



**ATLANTA FOREST MANAGEMENT UNIT
COMPARTMENT REVIEW PRESENTATION**

COMPARTMENT # 67 ENTRY YEAR: 2010

Compartment Acreage: 1670 County: Montmorency

Revision Date: October 16, 2008

Stand Examiner: Cody Stevens

Legal Description: T32N R03E 1, 2, 11, 12, 14, 23 & 24

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 north portion of the compartment is level ground with some low areas mixed in. The southern portion of the compartment has fairly level or rolling hills. The entire compartment is dominated by aspen or aspen mixed stands on the higher ground and cedar stands on low ground.

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

There are two main portions of this compartment with two small parcels with no legal access. The compartment has some recreational use by ORVs & snowmobiles mainly for fishing and hunting.

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 known at this time.

Watershed and Fisheries Considerations:

Fisheries Concerns is General:

Wildlife Habitat Considerations:

Mineral Resource and Development Concerns and/or Restrictions:

Surface sediments consist of coarse-textured till and glacial outwash sand and gravel and postglacial alluvium. The glacial drift thickness varies between 200 and 600 feet. Beneath the glacial drift is the Devonian Traverse Group. The Traverse is quarried for limestone and cement products elsewhere in the State. Gravel pits are not located in the area, but potential should be good on the uplands. The Compartment is not leased and has limited potential for the Antrim Shale.

Vehicle Access:

This compartment is accessed from Co Rd 628 & Hubert Rd. There are several two tracks for traversing the area.

Survey Needs:

There may be a fence and timber trespass in section 24.

Recreational Facilities and Opportunities:

There are many opportunities for hunting, fishing and wildlife viewing in the area.

Fire Protection:

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

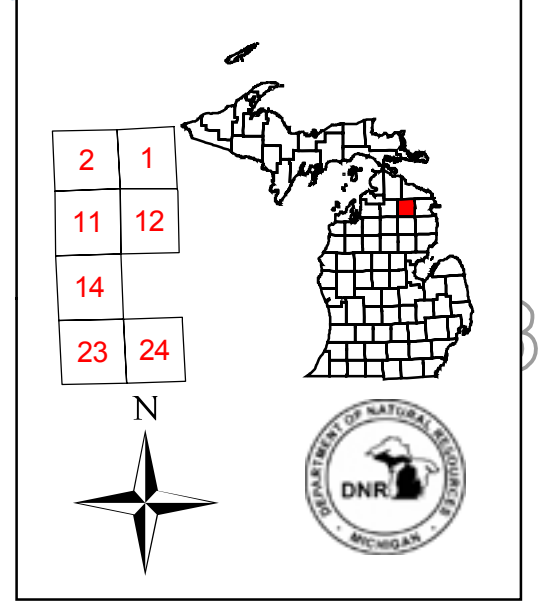
Additional Compartment Information:

- **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**

Cover Type & Treatment Map

Compartment 67
 T32N, R03E, Sec. 1, 2, 11, 12, 14, 23, 24
 County: Montmorency
 Unit: Atlanta
 YOE: 2010
 Acres: 1,670 GIS Calculated
 Stand Examiner: Cody Stevens
 Map Revised: 8/14/2008
 Map Phase: Pre-Review



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

Legend

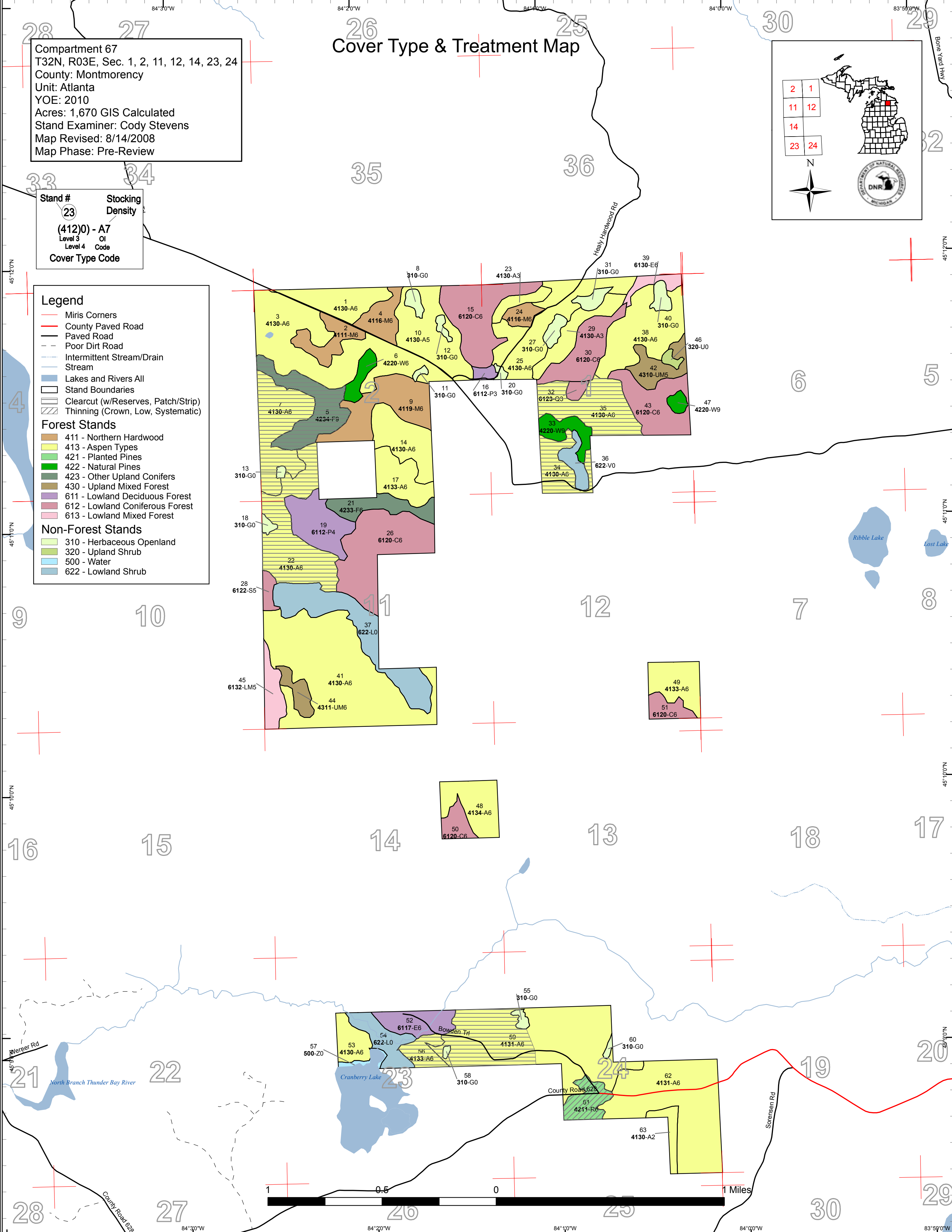
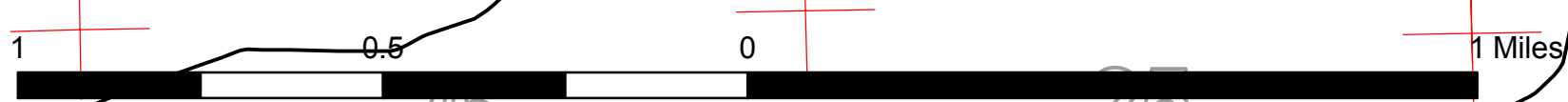
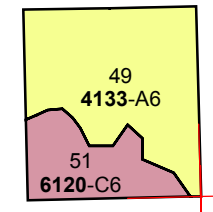
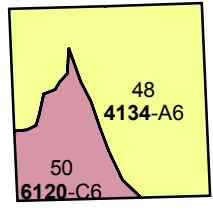
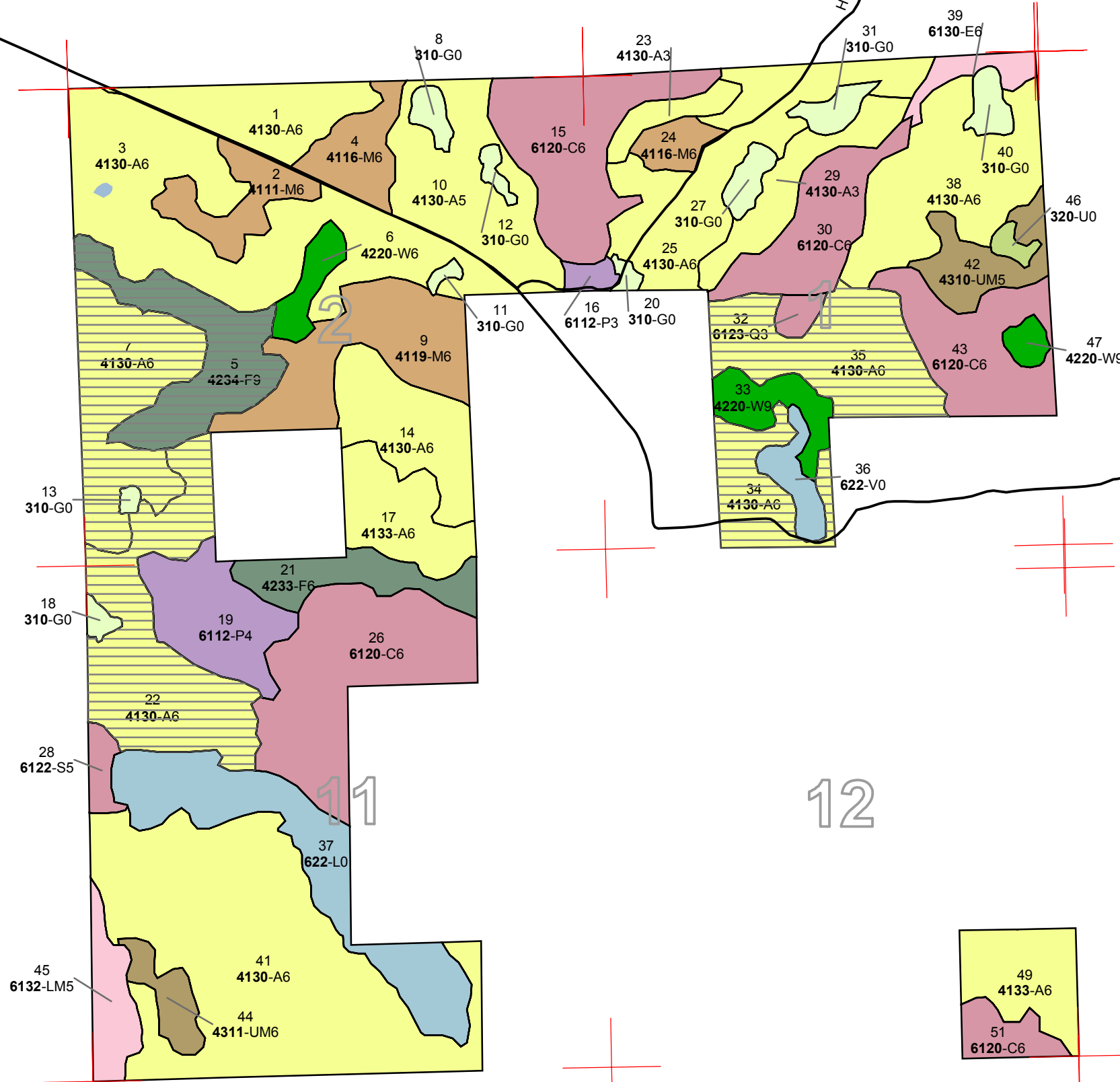
- Miris Corners
- County Paved Road
- Paved Road
- - - Poor Dirt Road
- - - Intermittent Stream/Drain
- Stream
- Lakes and Rivers All
- Stand Boundaries
- Clearcut (w/Reserves, Patch/Strip)
- Thinning (Crown, Low, Systematic)

Forest Stands

- 411 - Northern Hardwood
- 413 - Aspen Types
- 421 - Planted Pines
- 422 - Natural Pines
- 423 - Other Upland Conifers
- 430 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest

Non-Forest Stands

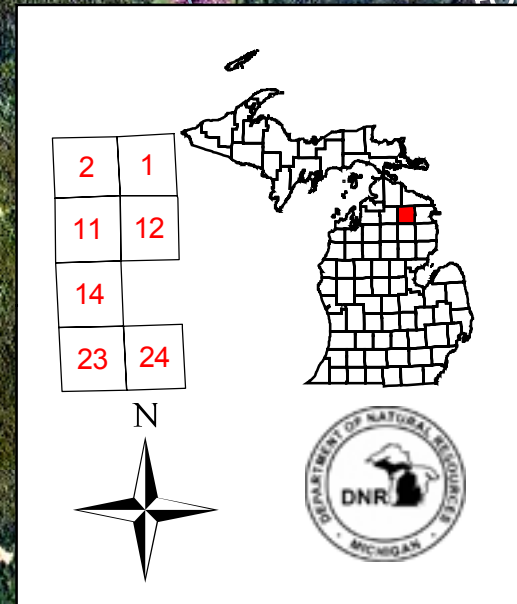
- 310 - Herbaceous Openland
- 320 - Upland Shrub
- 500 - Water
- 622 - Lowland Shrub



Stand Boundary Map

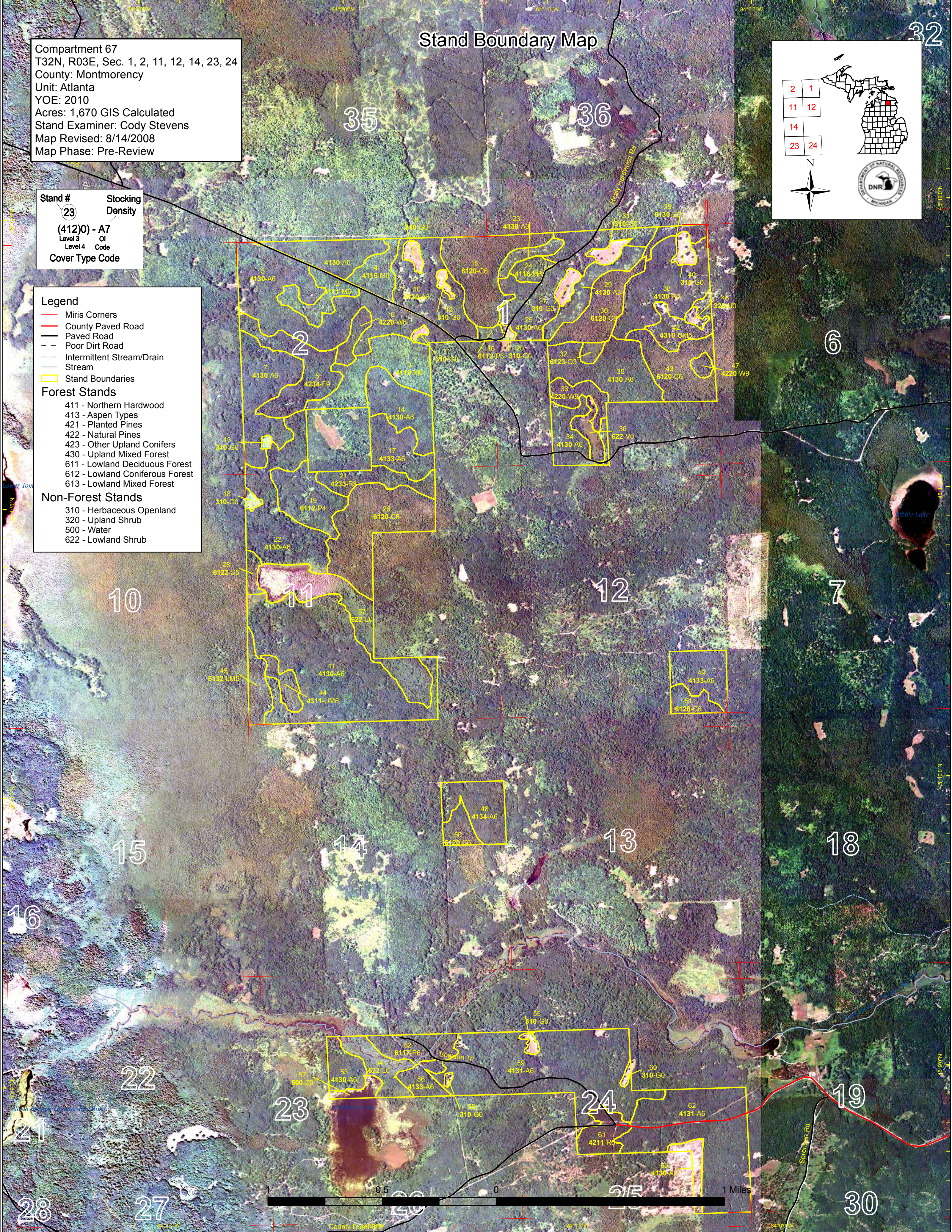
32

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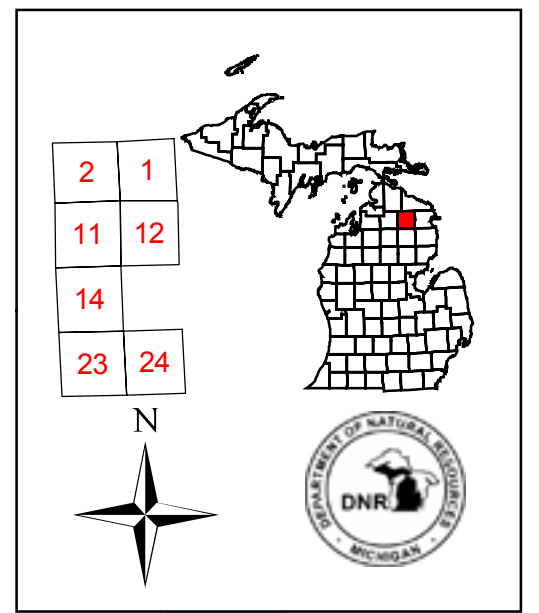
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- Legend**
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Dedicated & Proposed Special Conservation Area Map

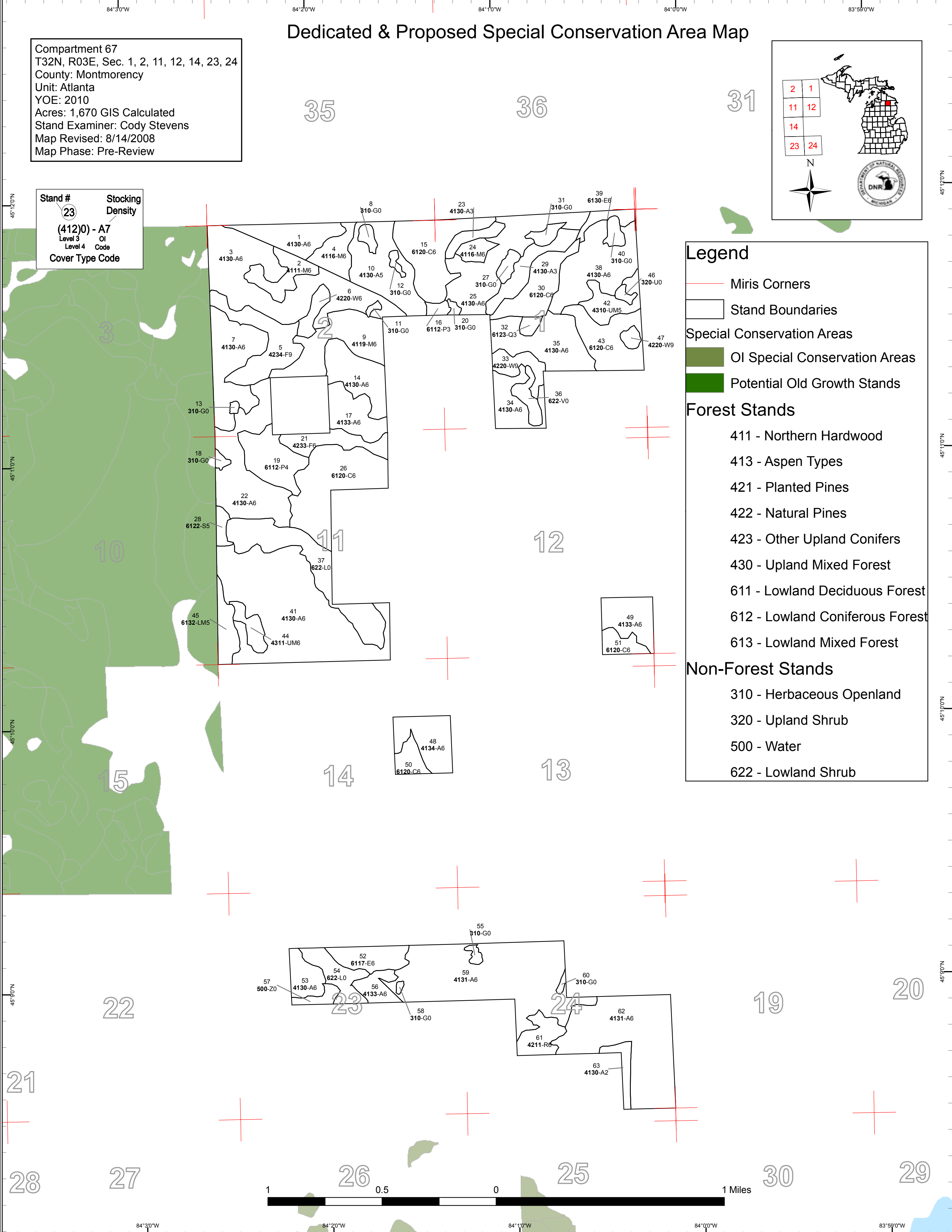
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Stand #
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Stocking Density
 (412)0) - A7
 Level 3 OI
 Level 4 Code
Cover Type Code

Legend

- + Miris Corners
- Stand Boundaries
- Special Conservation Areas**
 - OI Special Conservation Areas
 - Potential Old Growth Stands
- Forest Stands**
 - 411 - Northern Hardwood
 - 413 - Aspen Types
 - 421 - Planted Pines
 - 422 - Natural Pines
 - 423 - Other Upland Conifers
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Atlanta Mgt. Unit

Covertypes, Acres, and Age summary
(Level 3 Cover Type)

Compartment 067 Year of Entry 2010

Report Date: 08/18/2008



	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 Types	0	9.0	29.6	41.2	127.4	820.7	0	0	0	0	0	0	0	0	0	1027.8
Herbaceous Openland	34.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34.1
Lowland Coniferous Forest	0	0	0	4.0	0	0	0	65.5	0	94.7	49.8	0	0	0	0	214.0
Lowland Deciduous Forest	0	0	3.6	0	32.3	0	0	20.9	0	0	0	0	0	0	0	56.8
Lowland Mixed Forest	0	0	0	0	0	0	0	0	7.8	15.1	0	0	0	0	0	23.0
Lowland Shrub	84.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	84.7
Natural Pines	0	0	0	0	0	0	8.9	14.2	4.0	0	0	0	0	0	0	27.1
Northern Hardwood	0	0	0	0	17.1	18.9	52.5	0	0	0	0	0	0	0	0	88.5
Other Upland Conifers	0	0	0	0	0	0	0	39.0	20.3	0	0	0	0	0	0	59.3
Planted Pines	0	0	0	0	0	17.0	0	0	0	0	0	0	0	0	0	17.0
Upland Mixed Forest	0	0	0	0	0	28.4	0	0	0	0	0	0	0	0	0	28.4
Upland Shrub	2.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2.7
Water	6.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6.2
Total	127.7	9.0	33.2	45.2	176.8	885.0	61.4	139.5	32.2	109.8	49.8	0	0	0	0	1669.6



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Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective
5 67005-CCut	39.0	42340 - Upland Spruce/Fir	High Density Log	68	Harvest	Clearcut with Reserves	Upland Spruce/Fir

Rev
Cmnt:

Rev Clear Cut, leave scattered seed trees of spruce and pine. Leave total of 3% retention. Acceptable regen is a mix of aspen, pine and mixed conifer.
Spec:

Next Follow up with Regen Check.
Steps:

7 67007-CCut	49.3	4130 - Aspen	High Density Pole	44	Harvest	Clearcut with Reserves	Aspen
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Rev
Cmnt:

Rev Clear Cut. Leave all oak, white pine and scattered spruce. Leave a total of 3% retention. Acceptable regen will be any combination of species dominated by aspen. Use drumming log spec.
Spec:

Next Follow up with Regen Check.
Steps:

22 67022-CCut	64.7	4130 - Aspen	High Density Pole	42	Harvest	Clearcut with Reserves	Aspen
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Rev May want to limit harvest to frozen ground or dry summer conditions.
Cmnt:

Rev Clear Cut, leave any oak & white pine. May want to leave some scattered spruce for seed source. South end of stand is fairly wet, treatable acres may be less than total stand acres. Acceptable regen will be any mix of species dominated by aspen. Leave 3-5% retention. Use drumming log spec.
Spec:

Next follow up with Regen check.
Steps:

34 67034-CCut	23.1	4130 - Aspen	High Density Pole	48	Harvest	Clearcut with Reserves	Aspen
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Rev May want to limit harvest to frozen ground or dry summer conditions.
Cmnt:

Rev Clear-cut, leave oak and scattered R&W Pine. Leave total of 3% retention. Acceptable regen will be any mix of species dominated by aspen. Use drumming log spec.
Spec:

Next follow up with regen check.
Steps:

35 67035-CCut	47.8	4130 - Aspen	High Density Pole	48	Harvest	Clearcut with Reserves	Aspen
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Rev
Cmnt:

Rev Clear-cut. Leave scattered beech, oak and red/white pine. Could incorporate them into retention islands. Leave 3-5% retention. Acceptable regen will be any mix of species dominated by aspen. Use drumming log spec.
Spec:

Next follow up with regen check.
Steps:

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Atlanta Mgt. Unit
Inventory Method: IFMAP

**PROPOSED TREATMENTS
NO LIMITING FACTORS**

Compartment: 067

Entry Yr: 2010

Date 08/18/2008



Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective
56 67056-CCut	12.6	4133 - Aspen, Mixed Pine	High Density Pole	47	Harvest	Clearcut with Reserves	Aspen, Mixed Pine

Rev
Cmnt:

Rev Clear Cut, Protect WP regen, leave some RP & WP and all oak. Leave 3-5% retention. Acceptable regen will be any mix of species dominated by
Spec: White Pine and Aspen. Use drumming log spec.

Next follow up harvest with regen check.
Steps:

59 67059-CCut	55.4	4131 - Aspen, Oak	High Density Pole	47	Harvest	Clearcut with Reserves	Aspen, Oak
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Rev
Cmnt:

Rev C. Cut west half of stand (West of NF-55) Leave scattered mature oak, white & red pine. May want to leave small diameter oak as well for future mast
Spec: trees. Leave 3-5% total retention. Acceptable regen is any mix of species dominated by aspen. Use drumming log spec.

Next Follow up harvest with regen check.
Steps:

61 67061-Thin	17.0	42110 - Planted Red Pine	High Density Pole	47	Harvest	Systematic Thinning	Planted Red Pine
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Rev May need survey along south edge.
Cmnt:

Rev 3rd row thin stand. No retention needed.
Spec:

Next
Steps:

**Total Treatment
Acreage Proposed: 308.8**

**PROPOSED TREATMENTS
WITH LIMITING FACTORS**



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Treatment Name	Acres	Stage1 Cover Type	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Page 1 of 1
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Limiting Factor
and Comment:

Rev
Cmnt:

Rev
Spec:

Next
Steps:

No Treatment
Reason

**Total Treatment
Acreage Proposed: 0**



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.

Inventory Method: IFMAP

Stand	SCA Name	Acres	Comments
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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	Potential Old Growth Areas	This category contains stands were identified for a broad range of reasons and were coded in the OI database as stand condition 8 as potential old growth (POG). Approximately 310,000 acres have been identified through the Operations Inventory (OI)/Compartment Review process. For stands in Year of Entry 2008 and forward, potential old growth is managed for the identified objective until it is: 1) vetted through the Biodiversity Conservation Planning Process (BCPP) and given a specific designation and objective (as an ERA, HCVA, or other type of SCA) and is released from the potential old growth designation; or 2) it is released from the potential old growth designation via the Compartment Review process.