



ATLANTA FOREST MANAGEMENT UNIT
COMPARTMENT REVIEW PRESENTATION
COMPARTMENT 070 ENTRY YEAR: 2013

Compartment Acreage: 1731 County: Montmorency

Revision Date: October 27, 2011

Stand Examiner: Barber

Legal Description: T32N, R3E, Sec. 6, 7 & 18

RMU (if applicable): Thunder Bay Outwash MA

Management Goals: Balance age class distribution. Restore hardwood stands in southern part of compartment.

Soil and Topography: Soils are sandy to loamy sand in the north. In the south, soils are wet-organic, loamy sand to heavier soils on AFO habitat types. The north half is PArVHa/PArVVb habitat type; the south is wetland, PArVVb and AFO,

Ownership Patterns, Development, and Land Use in and Around the Compartment: Mostly other state land. The Clear Lake KW Area borders the western edge of this compartment.

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

Archeological, Historical, and Cultural Features (include only non-site specific and non-sensitive information): None Reported.

Special Management Designations or Considerations: None.

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

Wildlife Habitat Considerations: This compartment is primarily younger forest with a history of management. It provides habitat for several featured species including white-tailed deer, black bear, ruffed grouse, American woodcock, and elk. There are several openings scattered through this compartment. Some older openings were natural openings that have become forested and will be allowed to continue conversion. However, there are other openings that will be managed for wildlife habitat through mowing, planting to food and cover, or burning to promote native grasses. Timber treatments should include ground structure management with logs left and trees with tops left on the ground following cutting.

Mineral Resource and Development Concerns and/or Restrictions: Surface sediments consist of coarse-textured glacial till. The glacial drift thickness varies between 200 and 400 feet. Beneath the glacial drift are the Devonian Antrim Shale and Traverse Group. These formations are quarried for clay/shale and limestone. The nearest gravel pit is two miles to the west and the potential is considered to be good. This area has had limited drilling for oil and gas. Drilling is possible; however, the Antrim Shale is mostly missing in this area. There are no leases for oil & gas in the compartment, but there may be potential for the Collingwood Formation.

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

Survey Needs: None.

Recreational Facilities and Opportunities: ORV trail and route are both present.

Fire Protection: Adequate.

Additional Compartment Information:

- **The following 5 reports from the Operations Inventory System (OIPC) are attached:**
 - ◆ **Cover Type by Age Class**
 - ◆ **Cover Type by Management Objective**

- ◆ **Compartment Volume Summary**
 - ◆ **Proposed Treatments – No Limiting Factors**
 - ◆ **Proposed Treatments – With Limiting Factors**
- **The following information is displayed, where pertinent, on the attached compartment maps:**
- ◆ **Base feature information, stand numbers, cover types**
 - ◆ **Proposed treatments**
 - ◆ **Proposed road access system**
 - ◆ **Suggested potential old growth**

Cover Type & Treatment Map

Compartment 70
 T32N, R03E, Sec. 6, 7, 18
 County: Montmorency
 Unit: Atlanta
 YOE: 2013
 Acres: 1,732 GIS Calculated
 Stand Examiner: Richard Barber
 Map Revised: 8/11/2011
 Map Phase: Pre-Review

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

Legend

- Miris Corners
- Paved Roads
- Poor Dirt Roads
- Closed Roads
- Intermittent Stream/Drain
- Stream
- Lakes and Rivers
- Bike Trails
- Hiking Trails
- MCCCT Trails
- ORV Routes
- ORV Trails
- Ski Trails
- Snowmobile Trails
- Bike Trail
- Hiking Trail
- Ski Trail
- MCCCT Trail
- ORV Route
- ORV Trail
- Snowmobile Trail
- State Forest Land

Treatments

- Clearcut (w/Reserves, Patch/Strip)
- Seed Tree (w/Reserves)
- Thinning (Crown, Low, Systematic)
- Prescribed Burn
- Other Treatment - See Comments

