



**ATLANTA FOREST MANAGEMENT UNIT**  
**COMPARTMENT REVIEW PRESENTATION**  
**COMPARTMENT 049 ENTRY YEAR: 2012**

**Compartment Acreage: 1774      County: Montmorency**

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**Revision Date:** October 26, 2010

**Stand Examiner:** Major

**Legal Description:** T31N, R3E, Sec. 2, 11, 14 & 23

**RMU (if applicable):** Thunder Bay Outwash

**Management Goals:** Management of conifers, mostly pine.

**Soil and Topography:** This relatively flat compartment is dominated by PVCd,, with PArVHa in a secondary role. This is a patch AFO in the extreme south, separated from the rest of the compartment by PArVCo, wetlands and Miller Creek.

**Ownership Patterns, Development, and Land Use in and Around the Compartment:** Surrounding lands are mostly other stateland and a few hunting parcels. The farmland of Pleasant Valley lies to the south.

**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:** There are two or more legacy stand condition 8 stands.

**Watershed and Fisheries Considerations:** Miller Creek and Brush Creek are high quality wild brook trout streams, based on fisheries data over the years. Fish Division has been working hard to remove a small dam at the mouth of Miller Creek, to open upstream fish passage.

Both creeks (but particularly Brush Creek) have numerous documented beaver overuse issues. Maintain a 300 ft. (100 m) buffer against clear cuts along both streams.

**Wildlife Habitat Considerations:** Compartment 49 includes two creeks with adjacent lowland habitats which support various waterfowl, reptiles, amphibians, and their predators including raccoon, bobcat, mink, and Great Blue Heron. Furbearers including beaver, mink, muskrat, black bear, bobcat, and coyote use the lowlands as corridors as well as year-round habitat. Many bird species stand to benefit from the juxtaposition of lowland and upland habitats present in the compartment. These include common yellowthroat, yellow-rumped warbler, gray catbird, red-eyed vireo, white-throated sparrow, hermit thrush, red-breasted nuthatch, ruffed grouse, and American woodcock. The area is good winter cover for deer and is used by elk as travel corridor east and west. Proposed harvests include primarily thinning of red pine which will have minimal impact on wildlife use of the compartment.

**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 600 feet. Beneath the glacial drift are the Mississippian Berea Sandstone and Bedford Shale. There is no known economic use for these formations. The nearest gravel pit is two miles to the west, and potential in the compartment is considered poor. The southern area has been drilled and is producing gas from the Antrim Shale. Additional Antrim drilling is likely.

**Vehicle Access:** Access is good, except to areas south of Miller Creek.

**Survey Needs:** None. Surveying will be required to prove trespass for timber sale preparation.

**Recreational Facilities and Opportunities:** There is a snowmobile trail/ORV route plus an ORV trail.

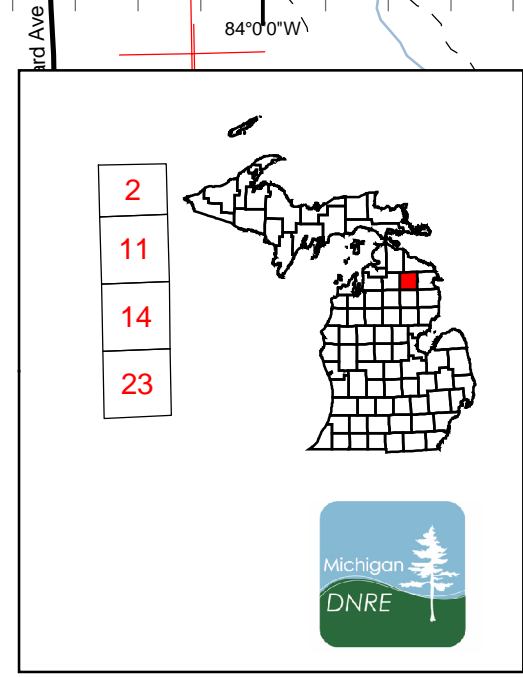
**Fire Protection:** Adequate.

