Mixed Upland Deciduous	High Density Pole	15.6	46	51-80	
87	42260 - Natural Pine, Mixed Deciduous	High Density Log	57.8	116	81-110	
88	4131 - Aspen, Oak	High Density Pole	5.4	59	51-80	
89	4191 - Mixed Upland Deciduous with Conifer	High Density Log	9.1	89	51-80	
90	42210 - Natural Red Pine	Low Density Log	22.8	78		Recent harvest.
91	4132 - Aspen, Jack Pine	High Density Pole	9.5	44	51-80	

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## Atlanta Mgt. Unit

## 5 – Forested Stands

Compartment: 041  
Year of Entry: 2014

	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
92	6129 - Mixed Coniferous Lowland Forest	Medium Density	7.2	18		Very saturated soils. Stand borders packer creek.
93	4310 - Pine, Oak Mix	High Density Sapling	6.0	6		Recent harvest. Oak regen doing well.
95	4131 - Aspen, Oak	High Density Pole	6.7	41	81-110	
96	6132 - Mixed Lowland Forest with Cedar	High Density Log	34.1	96	171-200	Saturated muck soils.
97	6130 - Fir, Aspen, Maple	High Density Pole	1.3	55		Blow down.
98	4119 - Mixed Northern Hardwoods	High Density Log	6.2	86	51-80	
99	4319 - Mixed Upland Forest	Low Density Sapling	11.0	29		
100	4119 - Mixed Northern Hardwoods	High Density Pole	13.7	80	81-110	Seeps present, some natural red oak regen, EAB present in wht ash.
101	4119 - Mixed Northern Hardwoods	High Density Log	13.3	114	81-110	Very steep.



Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
2	3102 - Grass	8.6	No	Unspecified	
4	3102 - Grass	3.0	No	Unspecified	
10	3102 - Grass	6.0	No	Unspecified	
11	3102 - Grass	3.0	No	Unspecified	
12	3102 - Grass	8.0	No	Unspecified	
17	3102 - Grass	1.1	No	Unspecified	
21	3102 - Grass	5.5	No	Unspecified	
23	3102 - Grass	1.1	No	Unspecified	
24	3102 - Grass	1.2	No	Unspecified	
25	3102 - Grass	1.1	N/A	Unspecified	
26	3302 - Low Density Conifer Trees	39.0	Yes	Red Pine	Stand swapped from Forested to Non-Forested.
27	3102 - Grass	1.5	Yes	Unspecified	
28	3102 - Grass	2.4	No	Unspecified	
29	3102 - Grass	1.5	No	Unspecified	
32	3102 - Grass	3.1	No	Unspecified	
35	3102 - Grass	1.9	No	Unspecified	
37	3102 - Grass	0.9	No	Unspecified	
38	3102 - Grass	1.3	No	Unspecified	



Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
39	3102 - Grass	3.7	Yes	Low (NonForested)	
40	3102 - Grass	1.8	No	Unspecified	
45	11 - Low Intensity Urban	2.8	No	Unspecified	
46	3102 - Grass	1.7	No	Unspecified	
48	3102 - Grass	2.6	No	Unspecified	
49	6229 - Mixed lowland shrub	3.1	No	Unspecified	
53	50 - Water	8.8	No	Unspecified	
57	3102 - Grass	1.2	No	Unspecified	
59	3302 - Low Density Conifer Trees	59.9	Yes	Red Pine	Stand swapped from Forested to Non-Forested. Planted to Jack Pine in 5/2012
60	3102 - Grass	4.3	No	Unspecified	
65	3102 - Grass	1.7	No	Unspecified	
66	3102 - Grass	3.0	No	Unspecified	
74	3102 - Grass	1.3	No	Unspecified	
76	3102 - Grass	4.9	No	Unspecified	
78	3102 - Grass	2.2	No	Unspecified	
79	11 - Low Intensity Urban	0.7	No	Unspecified	
80	3102 - Grass	5.9	No	Unspecified	
82	3102 - Grass	1.6	No	Unspecified	



Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
83	3102 - Grass	4.2	No	Unspecified	
84	11 - Low Intensity Urban	5.4	No	Unspecified	
94	6220 - Alder/willow	16.0	No	Unspecified	



**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.

Stand	SCA Type	SCA Name	Acres	Comments
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**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.

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

Conservation Area	Type	Description
SCA	Cold Water Stream	A coldwater stream has temperature and dissolved oxygen conditions that allow naturally-reproduced or stocked trout populations and those of other coldwater fish species (e.g., slimy sculpin) to persist from year to year. Coldwater streams in Michigan typically provide these conditions due to substantial contributions of groundwater to their stream flows. Such streams are established by Director's action and designated as trout resources by Fisheries Order 210.