Forest Stands

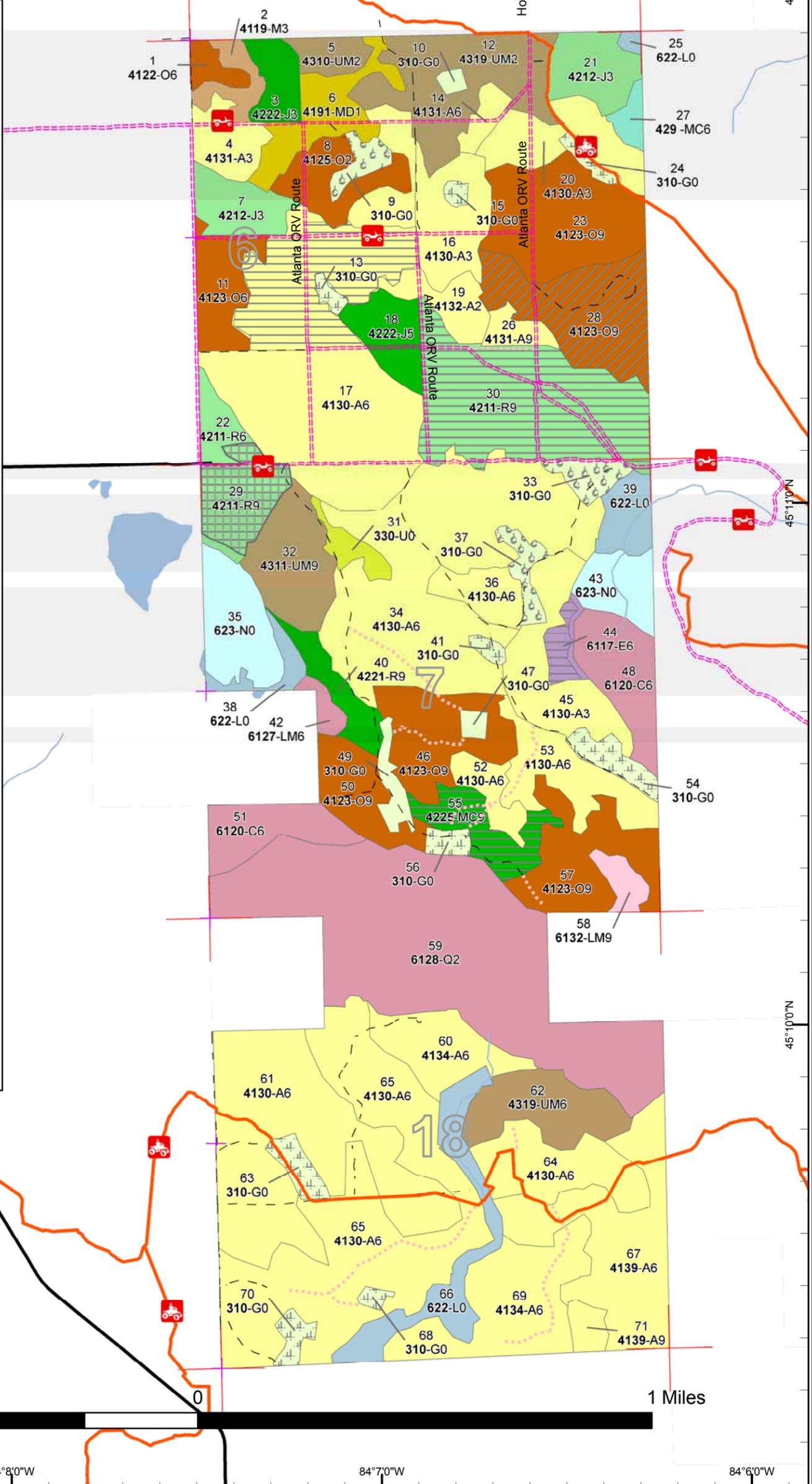
Level 3

- 411 - Northern Hardwood
- 412 - Oak Types
- 413 - Aspen Types
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 422 - Natural Pines
- 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

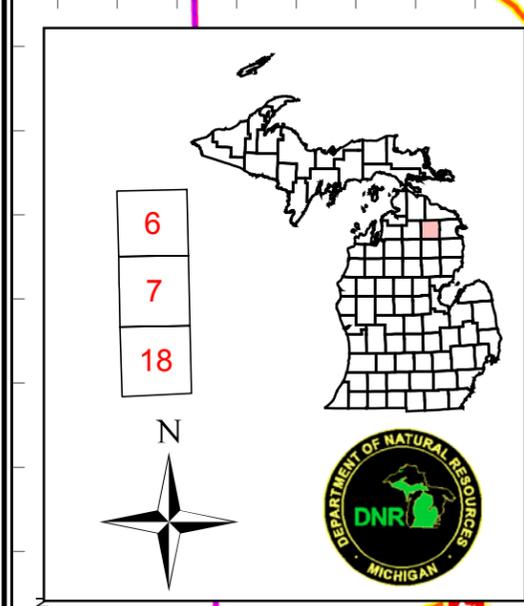
- 310 - Herbaceous Openland
- 330 - Low-Density Trees
- 622 - Lowland Shrub
- 623 - Emergent Wetland