**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 49  
 T31N, R03E, Sec. 2, 11, 14 & 23  
 County: Montmorency  
 Unit: Atlanta  
 YOE: 2012  
 Acres: 1,774 GIS Calculated  
 Stand Examiner: Jeffrey Major  
 Map Revised: 8/16/2010  
 Map Phase: Pre-Review



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

**Legend**

- Miris Corners
- County Paved Roads
- Paved Roads
- County Gravel Roads
- Poor Dirt Roads
- County Poor Dirt Roads
- Closed Roads
- Trails
- Pipeline
- Powerline
- Intermittent Stream/Drain
- Stream
- Lakes and Rivers
- Berm
- ORV Trails
- ORV Routes
- Snowmobile Trails

**Treatments**

- Clearcut (w/Reserves, Patch/Strip)
- Shelter Wood (w/Reserves)
- Thinning (Crown, Low, Systematic)
- Other Treatment - See Comments

**Forest Stands**

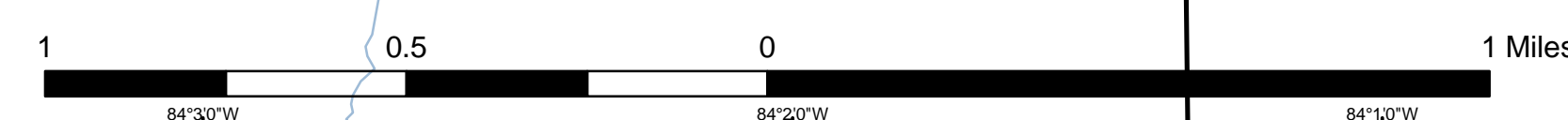
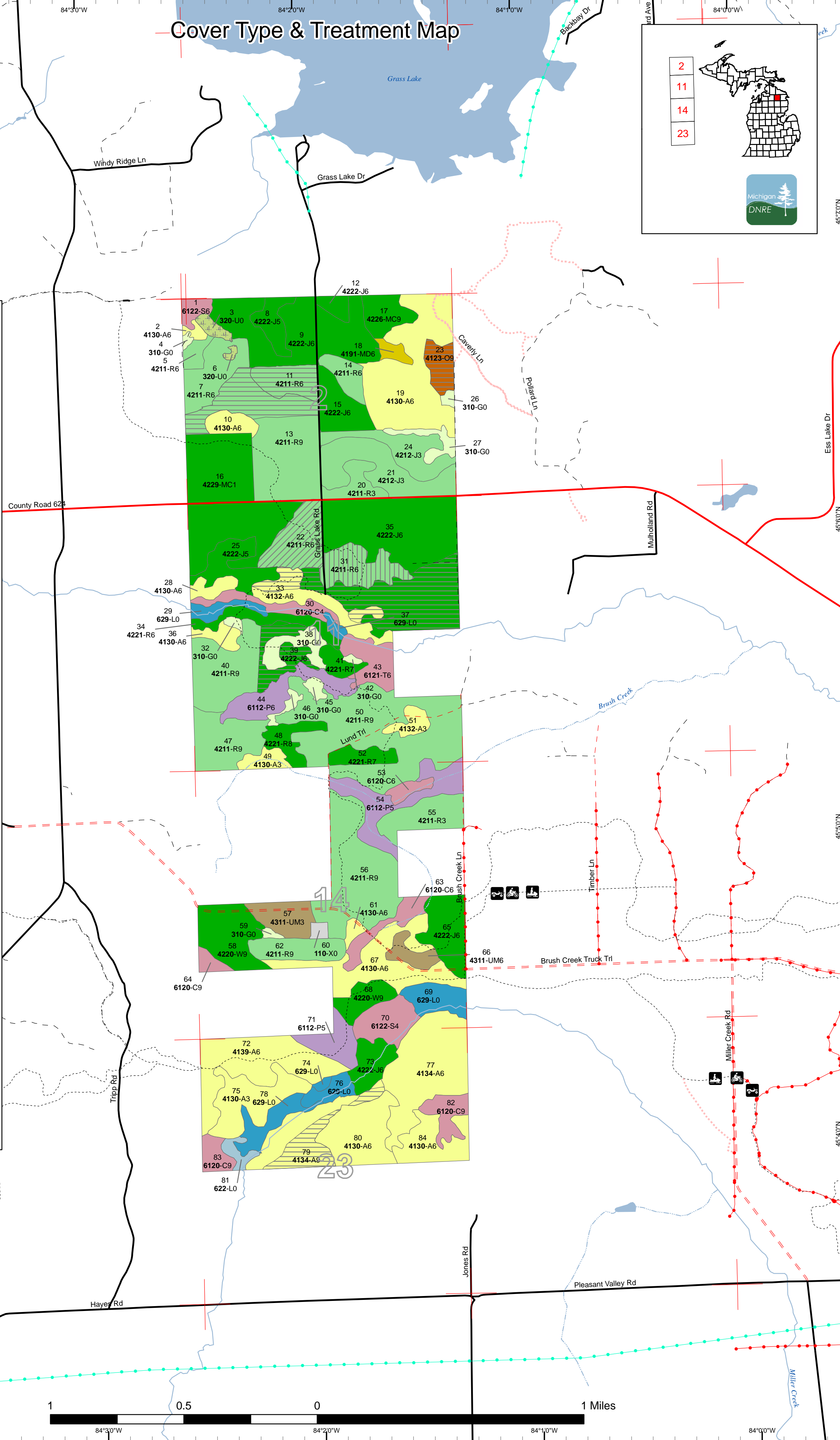
Level 3

