



ATLANTA FOREST MANAGEMENT UNIT
COMPARTMENT REVIEW PRESENTATION
COMPARTMENT 113 ENTRY YEAR: 2012

Compartment Acreage: 848 County: Alpena

Revision Date: October 26, 2010

Stand Examiner: Major

Legal Description: T32N, R6E, Sec. 24 & 25

RMU (if applicable): Alpena Lake Plain

Management Goals: Protect wetland and general forest management.

Soil and Topography: The compartment is 79% PArVCo and wetland. Sandy ridges are found in the northeast-most 100 acres. The ridges are PArVHa.

Ownership Patterns, Development, and Land Use in and Around the Compartment: State land to north and west of section 24. The rest is surrounded by private land. Private use to east is farming and recreational. There is some residential along Graham and Fitzpatrick Road.

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): None Reported.

Special Management Designations or Considerations: None.

Watershed and Fisheries Considerations: No special considerations exist for this compartment.

Wildlife Habitat Considerations: Compartment 113 is part of a larger swamp complex surrounded by agricultural and hunting lands. It is known for black bear and bobcat and provides deer yarding areas in harsh winters. A 16 acre opening within the compartment provides singing grounds for woodcock as well as feeding areas for other wildlife including deer and turkey.

Mineral Resource and Development Concerns and/or Restrictions: Surface sediments consist of lacustrine (lake) sand and gravel. The glacial drift thickness varies between 0 and 10 feet. Beneath the glacial drift is the Devonian Traverse Limestone. The Traverse limestone is used for limestone/stone. A gravel pit is located in the compartment in Section 25, but the potential on State land appears limited. This area has had limited drilling. The Antrim Shale is not found in this area. There are no oil and gas leases presently.

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

Survey Needs: None.

Recreational Facilities and Opportunities: A snowmobile trail runs along the south and west edges of the compartment.

Fire Protection: Adequate.

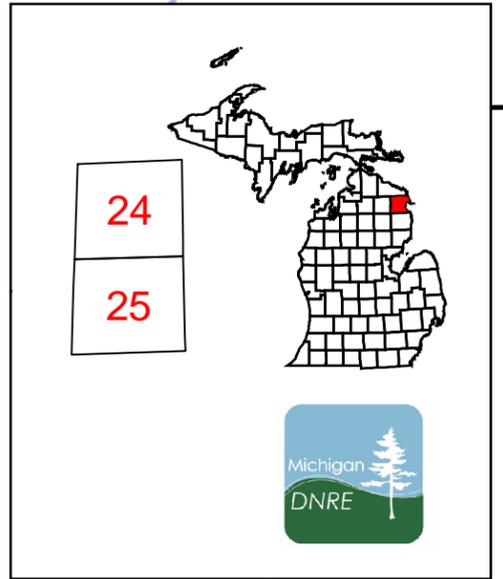
Additional Compartment Information:

- **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**

Compartment 113
 T32N, R06E, Sec. 24 & 25
 County: Alpena
 Unit: Atlanta
 YOE: 2012
 Acres: 848 GIS Calculated
 Stand Examiner: Jeffrey Major
 Map Revised: 8/17/2010
 Map Phase: Pre-Review

Cover Type & Treatment Map



Legend

- Miris Corners
- Paved Roads
- Trails
- Power
- Intermittent Stream/Drain
- Stream
- Lakes and Rivers
- Snowmobile Trails

Treatments

- Mowing
- Other Treatment - See Comments

Forest Stands

Level 3

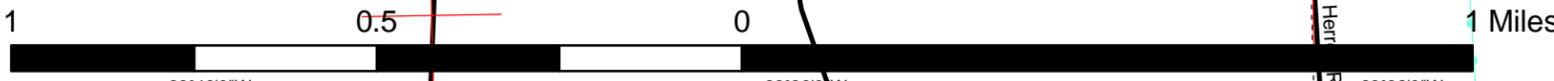
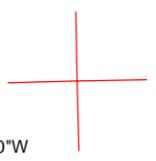
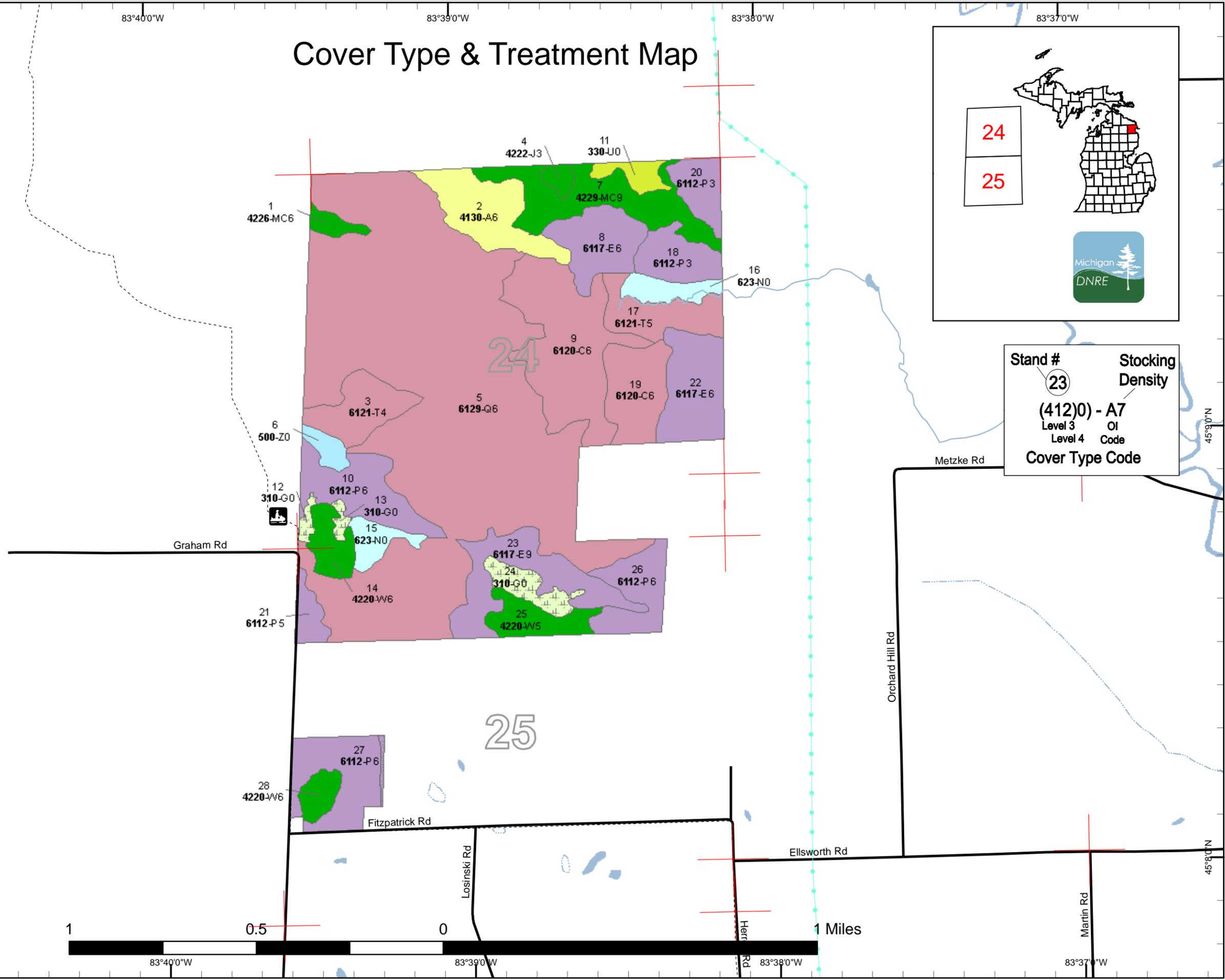
- 413 - Aspen Types
- 422 - Natural Pines
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest

Non-Forest Stands

Level 3

- 310 - Herbaceous Openland
- 330 - Low-Density Trees
- 500 - Water
- 623 - Emergent Wetland

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

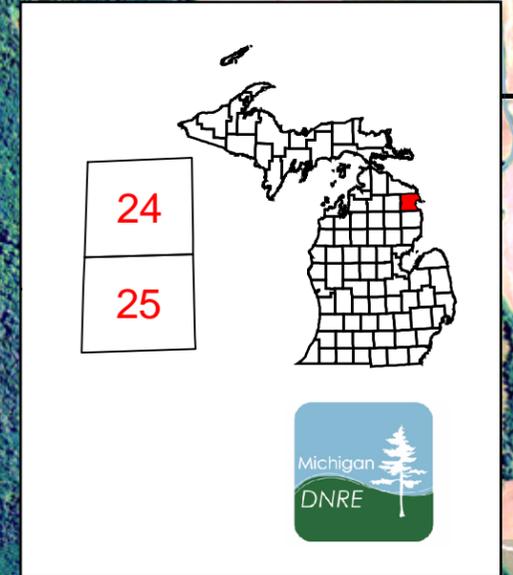


Stand Boundary Map

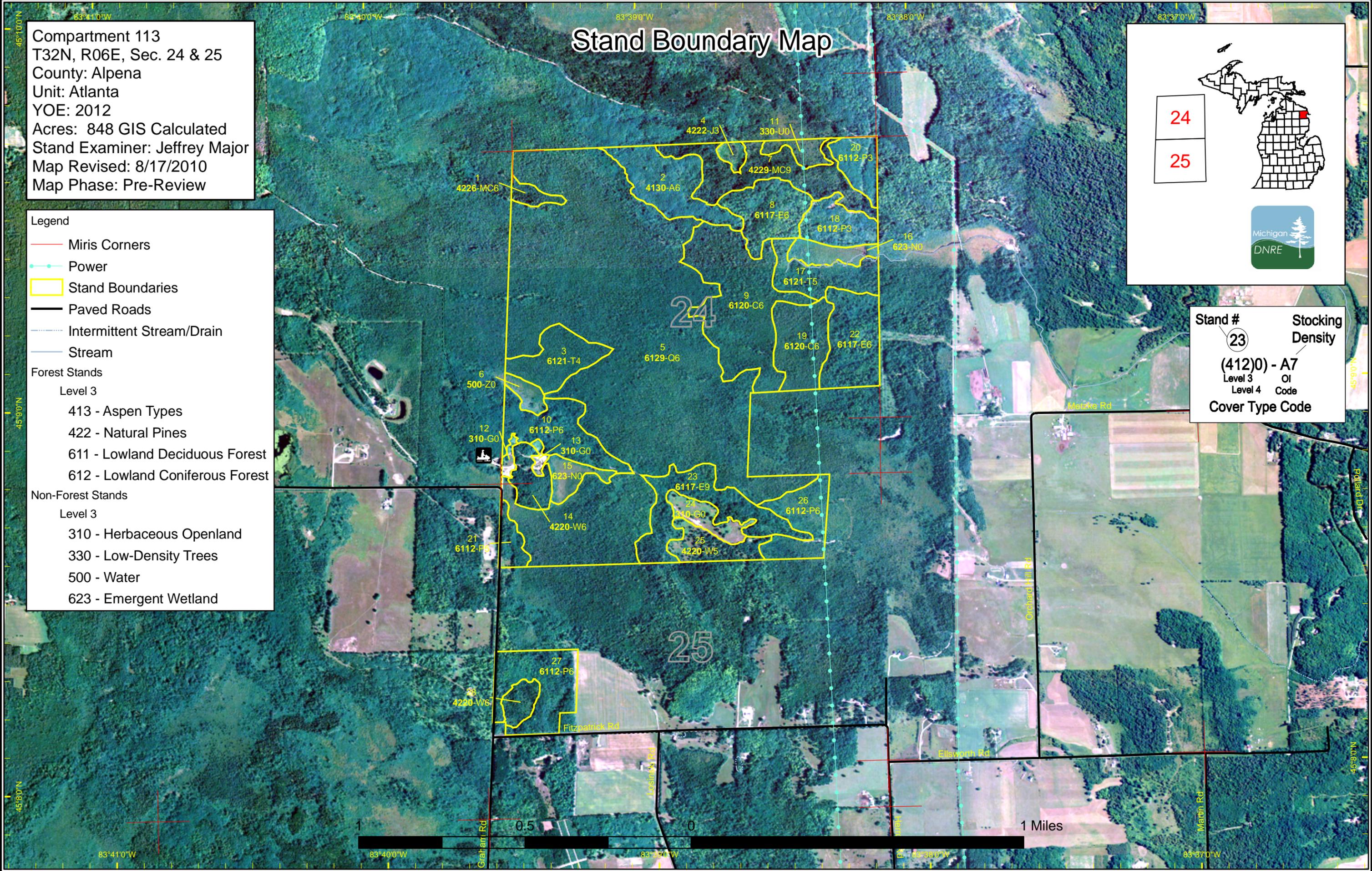
Compartment 113
 T32N, R06E, Sec. 24 & 25
 County: Alpena
 Unit: Atlanta
 YOE: 2012
 Acres: 848 GIS Calculated
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Legend

- Miris Corners
 - Power
 - Stand Boundaries
 - Paved Roads
 - Intermittent Stream/Drain
 - Stream
- Forest Stands**
- Level 3
- 413 - Aspen Types
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- Non-Forest Stands**
- Level 3
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Stand #	Stocking Density
(23)	(412)0 - A7
	Level 3 OI
	Level 4 Code
	Cover Type Code



Dedicated & Proposed Special Conservation Area Map

Compartment 113
 T32N, R06E, Sec. 24 & 25
 County: Alpena
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 Acres: 848 GIS Calculated
 Stand Examiner: Jeffrey Major
 Map Revised: 8/17/2010
 Map Phase: Pre-Review

Legend

- Miris Corners
- Stand Boundaries

Forest Stands

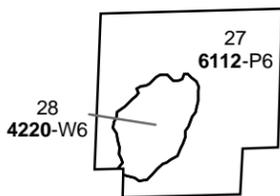
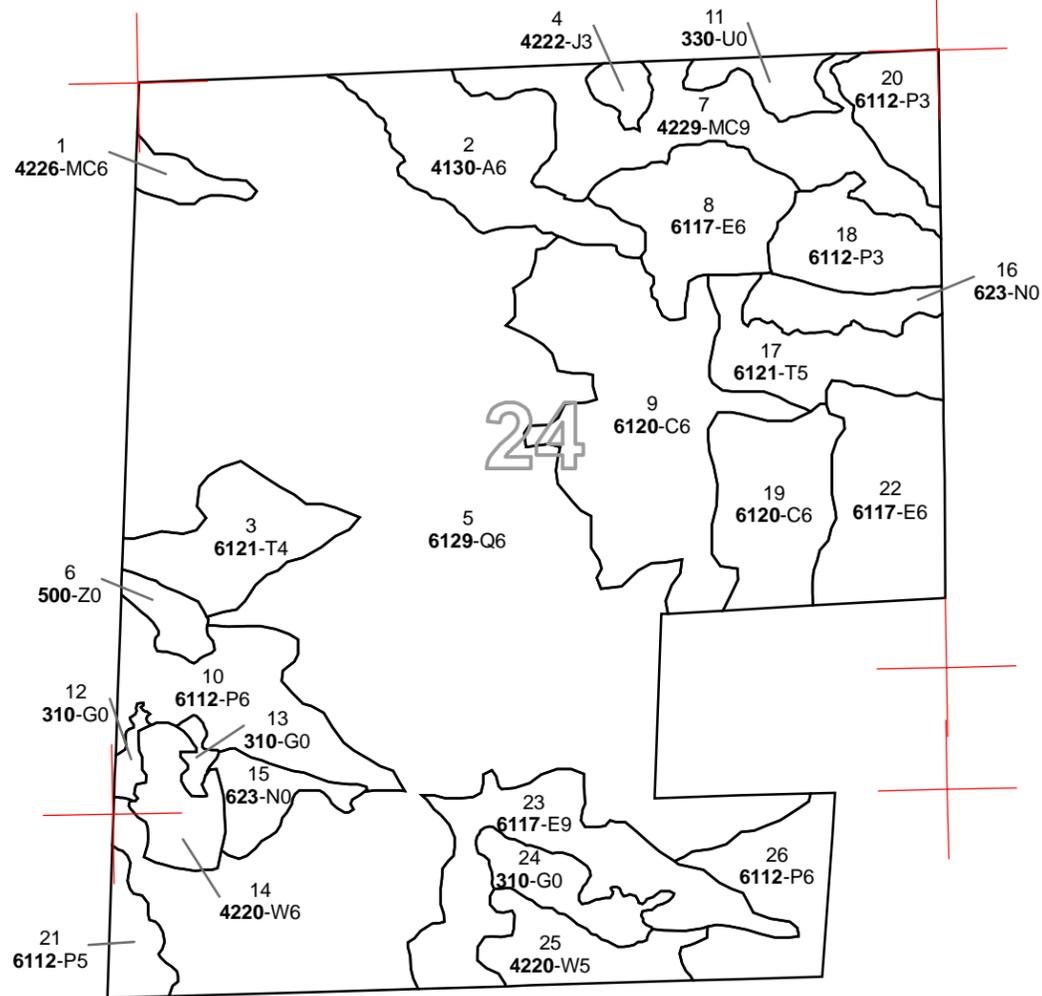
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23	
(412)0 - A7	
Level 3	OI
Level 4	Code
Cover Type Code	

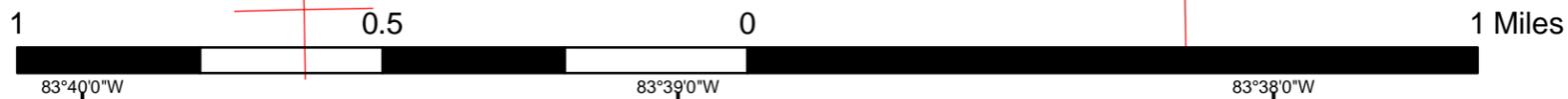


Table 1 – Total Acres by Cover Type and Age Class

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	0	0	30	0	0	0	0	0	0	0	0	0	0	30
Cedar	0	0	0	0	0	0	0	0	0	63	25	0	0	0	0	88
Herbaceous Openland	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15
Jack Pine	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	4
Low-Density Trees	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
Lowland Aspen/Balsam Poplar	0	0	29	0	29	58	0	0	0	0	0	0	0	0	0	116
Lowland Conifers	0	0	0	0	0	0	0	0	0	0	0	0	362	0	0	362
Lowland Deciduous	0	0	0	0	0	0	24	0	0	29	34	0	0	0	0	87
Marsh	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18
Natural Mixed Pines	0	0	0	0	0	0	0	0	0	37	0	5	0	0	0	42
Tamarack	0	0	0	0	0	21	0	0	0	0	21	0	0	0	0	41
Water	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
White Pine	0	0	0	0	0	0	11	22	0	0	0	0	0	0	0	33
Total	45	0	33	0	59	79	35	22	0	129	80	5	362	0	0	848



Table 2 – Proposed Treatment Summaries

Data updated before 2:00 PM

Atlanta Mgt. Unit
Year of Entry 2012

Compartment 113
Total Compartment Acres: 847.6

Acres by Treatment Type

Commercial Harvest - 0	Site Prep - 0	Tree Planting - 0	Prescribed Burn - 0	Other - 0
Habitat Cut - 0	Opening Maintenance - 16	Tree Seeding - 0	Pesticide - 0	

Cover Type by Harvest Method

	Clearcut	Selection	Seed Tree	Shelterwood	Thinning	Other - Specify	Total Acres
	#Error	#Error	#Error	#Error	#Error	#Error	#Error
Total	#Error	#Error	#Error	#Error	#Error	#Error	#Error

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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
27 54113027- NonFor	1.1	6112 - Lowland Aspen	High Density Pole	40	Non-Forest Management	Mowing	Mixed Upland Herbaceous	Cmpt. Review Proposal

Prescription mow to maintain as openingSpecs:Other wildflowers present.Comments:Next Monitor for vegetative type and treat on 5-10 year rotation.Steps:

12 NF_54113012- NonFor	2.2	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 wildlifeSpecs:OtherComments:Next Monitor for cover type and perform opening maintenance on 5-10 year rotationSteps:

13 NF_54113013- NonFor	2.0	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 wildlifeSpecs:OtherComments:Next Monitor for cover type and perform opening maintenance on 5-10 year rotationSteps:

24 NF_54113024- NonFor	10.4	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 wildlifeSpecs:OtherComments:Next Monitor for cover type and perform opening maintenance on 5-10 year rotationSteps:

**Total Treatment
Acreage Proposed: 15.7**



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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

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>Other Comments:</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>Next Steps:</u> Regen survey 3-5 yrs after harvest.</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>Other Comments:</u></p> <p><u>Next Steps:</u> Continued scarification until full stocking of red pine is achieved.</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>Other Comments:</u></p> <p><u>Next Steps:</u> follow up with timber harvest next entry.</p>								
Total Treatment Acreage Proposed:		38.2						

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Atlanta Mgt. Unit

5 – Forested Stands

Compartment: 113

Data updated before 2:00 PM

Year of Entry: 2012



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
1	42260 - Natural Pine, Mixed Deciduous	High Density Pole	4.6	100		
2	4130 - Aspen	High Density Pole	30.4	31		
3	6121 - Tamarack	Low Density Pole	20.7	40		
4	42220 - Natural Jack Pine	High Density Sapling	3.5	17		
5	6129 - Mixed Coniferous Lowland Forest	High Density Pole	361.9	110		
7	42290 - Natural Mixed Pine	High Density Log	37.0	82		No good access.
8	6117 - Lowland Deciduous, Mixed Coniferous	High Density Pole	24.2	54		low wet ground, poorly drained.
9	6120 - Lowland Cedar	High Density Pole	62.6	85		very wet.
10	6112 - Lowland Aspen	High Density Pole	28.1	40		
14	42200 - Natural White Pine	High Density Pole	11.2	50		
17	6121 - Tamarack	Medium Density Pole	20.7	90		too wet to ever log.
18	6112 - Lowland Aspen	High Density Sapling	16.7	17		
19	6120 - Lowland Cedar	High Density Pole	25.4	91		ver wet, no logging chance.
20	6112 - Lowland Aspen	High Density Sapling	12.5	17		
21	6112 - Lowland Aspen	Medium Density Pole	7.5	39		very wet stand.
22	6117 - Lowland Deciduous, Mixed Coniferous	High Density Pole	29.3	85		no access, too wet to log.
23	6117 - Lowland Deciduous, Mixed Coniferous	High Density Log	34.0	90		too wet to harvest.
25	42200 - Natural White Pine	Medium Density Pole	14.4	62		open grown pine, big wolfy tops.

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Atlanta Mgt. Unit

5 – Forested Stands

Compartment: 113

Year of Entry: 2012



Data updated before 2:00 PM

	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
26	6112 - Lowland Aspen	High Density Pole	21.2	39		
27	6112 - Lowland Aspen	High Density Pole	30.0	40		
28	42200 - Natural White Pine	High Density Pole	7.2	61		



Stand	Cover Type	Acres	Gen Cmts:
6	50 - Water	5.3	Stand swapped from Forested to Non-Forested.
11	330 - Low-Density Trees	6.6	Stand swapped from Forested to Non-Forested.
12	310 - Herbaceous Openland	2.2	
13	310 - Herbaceous Openland	2.0	
15	623 - Emergent Wetland	8.6	
16	623 - Emergent Wetland	9.4	
24	310 - Herbaceous Openland	10.4	



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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