45°12'0"N
 45°11'0"N
 45°10'0"N

84°9'0"W 84°8'0"W 84°7'0"W 84°6'0"W

1 0.5 0 1 Miles



Stand Boundary Map

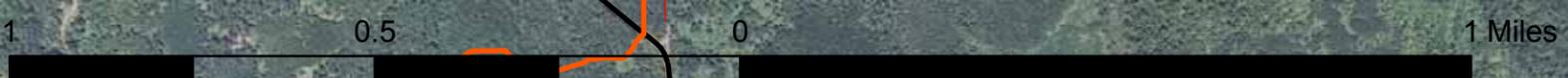
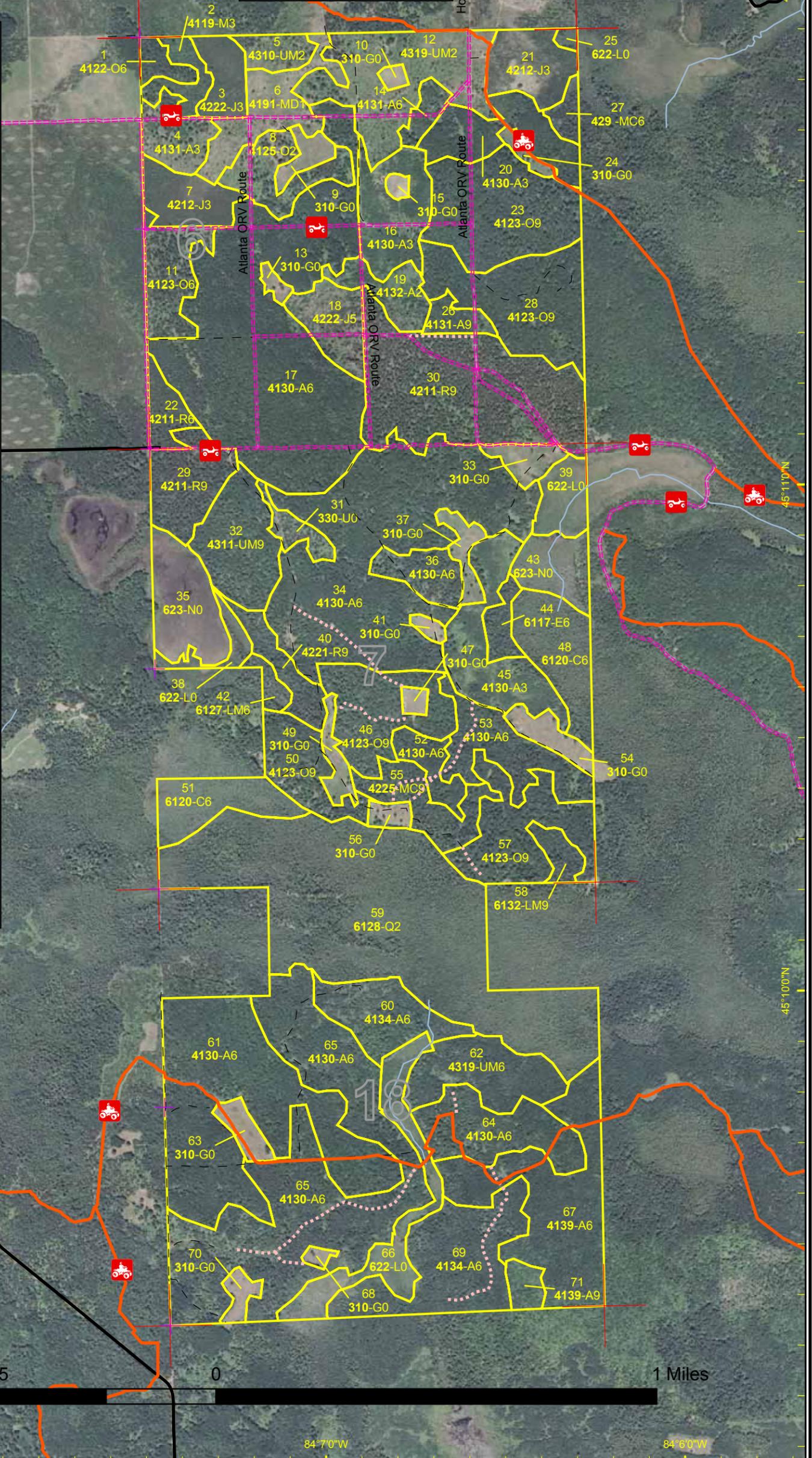
Compartment 70
 T32N, R03E, Sec. 6, 7, 18
 County: Montmorency
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6
 7
 18



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

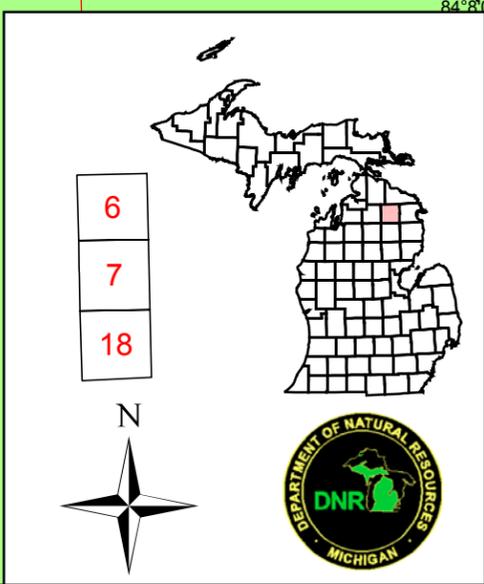
- Legend**
- Miris Corners
 - Paved Roads
 - Poor Dirt Roads
 - Closed Roads
 - Intermittent Stream/Drain
 - Stream
 - Bike Trails
 - Hiking Trails
 - MCCCT Trails
 - ORV Routes
 - ORV Trails
 - Ski Trails
 - Snowmobile Trails
 - Bike Trail
 - Hiking Trail
 - Ski Trail
 - MCCCT Trail
 - ORV Route
 - ORV Trail
 - Snowmobile Trail
 - Stand Boundaries
- Forest Stands**
- Level 3
- 411 - Northern Hardwood
 - 412 - Oak Types
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 - 421 - Planted Pines
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84°8'0"W 84°7'0"W 84°6'0"W

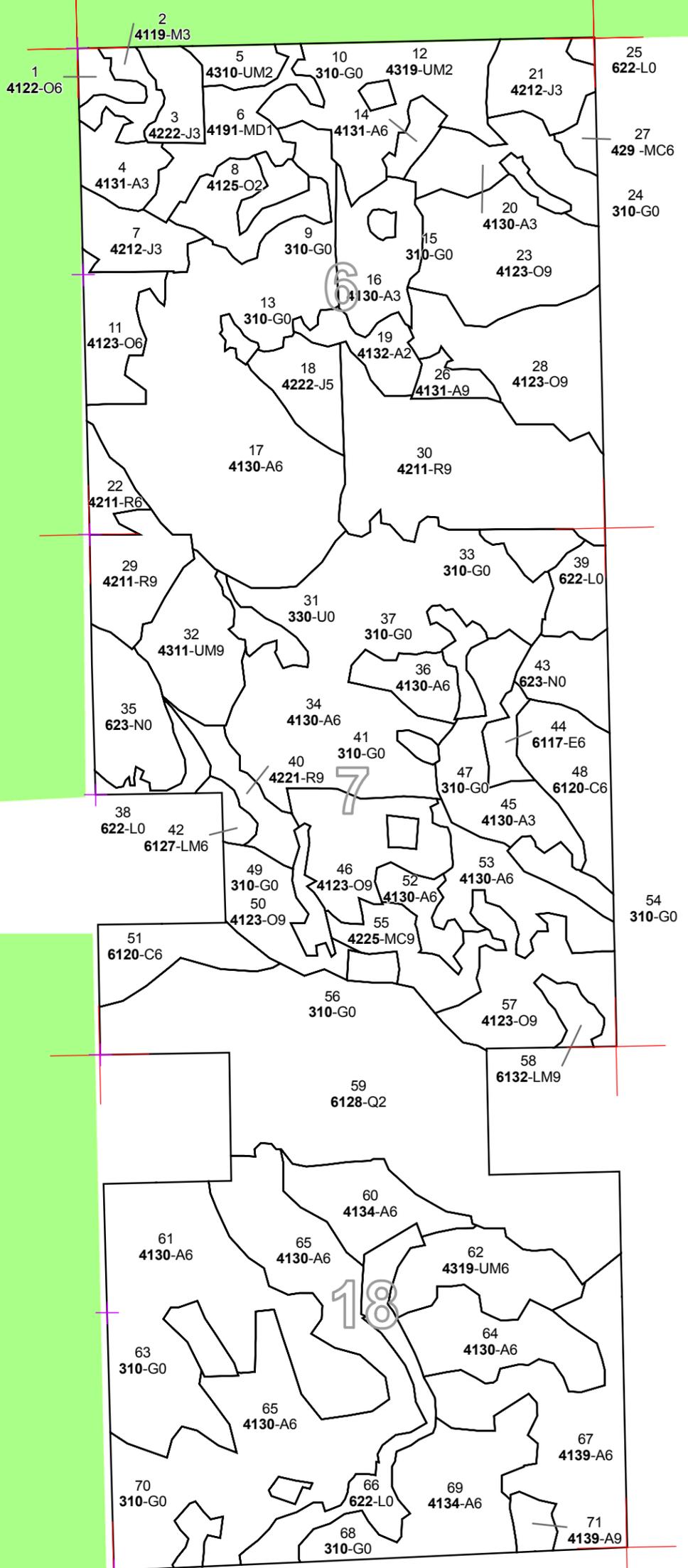
Dedicated & Proposed Special Conservation Area Map

Compartment 70
T32N, R03E, Sec. 6, 7, 18
County: Montmorency
Unit: Atlanta
YOE: 2013
Acres: 1,732 GIS Calculated
Stand Examiner: Richard Barber
Map Revised: 8/11/2011
Map Phase: Pre-Review



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

- Legend**
- Miris Corners
 - + Remonumented Section Corners
 - High Conservation Value Areas
 - Kirtland Warbler Habitat
 - Special Conservation Areas
 - Cold Water Streams
 - Stand Boundaries
- Forest Stands**
- Level 3**
- 411 - Northern Hardwood
 - 412 - Oak Types
 - 413 - Aspen Types
 - 419 - Mixed Upland Deciduous
 - 421 - Planted Pines
 - 422 - Natural Pines
 - 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**
- 310 - Herbaceous Openland
 - 330 - Low-Density Trees
 - 622 - Lowland Shrub
 - 623 - Emergent Wetland



84°8'0"W 84°7'0"W 84°6'0"W

45°12'0"N

45°12'0"N

45°11'0"N

45°11'0"N

45°10'0"N

45°10'0"N

Table 1 – Total Acres by Cover Type and Age Class



	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	14	56	53	644	25	0	0	0	0	5	0	0	0	0	797
Cedar	0	0	0	0	0	0	0	0	0	25	20	0	0	0	0	45
Herbaceous Openland	61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	61
Jack Pine	0	0	45	0	16	0	0	0	0	0	0	0	0	0	0	61
Low-Density Trees	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Lowland Conifers	0	0	0	0	0	0	162	0	0	0	0	4	0	0	0	166
Lowland Deciduous	0	0	0	0	0	0	0	0	0	7	0	0	0	0	0	7
Lowland Mixed Forest	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0	6
Lowland Shrub	46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	46
Marsh	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	40
Mixed Upland Deciduous	0	22	0	0	0	0	0	0	0	0	0	0	0	0	0	22
Natural Mixed Pines	0	0	0	0	0	0	0	0	0	18	0	0	0	0	0	18
Northern Hardwood	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	9
Oak	0	18	0	0	0	0	0	0	5	19	172	0	0	0	0	214
Red Pine	0	0	0	9	0	0	0	0	77	22	0	12	0	0	0	120
Upland Conifers	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	5
Upland Mixed Forest	0	54	0	0	28	0	28	0	0	0	0	0	0	0	0	110
Total	153	108	109	66	687	25	190	0	83	96	197	16	0	0	0	1732



Table 2 – Proposed Treatment Summaries

Atlanta Mgt. Unit
Year of Entry 2013

Compartment 070
Total Compartment Acres: 1732

Acres by Treatment Type

Commercial Harvest - 282	Site Prep - 0	Tree Planting - 0	Prescribed Burn - 19	Other - 0
Habitat Cut - 0	Opening Maintenance - 32	Tree Seeding - 0	Pesticide - 0	

Cover Type by Harvest Method

	<i>Clearcut</i>	<i>Selection</i>	<i>Seed Tree</i>	<i>Shelterwood</i>	<i>Thinning</i>	<i>Other - Specify</i>	<i>Total Acres</i>
Aspen	118	0	0	0	0	0	118
Lowland Deciduous	5	0	0	0	0	0	5
Natural Mixed Pines	18	0	0	0	0	0	18
Oak	0	0	0	42	0	0	42
Red Pine	77	0	21	0	0	0	98
Total	219	0	21	0	42	0	282



S t a n d	Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
17	54070017- CCR	47.6	4130 - Aspen	High Density Pole	32	Harvest	Clearcut with Reserves	4130 - Aspen	Cmpt. Review Proposal
<p><u>Prescription</u> Leave 3-10% of stand area as retention. Acceptable regeneration is any combination of native tree species resulting in a medium or well stocked stand. Leave all oak, red pine and white pine.</p> <p><u>Specs:</u></p> <p><u>Other</u> Use standard trail specs.</p> <p><u>Comments:</u></p> <p><u>Next</u></p> <p><u>Steps:</u></p>									
28	54070028-CT	42.0	4123 - Red Oak	High Density Log	91	Harvest	Crown Thinning	4124 - Red with White Oak	Cmpt. Review Proposal
<p><u>Prescription</u> Remove aspen, hardwoods (except oak) and softwoods (except red and white pine) to a 2" DBH. Reduce remaining BA to 80-90, by crop releasing best oak stem in place (7' for poles, 2 sides for logs.) Do not mark pine. Try to retain better quality white oak in stand.</p> <p><u>Specs:</u></p> <p><u>Other</u> Will not retain red maple, aspen, et cetera due to their undesirability as seed sources. Use standard trail specs.</p> <p><u>Comments:</u></p> <p><u>Next</u></p> <p><u>Steps:</u></p>									
29	54070029- SeedR	20.5	42110 - Planted Red Pine	High Density Log	80	Harvest	Seed Tree with Reserves	42210 - Natural Red Pine	Cmpt. Review Proposal
<p><u>Prescription</u> Mark residual red pine to average tree height spacing. Skid whole tree with chipping of tops, or place tops in equidistant piles between residual trees. Slash work-except actual chipping-must be done concurrently with harvesting. Post sale: Tops may be winter burned or left. Use mechanical and/or thermal methods to naturally regenerate red pine, excluding areas of heavy white pine regeneration. Employ herbicides as last resort.</p> <p><u>Specs:</u></p> <p><u>Other</u> Leave 3-10% of stand area as retention, in a 1 chain minimum buffer along wetlands in south of stand. Acceptable regeneration is any combination of red pine, and white pine resulting in a medium or well stocked stand consisting primarily of red pine.</p> <p><u>Comments:</u></p> <p><u>Next</u></p> <p><u>Steps:</u></p>									
30	54070030-CC	77.4	42110 - Planted Red Pine	High Density Log	79	Harvest	Clearcut	4199 - Other Mixed Upland Deciduous	Cmpt. Review Proposal
<p><u>Prescription</u> Harvest snow-off to increase scarification. Leave slash. Acceptable regeneration is any combination of red pine and oak resulting in a well stocked stand dominated by red pine.</p> <p><u>Specs:</u></p> <p><u>Other</u> Plantation. Leave no in stand retention. Use standard trail specs.</p> <p><u>Comments:</u></p> <p><u>Next</u></p> <p><u>Steps:</u> Burn slash after two years. Use fire and/or mechanical methods to control red maple. Plant red pine. Attempt to maintain some oak regen component in stand.</p>									
44	54070044- CCR	5.0	6117 - Lowland Deciduous, Mixed Coniferous	High Density Pole	89	Harvest	Clearcut with Reserves	6117 - Lowland Deciduous, Mixed Coniferous	Cmpt. Review Proposal
<p><u>Prescription</u> Leave 3-10% of stand area as retention. Paint a 1 chain buffer along adjoining cedar stand to reduce windthrow. Do not cut white pine, or cedar, if present. Acceptable regeneration is any combination of native tree species resulting in a medium or well stocked stand.</p> <p><u>Specs:</u></p> <p><u>Other</u></p> <p><u>Comments:</u></p> <p><u>Next</u></p> <p><u>Steps:</u></p>									



S t a n d	Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
55	54070055- CCR	18.3	42250 - Pine, Oak	High Density Log	81	Harvest	Clearcut with Reserves	42111 - Planted Red Pine, Mixed Deciduous	Cmpt. Review Proposal
<u>Prescription</u> Mark to leave one CLUMP of 2-4 mature oak per acre. Harvest snow off to increase scarification. Require chipping of slash. Slash work, <u>Specs:</u> excepting actual chipping, must be done concurrently with harvest. Flail or scarify to diminish red maple. Plant red pine. Acceptable regeneration is any combination of red pine, white pine and oak resulting in a well stocked stand that is at least half red pine. Leave 3-10% of stand area as retention.									
<u>Other</u>									
<u>Comments:</u>									
<u>Next</u> Flail or scarify to diminish red maple. Plant red pine.									
<u>Steps:</u>									
9	NF_54070009- Burn	5.5	Non-Forested		0	Prescribed Burn	Unspecified	31022 - Warm Season Grass	Cmpt. Review Proposal
<u>Prescription</u> Burn to promote native grasses <u>Specs:</u>									
<u>Other</u> Big bluestem									
<u>Comments:</u>									
<u>Next</u> Monitor for cover type and perform opening maintenance on 5-10 year rotation									
<u>Steps:</u>									
33	NF_54070033- Burn	7.1	Non-Forested		0	Prescribed Burn	Unspecified	31022 - Warm Season Grass	Cmpt. Review Proposal
<u>Prescription</u> Burn to promote native grasses <u>Specs:</u>									
<u>Other</u> Bluestems									
<u>Comments:</u>									
<u>Next</u> Monitor for cover type and perform opening maintenance on 5-10 year rotation									
<u>Steps:</u>									
37	NF_54070037- Burn	6.5	Non-Forested		0	Prescribed Burn	Unspecified	3102 - Grass	Cmpt. Review Proposal
<u>Prescription</u> Burn to promote native grasses <u>Specs:</u>									
<u>Other</u> Bluestems									
<u>Comments:</u>									
<u>Next</u> Monitor for cover type and perform opening maintenance on 5-10 year rotation									
<u>Steps:</u>									
13	NF_54070013- NonFor	2.1	Non-Forested		0	Non-Forest Management	Other - Specify	3102 - Grass	Cmpt. Review Proposal
<u>Prescription</u> Maintain as opening through 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>									



S t a n d	Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
15	NF_54070015- NonFor	1.6	Non-Forested		0	Non-Forest Management	Other - Specify	3102 - Grass	Cmpt. Review Proposal
<u>Prescription</u> Maintain as opening through planting to food and cover crops for wildlife									
<u>Specs:</u>									
<u>Other</u>									
<u>Comments:</u>									
<u>Next</u> Maintain as opening through mowing and/or planting to food and cover crops for wildlife									
<u>Steps:</u>									
24	NF_54070024- NonFor	2.9	Non-Forested		0	Non-Forest Management	Other - Specify	3102 - Grass	Cmpt. Review Proposal
<u>Prescription</u> Maintain as opening through 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>									
41	NF_54070041- NonFor	2.1	Non-Forested		0	Non-Forest Management	Other - Specify	3102 - Grass	Cmpt. Review Proposal
<u>Prescription</u> Maintain as opening through 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>									
54	NF_54070054- NonFor	7.8	Non-Forested		0	Non-Forest Management	Other - Specify	3102 - Grass	Cmpt. Review Proposal
<u>Prescription</u> Maintain as opening through 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>									
56	NF_54070056- NonFor	3.5	Non-Forested		0	Non-Forest Management	Other - Specify	3102 - Grass	Cmpt. Review Proposal
<u>Prescription</u> Maintain as opening through 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>									
63	NF_54070063- NonFor	6.0	Non-Forested		0	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>									

**Table 3 -- Treatments Prescribed
with No Limiting Factor**



S t a n d	Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
68	NF_54070068- NonFor	1.6	Non-Forested		0	Non-Forest Management	Other - Specify	3102 - Grass	Cmpt. Review Proposal

Prescription Maintain as opening through planting to food and cover crops for wildlife
Specs:

Other
Comments:

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

70	NF_54070070- NonFor	4.2	Non-Forested		0	Non-Forest Management	Other - Specify	3102 - Grass	Cmpt. Review Proposal
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Prescription Maintain as opening through planting to food and cover crops for wildlife
Specs:

Other
Comments:

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

**Total Treatment
 Acreage Proposed: 261.9**

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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

Out of YOE -- Treatments
Prescribed with No Limiting Factor

Year of Entry: 2013



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
Comments:

Next
Steps:

**Total Treatment
Acreage Proposed: 0**

S t a n d	Atlanta Mgt. Unit		5 – Forested Stands			Compartment: 070	General Comments:
	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Year of Entry: 2013	
1	4122 - Oak, Pine	High Density Pole	5.3	73	51-80		
2	4119 - Mixed Northern Hardwoods	High Density Sapling	8.7	17			
3	42220 - Natural Jack Pine	High Density Sapling	11.3	17			
4	4131 - Aspen, Oak	High Density Sapling	13.6	7	1-50		BA is for oak residual.
5	4310 - Pine, Oak Mix	Medium Density	8.1	7			
6	4191 - Mixed Upland Deciduous with Conifer	Low Density Sapling	22.3	7			Species distributions are highly variable.
7	42120 - Planted Jack Pine	High Density Sapling	15.6	15			
8	4125 - Black, N. Pin Oak	Medium Density	18.0	7			
11	4123 - Red Oak	High Density Pole	18.7	80	81-110		
12	4319 - Mixed Upland Forest	Medium Density	46.0	7	1-50		ba mostly oak
14	4131 - Aspen, Oak	High Density Pole	5.7	27	1-50		
16	4130 - Aspen	High Density Sapling	24.5	18			
17	4130 - Aspen	High Density Pole	140.4	32	51-80		
18	42220 - Natural Jack Pine	Medium Density Pole	15.9	35			failed red pine platation of yore. water hole. A scruffy stand of scruffy jack pine.
19	4132 - Aspen, Jack Pine	Medium Density	12.4	35	1-50		
20	4130 - Aspen	High Density Sapling	24.0	27			
21	42120 - Planted Jack Pine	High Density Sapling	18.2	17			failed red pine plantation, over run by natural jack pine.
22	42110 - Planted Red Pine	High Density Pole	8.6	26	51-80		



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Atlanta Mgt. Unit

5 – Forested Stands

Compartment: 070
Year of Entry: 2013

Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
4123 - Red Oak	High Density Log	46.0	91	81-110	massive rm stump sprouting.
4131 - Aspen, Oak	High Density Log	6.1	35	51-80	
429 - Mixed Upland Conifers	High Density Pole	4.5	27		Some parts may be lowland.
4123 - Red Oak	High Density Log	42.0	91	81-110	
42110 - Planted Red Pine	High Density Log	21.7	80	141-170	New stand added. lcr=0.2-0.1
42110 - Planted Red Pine	High Density Log	77.4	79	111-140	
4311 - Pine, Aspen Mix	High Density Log	27.9	50	51-80	
4130 - Aspen	High Density Pole	119.6	38	51-80	distribution of non-aspen species is highly variable.
4130 - Aspen	High Density Pole	11.9	38	51-80	
42210 - Natural Red Pine	High Density Log	11.9	101	111-140	big mossy hummocks. Much class 3-4 dead wood
6127 - Lowland Pine	High Density Pole	4.1	101		treed bog.
6117 - Lowland Deciduous, Mixed Coniferous	High Density Pole	6.5	89		
4130 - Aspen	High Density Sapling	31.2	17		
4123 - Red Oak	High Density Log	30.3	93	51-80	
6120 - Lowland Cedar	High Density Pole	24.7	89		
4123 - Red Oak	High Density Log	19.7	93	51-80	Nice quality oak.
6120 - Lowland Cedar	High Density Pole	19.9	91		standing water.
4130 - Aspen	High Density Pole	9.4	38	51-80	New stand added.

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Atlanta Mgt. Unit

5 – Forested Stands

Compartment: 070
Year of Entry: 2013

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
53	4130 - Aspen	High Density Pole	25.4	45		New stand added.
55	42250 - Pine, Oak	High Density Log	18.3	81	51-80	
57	4123 - Red Oak	High Density Log	33.9	93	51-80	New stand added.
58	6132 - Mixed Lowland Forest with Cedar	High Density Log	6.1	89		Cascading vernal ponds and seeps.
59	6128 - Lowland Coniferous, Mixed Deciduous	Medium Density	162.0	50		Sheet flow = 15 ft./min. to the west.
60	4134 - Aspen, Spruce/Fir	High Density Pole	23.4	27	1-50	
61	4130 - Aspen	High Density Pole	92.7	39	1-50	
62	4319 - Mixed Upland Forest	High Density Pole	27.5	38	1-50	
64	4130 - Aspen	High Density Pole	29.2	38	1-50	
65	4130 - Aspen	High Density Pole	120.0	38	51-80	
67	4139 - Aspen, Mixed Deciduous	High Density Pole	57.2	38	51-80	Definitely AFO. This hardwood stand will need years to recover.
69	4134 - Aspen, Spruce/Fir	High Density Pole	45.1	38	51-80	This stand features a substantial, cascading vernal pond which flows from the compartment to the south. Also, there are many patches of pure balsam fir.
71	4139 - Aspen, Mixed Deciduous	High Density Log	5.3	90	51-80	AFO phase? 45" wp stump. The southern part of this stand has escaped the clearcutting which took place to the north. The northern part looks as if someone had been chasing aspen.



Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
9	3102 - Grass	5.5	N/A	Unspecified	Stand swapped from Forested to Non-Forested.
10	3102 - Grass	1.8	N/A	Unspecified	New stand added.
13	3102 - Grass	2.1	N/A	Unspecified	
15	3102 - Grass	1.6	N/A	Unspecified	
24	3102 - Grass	2.9	N/A	Unspecified	
25	622 - Lowland Shrub	1.4	N/A	Unspecified	
31	330 - Low-Density Trees	6.2	N/A	Unspecified	
33	3102 - Grass	7.1	N/A	Unspecified	
35	623 - Emergent Wetland	24.9	N/A	Unspecified	
37	3102 - Grass	6.5	N/A	Unspecified	
38	622 - Lowland Shrub	6.0	N/A	Unspecified	
39	622 - Lowland Shrub	11.7	N/A	Unspecified	
41	3102 - Grass	2.1	N/A	Unspecified	
43	623 - Emergent Wetland	14.9	N/A	Unspecified	
47	3102 - Grass	2.2	N/A	Unspecified	
49	3102 - Grass	5.8	N/A	Unspecified	
54	3102 - Grass	7.8	N/A	Unspecified	
56	3102 - Grass	3.5	N/A	Unspecified	



Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
63	3102 - Grass	6.0	N/A	Unspecified	
66	622 - Lowland Shrub	27.3	N/A	Unspecified	
68	3102 - Grass	1.6	N/A	Unspecified	
70	3102 - Grass	4.2	N/A	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



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
HCVA	Designated Critical Habitat	Critical habitat areas are established via a consultative and cooperative process between the DNR and the U.S. Fish and Wildlife service for the recovery of threatened and endangered species, as governed by Part 365, Endangered Species Protection, of the Natural Resources and Environmental Protection Act, 1994 PA 451, and the Federal Endangered Species Act of 1973. This is an active program, with proposed species plans in various stages of review. As of now only two exist, Kirtland Warbler Habitat and Piping Plover Habitat.