- 412 - Oak Types
- 413 - Aspen Types
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 422 - Natural Pines
- 431 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest

**Non-Forest Stands**

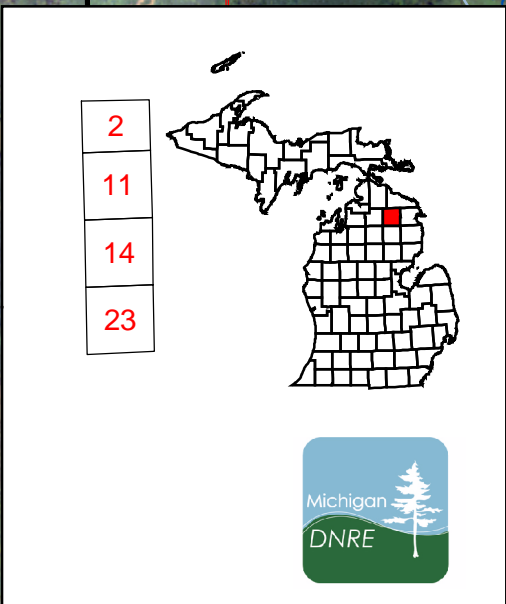
Level 3

- 110 - Low Intensity Urban
- 310 - Herbaceous Openland
- 320 - Upland Shrub
- 622 - Lowland Shrub
- 629 - Mixed non-forested wetland



# Stand Boundary Map

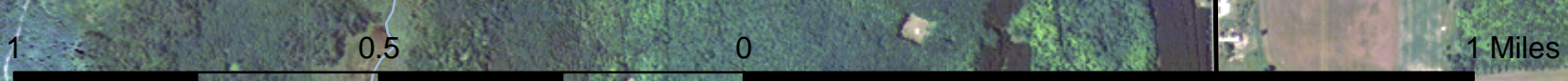
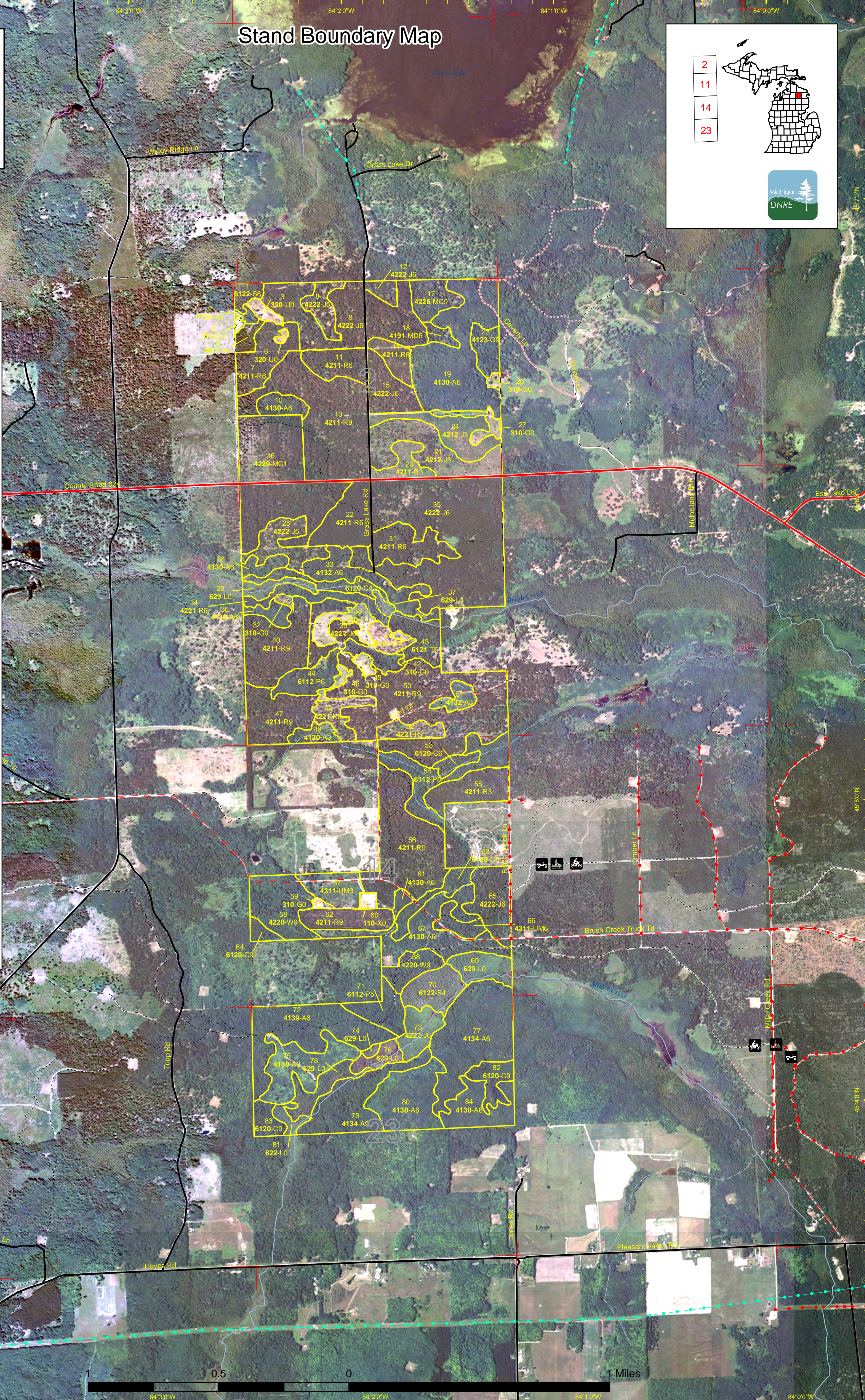
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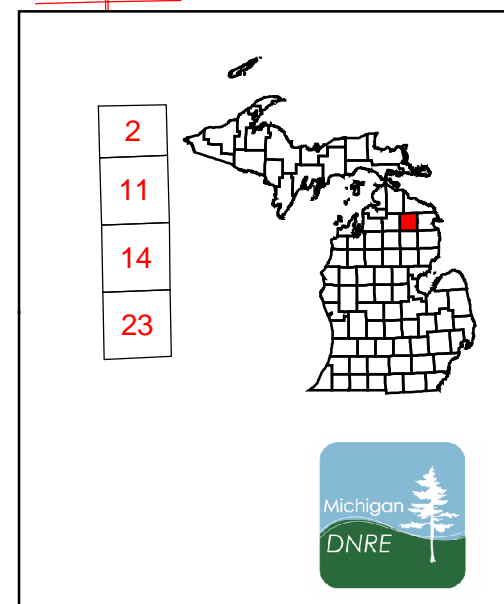
## Legend

- Miris Corners
  - County Paved Roads
  - Paved Roads
  - County Gravel Roads
  - Poor Dirt Roads
  - County Poor Dirt Roads
  - Closed Roads
  - Trails
  - Pipeline
  - Powerline
  - Intermittent Stream/Drain
  - Stream
  - Lakes and Rivers
  - ✕ Berm
  - ORV Trails
  - ORV Routes
  - Snowmobile Trails
  - Stand Boundaries
- Forest Stands**
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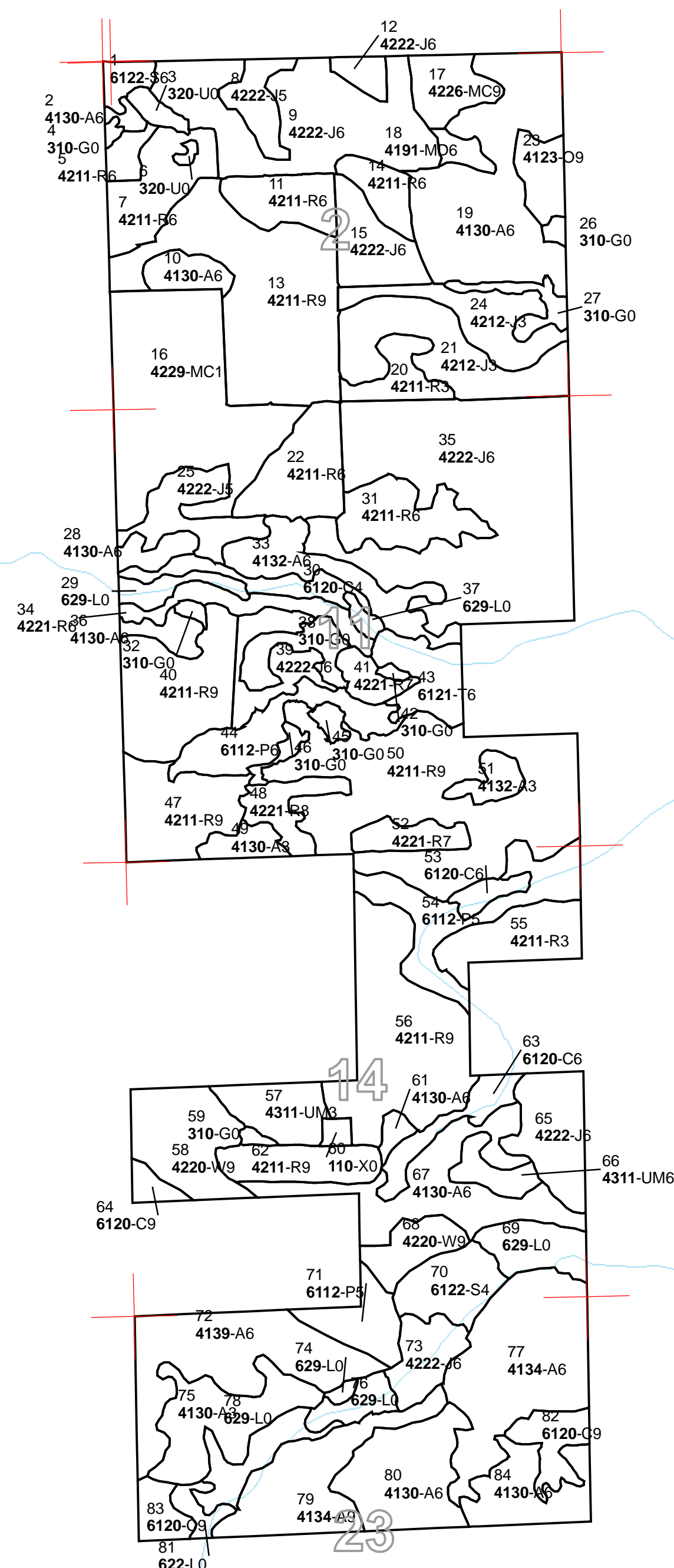
# Dedicated & Proposed Special Conservation Area Map

Compartment 49  
 T31N, R03E, Sec. 2, 11, 14 & 23  
 County: Montmorency  
 Unit: Atlanta  
 YOY: 2012  
 Acres: 1,774 GIS Calculated  
 Stand Examiner: Jeffrey Major  
 Map Revised: 8/16/2010  
 Map Phase: Pre-Review



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

- Legend**
- Miris Corners
  - Dedicated Special Conservation Areas
  - Cold Water Streams
  - Boat Access Sites
  - Stand Boundaries
- Forest Stands**
- Level 3
- 412 - Oak Types
  - 413 - Aspen Types
  - 419 - Mixed Upland Deciduous
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1 0.5 0 1 Miles

84°40'W 84°30'W 84°20'W 84°10'W 84°0'W

45°70'N  
45°60'N  
45°50'N  
45°40'N

45°70'N  
45°60'N  
45°50'N  
45°40'N

**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	39	30	29	267	0	0	26	37	0	0	0	0	0	428
Cedar	0	0	0	0	0	0	0	0	0	20	12	0	22	0	0	55
Herbaceous Openland	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32
Jack Pine	0	39	23	20	52	0	0	155	83	0	0	0	0	0	0	373
Lowland Aspen/Balsam Poplar	0	0	0	0	24	0	31	0	0	15	0	0	0	0	0	71
Lowland Shrub	54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	54
Lowland Spruce/Fir	0	0	0	0	0	0	0	0	0	19	0	6	0	0	0	25
Mixed Upland Deciduous	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	5
Natural Mixed Pines	0	86	0	0	0	0	0	0	15	0	0	0	0	0	0	100
Oak	0	0	0	0	0	0	0	0	0	11	0	0	0	0	0	11
Red Pine	0	0	12	63	0	0	45	0	177	202	0	0	0	0	27	526
Tamarack	0	0	0	0	0	0	0	0	0	0	17	0	0	0	0	17
Upland Mixed Forest	0	0	17	0	0	9	0	0	0	0	0	0	0	0	0	25
Upland Shrub	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Urban	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
White Pine	0	0	0	0	0	0	0	0	0	0	0	0	44	0	0	44
<b>Total</b>	<b>94</b>	<b>125</b>	<b>91</b>	<b>113</b>	<b>105</b>	<b>281</b>	<b>76</b>	<b>155</b>	<b>300</b>	<b>305</b>	<b>30</b>	<b>6</b>	<b>66</b>	<b>0</b>	<b>27</b>	<b>1774</b>



## Table 2 – Proposed Treatment Summaries

Data updated before 2:00 PM

Atlanta Mgt. Unit  
Year of Entry 2012

Compartment 049  
Total Compartment Acres: 1774

### Acres by Treatment Type

Commercial Harvest - 211	Site Prep - 0	Tree Planting - 0	Prescribed Burn - 0	Other - 0
Habitat Cut - 0	Opening Maintenance - 5	Tree Seeding - 0	Pesticide - 0	

### Cover Type by Harvest Method

	Clearcut	Selection	Seed Tree	Shelterwood	Thinning	Other - Specify	Total Acres
Aspen	29	0	0	0	0	0	29
Jack Pine	73	0	0	0	0	0	73
Oak	11	0	0	0	0	0	11
Red Pine	48	0	0	24	26	0	98
<b>Total</b>	<b>161</b>	<b>0</b>	<b>0</b>	<b>24</b>	<b>26</b>	<b>0</b>	<b>211</b>





Data updated before 2:00 PM

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Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
11 54049011-Cut	17.1	42110 - Planted Red Pine	High Density Pole	80	Harvest	Clearcut	Planted Red Pine	Cmpt. Review Proposal

Prescription: Overstory removal to release fully established RP regen. RP regen is both natural and planted. Protect as much advanced regeneration as possible, cut to length systems only.

Other Comments:

Next Steps:

13 54049013-Cut	30.7	42110 - Planted Red Pine	High Density Log	80	Harvest	Clearcut with Reserves	Natural Pine, Mixed Deciduous	Cmpt. Review Proposal
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Prescription: Clearcut. Leave retention area along Grass Lake Rd. Expect natural regeneration of mixed hardwood, and pine.

Specs:

Other Comments: Stand borders CO RD 624 and Grass Lake RD.

Other Comments:

Next Steps: Plant to red pine if natural regen fails.

Next Steps:

22 54049022-Cut	26.4	42110 - Planted Red Pine	High Density Pole	50	Harvest	Systematic Thinning	Planted Red Pine	Cmpt. Review Proposal
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Prescription: Third row thin RP to release residual trees. Rows to be harvested will be marked with yellow paint on both ends. Also harvest any non red pine

Specs: occurring within the rows to be harvested.

Other Comments: Stand borders CO RD 624.

Other Comments:

Next Steps:

Next Steps:

23 54049023-Cut	11.2	4123 - Red Oak	High Density Log	85	Harvest	Clearcut	Mixed Upland Deciduous with Conifer	Cmpt. Review Proposal
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Prescription: Clearcut to regenerate oak and release advanced regeneration. No retention due to stand size and frequency of oak occurrence in adjacent

Specs: stands. Expect natural regeneration.

Other Comments:

Other Comments:

Next Steps:

Next Steps:

31 54049031-Cut	23.6	42110 - Planted Red Pine	High Density Pole	80	Harvest	Shelterwood	Mixed Upland Deciduous with Conifer	Cmpt. Review Proposal
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Prescription: Shelterwood. Leave 20-40 BA of mature healthy crowned oak and or pine. Expect natural regeneration.

Specs:

Other Comments: Sign on site gives planting history. Students and teachers from Detroit, 1930.

Other Comments:

Next Steps:

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Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
33 54049033-Cut	9.8	4132 - