



ATLANTA FOREST MANAGEMENT UNIT COMPARTMENT REVIEW PRESENTATION

COMPARTMENT # 24 ENTRY YEAR: 2012

Compartment Acreage: 1,671 County: Montmorency

Revision Date: October 26, 2010

Stand Examiner: Cody Stevens

Legal Description: T30N R02E Sec 34, 35 & 36

RMU (if applicable):

Management Goals:

The main goal in this compartment is to conduct multiple resource management for the good of the citizens of the State of Michigan.

Soil and Topography:

The topography of the compartment is rolling hills with some steep slopes and the dominate cover types are Oak and Aspen Mixtures or Aspen. There are some wetlands in the compartment adjacent to the creeks.

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

The compartment has some private parcels scattered throughout. The compartment has some recreational use by ORVs & snowmobiles and receives a large amount of use by Antrim Gas Companies.

Unique, Natural Features:

Some species are present in and around the compartment.

Archeological, Historical, and Cultural Features.

None known at this time.

Special Management Designations or Considerations:

None at this time.

Watershed and Fisheries Considerations:

Fisheries Concerns:

Wildlife Habitat Considerations:

Compartment 24 provides a variety of food and cover types valuable as habitat components for wildlife. Cover types of value to wildlife include oak, aspen, grassy openings, swamp, marsh, riparian corridors, and open water. Mast trees are common in the existing oak stands, providing a good source of food for wild turkey, ruffed grouse, squirrels, and white-tailed deer. Select oak stands proposed for harvest will result in increased browse and for the species above as well ensure an oak component remains in the compartment for future generations. Measures taken to protect slopes and lowland areas sensitive to timber harvest activities will also protect amphibians and reptiles that rely on the cover for protection. Lowlands currently provide habitat for bald eagle, osprey, amphibians, reptiles, and several bird species including common yellowthroat.

Openings adjacent to forest provide valuable habitat for deer and turkey while openings near wetlands provide valuable nesting areas for several turtle species including Blanding's turtle. Lowland corridors are used by black bear, and bobcat.

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 Mississippian Coldwater Shale. There is no known economic use for the Coldwater Shale. The nearest gravel pit is within one mile to the southeast, and potential in the compartment is considered to be good, especially the uplands. This area has been drilled and is producing gas from the Antrim Shale.

Vehicle Access:

This compartment is accessed from two County Roads: Shoreline Drive and Morning Star Lake Rd. There are several two tracks for traversing the area.

Survey Needs:

None at this time.

Recreational Facilities and Opportunities:

There are many opportunities for hunting, fishing and wildlife viewing in the area. The Snowmobile trail runs through the east portion of the compartment and the MCCCT Trail runs through the west part of the compartment.

Fire Protection:

Fire response to the compartment will be covered by the Atlanta DNR office as well as the Tri-Township Fire Department.

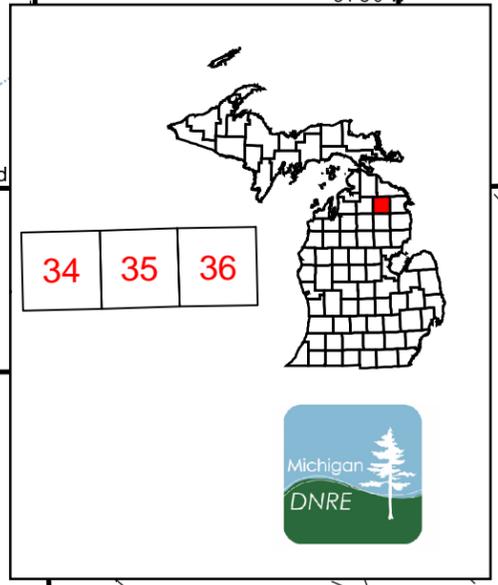
Additional Compartment Information:

- **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**

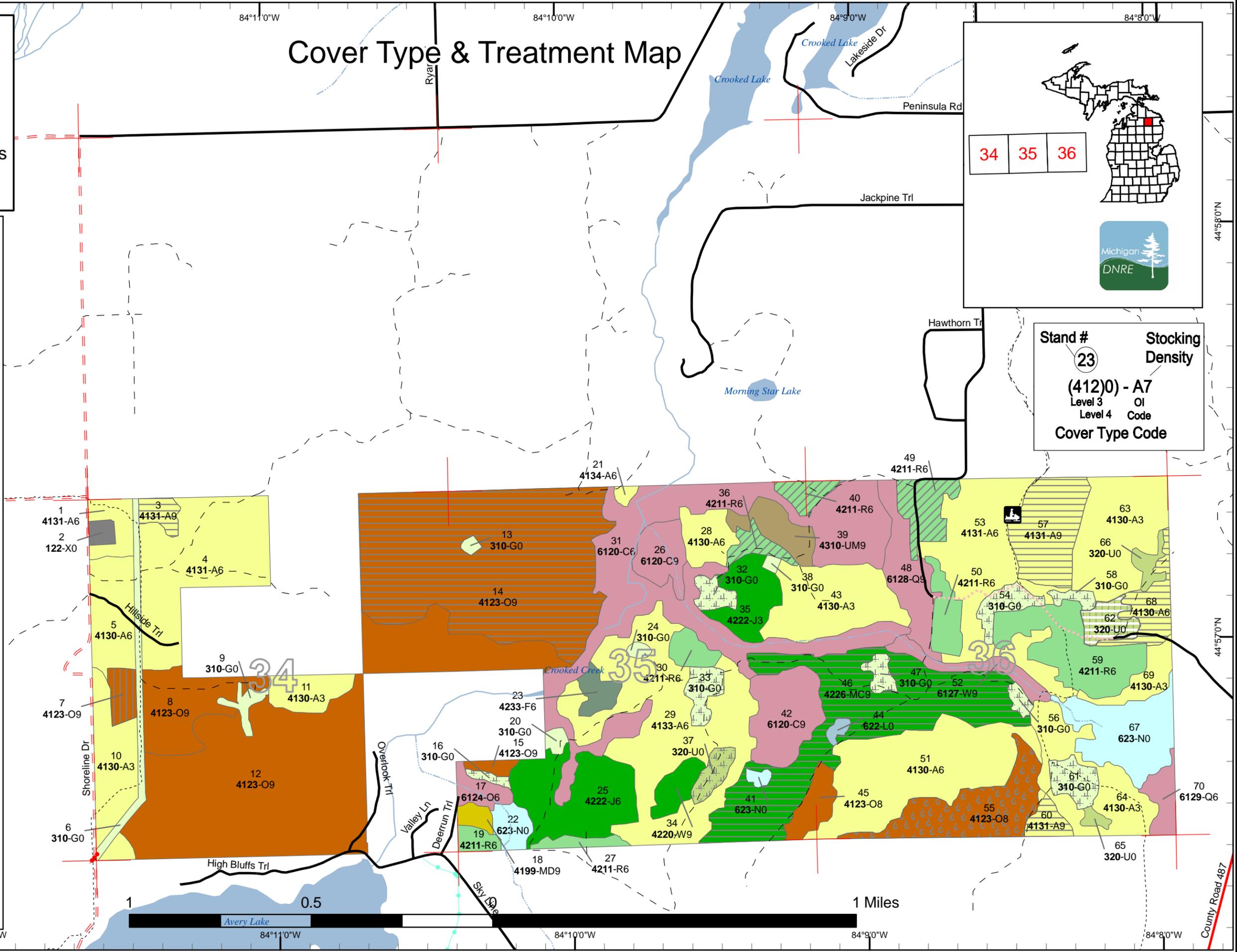
Compartment 24
 T30N, R02E, Sec. 34, 35, 36
 County: Montmorency
 Unit: Atlanta
 YOE: 2012
 Acres: 1,671 GIS Calculated
 Stand Examiner: Cody Stevens
 Map Revised: 8/16/2010
 Map Phase: Pre-Review

Cover Type & Treatment Map



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

- Legend**
- Miris Corners
 - County Paved Roads
 - Paved Roads
 - County Gravel Roads
 - Poor Dirt Roads
 - Closed Roads
 - Pipe
 - Power
 - Trails
 - Intermittent Stream/Drain
 - Stream
 - Lakes and Rivers
 - Snowmobile Trails
- Treatments**
- Clearcut (w/Reserves, Patch/Strip)
 - Shelter Wood (w/Reserves)
 - Thinning (Crown, Low, Systematic)
 - Prescribed Burn
 - Opening Maintenance
 - Other Treatment - See Comments
- Forest Stands**
- Level 3
- 412 - Oak Types
 - 413 - Aspen Types
 - 419 - Mixed Upland Deciduous
 - 421 - Planted Pines
 - 422 - Natural Pines
 - 423 - Other Upland Conifers
 - 431 - Upland Mixed Forest
 - 612 - Lowland Coniferous Forest
- Non-Forest Stands**
- Level 3
- 122 - Road/Parking Lot
 - 310 - Herbaceous Openland
 - 320 - Upland Shrub
 - 622 - Lowland Shrub
 - 623 - Emergent Wetland



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Stand Boundary Map

34 35 36

Legend

- Miris Corners
- County Paved Roads
- Paved Roads
- County Gravel Roads
- Poor Dirt Roads
- Closed Roads
- Trails
- Snowmobile Trails
- Pipe
- Power
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- Stream
- Stand Boundaries

Forest Stands

Level 3

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Non-Forest Stands

Level 3

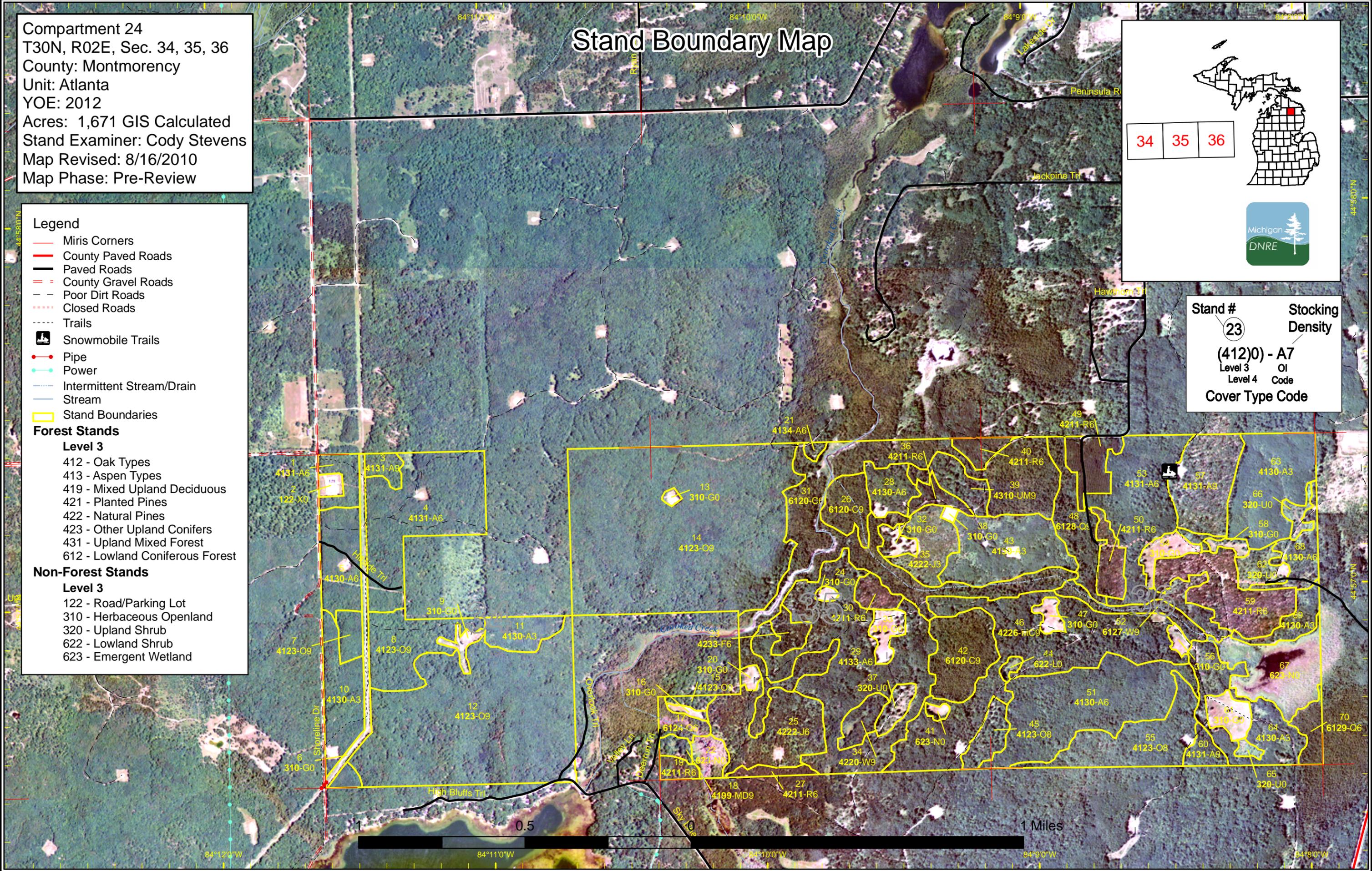
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23

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(412)0 - A7

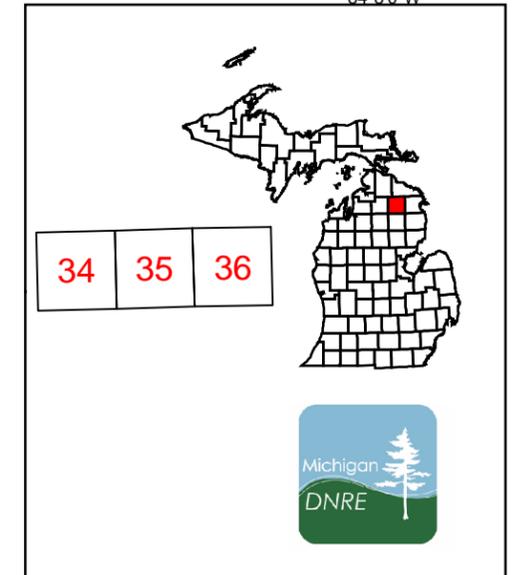
Level 3 OI
Level 4 Code

Cover Type Code



Dedicated & Proposed Special Conservation Area Map

Compartment 24
 T30N, R02E, Sec. 34, 35, 36
 County: Montmorency
 Unit: Atlanta
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- Legend**
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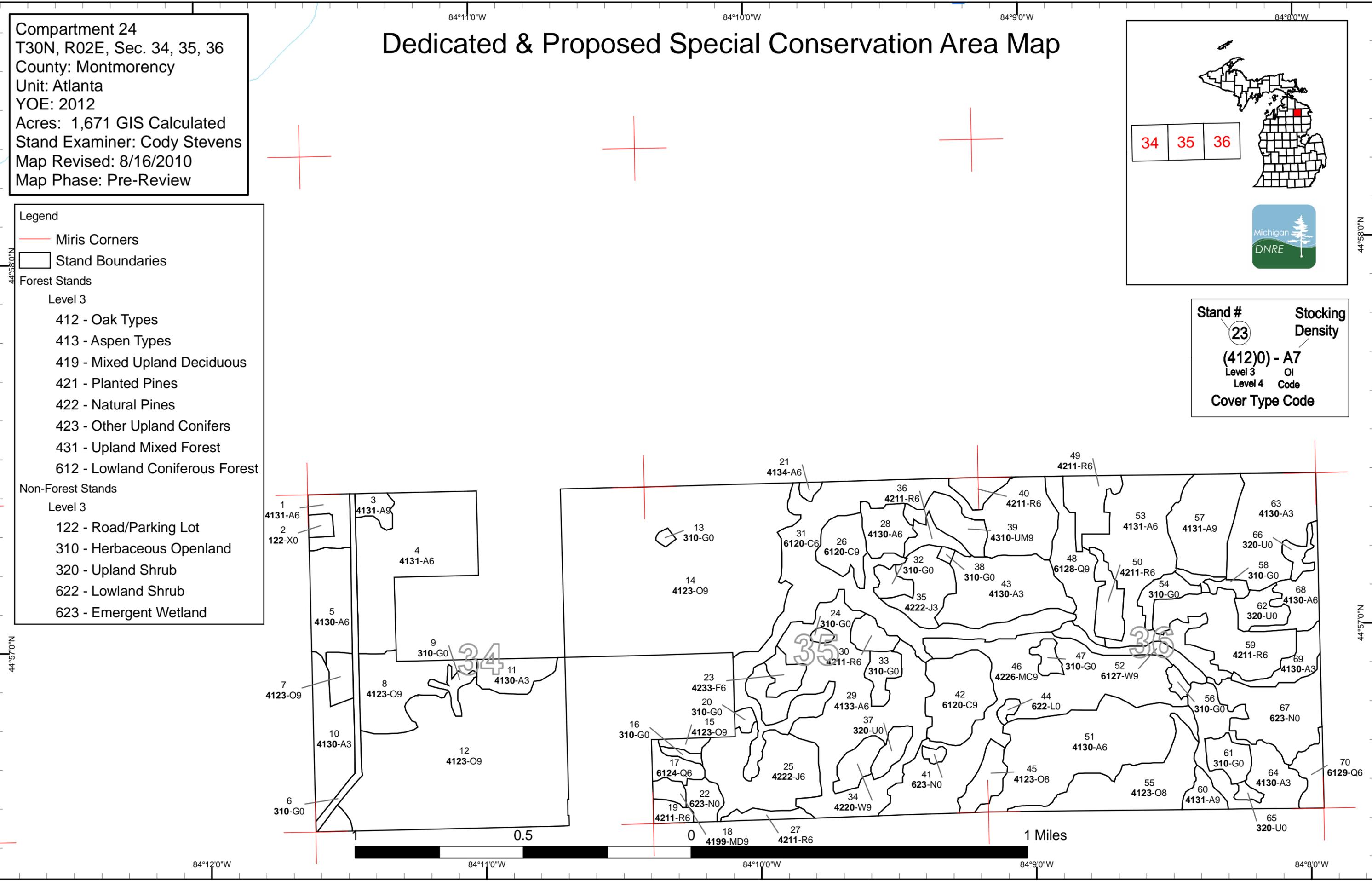
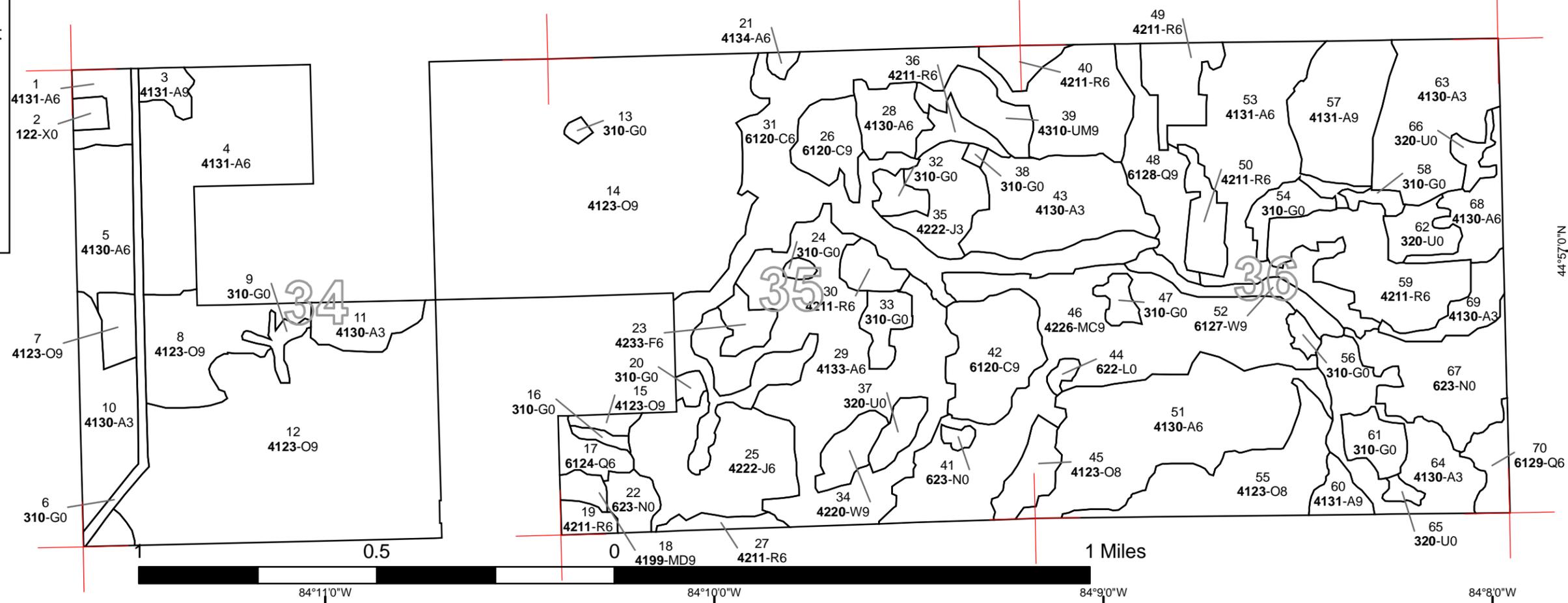


Table 1 – Total Acres by Cover Type and Age Class

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	98	73	237	105	14	0	0	16	38	0	0	0	0	581
Cedar	0	0	0	0	0	0	0	0	0	0	0	173	0	0	0	173
Herbaceous Openland	63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	63
Jack Pine	0	0	19	0	42	0	0	0	0	0	0	0	0	0	0	61
Lowland Conifers	0	0	0	0	0	0	0	0	0	18	31	0	0	0	0	49
Lowland Shrub	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Marsh	44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	44
Mixed Upland Deciduous	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	4
Natural Mixed Pines	0	0	0	0	0	0	0	0	0	99	0	0	0	0	0	99
Oak	0	0	0	0	0	0	0	0	0	242	208	0	0	0	0	450
Red Pine	0	0	0	0	0	0	91	0	0	0	0	0	0	0	0	91
Upland Mixed Forest	0	0	0	0	0	0	0	0	0	13	0	0	0	0	0	13
Upland Shrub	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22
Upland Spruce/Fir	0	0	0	0	7	0	0	0	0	0	0	0	0	0	0	7
Urban	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
White Pine	0	0	0	0	0	0	0	0	0	0	9	0	0	0	0	9
Total	134	0	117	73	286	105	106	0	0	392	286	173	0	0	0	1671



Table 2 – Proposed Treatment Summaries

Data updated before 2:00 PM

Atlanta Mgt. Unit
Year of Entry 2012

Compartment 024
Total Compartment Acres: 1671

Acres by Treatment Type

Commercial Harvest - 347	Site Prep - 0	Tree Planting - 0	Prescribed Burn - 37	Other - 0
Habitat Cut - 13	Opening Maintenance - 56	Tree Seeding - 0	Pesticide - 0	

Cover Type by Harvest Method

	Clearcut	Selection	Seed Tree	Shelterwood	Thinning	Other - Specify	Total Acres
Aspen	59	0	0	0	0	0	59
Natural Mixed Pines	99	0	0	0	0	0	99
Oak	168	0	0	7	0	0	175
Red Pine	0	0	0	0	28	0	28
Total	325	0	0	7	28	0	360



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
3	24003-C.Cut	5.7	4131 - Aspen, Oak	High Density Log	90	Harvest	Clearcut with Reserves	Aspen	Cmpt. Review Proposal
<p><u>Prescription</u> Clear Cut: leave 1-3 oak and pine per acre. <u>Specs:</u></p> <p><u>Other</u> Acceptable regen is any mix of aspen, oak and pine. <u>Comments:</u></p> <p><u>Next</u> Regen check in 3-5 yrs after harvest. <u>Steps:</u></p>									
7	24007-Shelt	6.9	4123 - Red Oak	High Density Log	89	Harvest	Shelterwood	Oak, Aspen	Cmpt. Review Proposal
<p><u>Prescription</u> Shelterwood cut: Leave up to 10-20 BA of Oak. <u>Specs:</u></p> <p><u>Other</u> Acceptable regen is any mix of oak, aspen and pine. <u>Comments:</u></p> <p><u>Next</u> Regen check in 3-5 yrs after harvest. <u>Steps:</u></p>									
14	24014-C.Cut	167.7	4123 - Red Oak	High Density Log	92	Harvest	Clearcut with Reserves	Aspen, Oak	Cmpt. Review Proposal
<p><u>Prescription</u> Clear Cut: In areas of heavy oak leave up to 10-20 BA of oak and pine. In areas predominantly aspen only leave scattered oak. Watch for steep slopes along east edge. <u>Specs:</u></p> <p><u>Other</u> Acceptable regen is any mix of aspen, oak and pine. Some white pine regen is present. Leave both a mix of red and white oak. No retention is needed, leaving portion of stand because of steep slopes. <u>Comments:</u></p> <p><u>Next</u> Regen survey in 3-5 yrs after harvest. <u>Steps:</u></p>									
36	24036-Thin	6.3	42110 - Planted Red Pine	High Density Pole	50	Harvest	Systematic Thinning	Planted Red Pine	Cmpt. Review Proposal
<p><u>Prescription</u> Third row thin. In some areas the rows are not real clear and may need to be marked. <u>Specs:</u></p> <p><u>Other</u> <u>Comments:</u></p> <p><u>Next</u> <u>Steps:</u></p>									
40	24040-Thin	6.5	42110 - Planted Red Pine	High Density Pole	50	Harvest	Systematic Thinning	Planted Red Pine	Cmpt. Review Proposal
<p><u>Prescription</u> Third Row Thin. <u>Specs:</u></p> <p><u>Other</u> <u>Comments:</u></p> <p><u>Next</u> <u>Steps:</u></p>									
46	24046-C.Cut	98.5	42260 - Natural Pine, Mixed Deciduous	High Density Log	89	Harvest	Clearcut with Reserves	Natural Mixed Pine	Cmpt. Review Proposal
<p><u>Prescription</u> Clear cut: Leave 1-3 pine and oak per acre. <u>Specs:</u></p> <p><u>Other</u> Acceptable regen is any mix of pine, oak and aspen. Some areas of low ground that might be good spots to put retention. <u>Comments:</u></p> <p><u>Next</u> Regen check in 3-5 yrs after harvest. <u>Steps:</u></p>									



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
49	24049-Thin	14.8	42110 - Planted Red Pine	High Density Pole	54	Harvest	Crown Thinning	Planted Red Pine	Cmpt. Review Proposal
<u>Prescription</u> Thin to 120 BA <u>Specs:</u> <u>Other</u> <u>Comments:</u> <u>Next</u> <u>Steps:</u>									
57	24057-C.Cut	32.6	4131 - Aspen, Oak	High Density Log	91	Harvest	Clearcut with Reserves	Aspen, Oak	Cmpt. Review Proposal
<u>Prescription</u> Clear Cut: Leave scattered oak and pine through-out stand. In areas predominatly oak leave up to 20 BA residual. <u>Specs:</u> <u>Other</u> Acceptable regen is any mix of aspen, oak and pine. <u>Comments:</u> <u>Next</u> Regen check in 3-5 yrs after harvest. <u>Steps:</u>									
60	24060-C.Cut	6.1	4131 - Aspen, Oak	High Density Log	82	Harvest	Clearcut with Reserves	Aspen	Cmpt. Review Proposal
<u>Prescription</u> Clear Cut: leave 1-3 oak and pine per acre. No retention is needed, stand is small and surrounding types are the same species composition. <u>Specs:</u> <u>Other</u> Acceptable regen is any mix of aspen, oak and pine. <u>Comments:</u> <u>Next</u> Regen survey in 3-5 yrs after harvest. <u>Steps:</u>									
68	24068-C.Cut	14.5	4130 - Aspen	High Density Pole	55	Harvest	Clearcut	Aspen	Cmpt. Review Proposal
<u>Prescription</u> Clear Cut <u>Specs:</u> <u>Other</u> Acceptable regen is any mix of aspen, oak and pine. <u>Comments:</u> <u>Next</u> Regen check in 3-5 yrs after harvest. <u>Steps:</u>									
55	24055-Burn	36.8	4123 - Red Oak	Medium Density Log	82	Prescribed Burn	Unspecified	Red Oak	Cmpt. Review Proposal
<u>Prescription</u> Understory burn to reduce red maple stems. Include treated area of stand 8 in Compartment 4. <u>Specs:</u> <u>Other</u> <u>Comments:</u> <u>Next</u> Follow up with timber harvest next entry. <u>Steps:</u>									
16	NF_54024016-NonFor	1.9	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</u> Time manitenance to avoid reptile nesting season <u>Comments:</u> <u>Next</u> Monitor for cover type and perform opening maintenance on 5-10 year rotation <u>Steps:</u>									

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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
32 NF_54024032-NonFor	5.2	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								
33 NF_54024033-NonFor	7.5	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								
37 NF_54024037-NonFor	6.3	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								
47 NF_54024047-NonFor	4.1	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								
54 NF_54024054-NonFor	7.8	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								
56 NF_54024056-NonFor	2.6	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
58 NF_54024058-NonFor	2.9	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 Steps: Monitor for cover type and perform opening maintenance on 5-10 year rotation

61 NF_54024061-NonFor	8.8	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 Steps: Monitor for cover type and perform opening maintenance on 5-10 year rotation

62 NF_54024062-NonFor	9.2	Non-Forested		0	Non-Forest Management	Brush Cutting	Mixed Upland Shrub	Cmpt. Review Proposal
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Prescription Remove tree encroachment leaving shrub species

Specs:

Other

Comments:

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

**Total Treatment
Acreage Proposed: 452.8**



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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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Prescription
Specs:

Other
Comment:

Next
Steps:

Limiting Factor and No
Treatment Reason

Total Treatment
Acreage Proposed: 0

Data updated before 2:00 PM

Out of YOE -- Treatments
Prescribed with No Limiting Factor

Year of Entry: 2012



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

Prescription 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.

Other 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.

Next Regen survey 3-5 yrs after harvest.
Steps:

54030_OutOfY OE-STR	1.2				Harvest	Seed Tree with Reserves	Natural Red Pine, Mixed Deciduous	Cmpt. Review Proposal
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Prescription 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.

Other
Comments:

Next Continued scarification until full stocking of red pine is achieved.
Steps:

54004_St8- Burn	12.1				Prescribed Burn	Unspecified	Red Oak	Cmpt. Review Proposal
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Prescription Burn with adjacent stand in Compartment 24. Understory burn to remove red maple regeneration
Specs:

Other
Comments:

Next follow up with timber harvest next entry.
Steps:

**Total Treatment
Acreage Proposed: 38.2**



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
1	4131 - Aspen, Oak	High Density Pole	9.6	89		
3	4131 - Aspen, Oak	High Density Log	5.7	90		mature stand of oak and aspen. few scattered pine.
4	4131 - Aspen, Oak	High Density Pole	67.9	41		oak and pine heavier in south.
5	4130 - Aspen	High Density Pole	24.2	41		nicest aspen stand in area, less oak residual was left.
7	4123 - Red Oak	High Density Log	6.9	89	141-170	small stand of oak.
8	4123 - Red Oak	High Density Log	30.9	89	81-110	mix of mature oak with smaller aspen.
10	4130 - Aspen	High Density Sapling	28.9	25		scattered pine and oak residual. few pockets were left for visual.
11	4130 - Aspen	High Density Sapling	13.0	17		steep slopes, scattered birch.
12	4123 - Red Oak	High Density Log	154.2	89	141-170	nice stand of wood, but entire stand has inoperable slopes. scattered, ash white oak and white pine with. some pine regen
14	4123 - Red Oak	High Density Log	207.9	92		nice stand of oak, with areas of aspen. scattered white pine and ash. white pine regen mainly in pockets. steep slopes prevent treating entire stand.
15	4123 - Red Oak	High Density Log	3.1	86	51-80	small stand, poor access, low volumes. hold and treat with adjacent stand.
17	6124 - Lowland Spruce- Fir	High Density Pole	7.2	89		survey corner in nw corner of stand. pocket of tagalder where stand flooded in south part of stand.
18	4199 - Other Mixed Upland Deciduous	High Density Log	3.9	86		stand topography is mainly two n/s ridges. aspen is towards north edge. poor access
19	42110 - Planted Red Pine	High Density Pole	4.5	51	111-140	stand was thinned in 2009.
21	4134 - Aspen, Spruce/Fir	High Density Pole	1.7	35		small stand of upland aspen surrounded by lowland cedar. treat with stand in adjacent compartment.
23	42330 - Upland Fir	High Density Pole	6.8	36		q-type that was cut with surrounding stand.
25	42220 - Natural Jack Pine	High Density Pole	42.2	37		low quality jack pine.

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Atlanta Mgt. Unit

5 – Forested Stands

Compartment: 024

Data updated before 2:00 PM

Year of Entry: 2012



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
26	6120 - Lowland Cedar	High Density Log	14.3	103		New stand added.
27	42110 - Planted Red Pine	High Density Pole	4.5	51	81-110	treat with adjacent stand to south.
28	4130 - Aspen	High Density Pole	12.5	44		New stand added.
29	4133 - Aspen, Mixed Pine	High Density Pole	100.2	36		some scattered red pine and white oak. few small areas of u-type.
30	42110 - Planted Red Pine	High Density Pole	6.8	51	111-140	stand was thinned in 2004. few scattered oak.
31	6120 - Lowland Cedar	High Density Pole	129.9	103		stream/drainage corridor throughout stand.
34	42200 - Natural White Pine	High Density Log	8.6	91		small area of low ground tagalder in center of stand. the rest of stand is pine uplands.
35	42221 - Natural Jack Pine, Mixed Deciduous	High Density Sapling	19.1	17		
36	42110 - Planted Red Pine	High Density Pole	6.3	50	141-170	scattered oak and maple.
39	4310 - Pine, Oak Mix	High Density Log	13.4	82	111-140	mix of species and ages.
40	42110 - Planted Red Pine	High Density Pole	6.5	50	141-170	
42	6120 - Lowland Cedar	High Density Log	28.4	103		stream in north part of stand.
43	4130 - Aspen	High Density Sapling	40.7	17		some areas of low ground along north edge.
45	4123 - Red Oak	Medium Density Log	10.3	87	51-80	stand was thinned in past 20 years. no oak or aspen regen.
46	42260 - Natural Pine, Mixed Deciduous	High Density Log	98.5	89		small memorial in south part of stand, just north of well pad. few pockets of low ground.
48	6128 - Lowland Coniferous, Mixed Deciduous	High Density Log	22.6	96		mixed of mature pine with young aspen and balsam fir underneath.
49	42110 - Planted Red Pine	High Density Pole	14.8	54	171-200	nice stand of pine, good heights. most understory is west of two-track.

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Atlanta Mgt. Unit

5 – Forested Stands

Compartment: 024

Data updated before 2:00 PM

Year of Entry: 2012



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
50	42110 - Planted Red Pine	High Density Pole	10.8	51	111-140	stand was third row thinned in 2005. except small part of stand west of two-track.
51	4130 - Aspen	High Density Pole	73.1	31		
52	6127 - Lowland Pine	High Density Log	10.9	89		stream/drainage corridor.
53	4131 - Aspen, Oak	High Density Pole	62.0	38		small diameters on a lot of aspen. pretty good hill in center of stand.
55	4123 - Red Oak	Medium Density Log	36.8	82		stand was thinned in 2005.
57	4131 - Aspen, Oak	High Density Log	32.6	91	51-80	stand was thinned 6 yrs ago. regen in pockets.
59	42110 - Planted Red Pine	High Density Pole	36.9	54	111-140	stand was thinned in 2005.
60	4131 - Aspen, Oak	High Density Log	6.4	82		New stand added.
63	4130 - Aspen	High Density Sapling	44.6	18		
64	4130 - Aspen	High Density Sapling	33.3	24		good mix of shrubs in understory.
68	4130 - Aspen	High Density Pole	14.5	55		New stand added. poor form/quality
69	4130 - Aspen	High Density Sapling	10.6	25		edge of low ground along marsh.
70	6129 - Mixed Coniferous Lowland Forest	High Density Pole	8.5	94		some dieback along north edge.



Stand	Cover Type	Acres	Gen Cmts:
2	122 - Road/Parking Lot	3.1	
6	3102 - Grass	12.1	
9	310 - Herbaceous Openland	4.1	
13	3102 - Grass	1.3	
16	3102 - Grass	1.9	New stand added.
20	3102 - Grass	2.4	
22	623 - Emergent Wetland	7.5	
24	3102 - Grass	1.6	
32	310 - Herbaceous Openland	5.2	Stand swapped from Forested to Non-Forested.
33	3102 - Grass	7.5	
37	320 - Upland Shrub	6.3	Stand swapped from Forested to Non-Forested.
38	3102 - Grass	1.1	
41	623 - Emergent Wetland	1.8	
44	622 - Lowland Shrub	1.9	New stand added.
47	3102 - Grass	4.1	
54	3102 - Grass	7.8	
56	3102 - Grass	2.6	
58	3102 - Grass	2.9	



Stand	Cover Type	Acres	Gen Cmts:
61	3102 - Grass	8.8	
62	320 - Upland Shrub	9.2	
65	320 - Upland Shrub	2.0	
66	320 - Upland Shrub	4.4	
67	623 - Emergent Wetland	34.5	



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
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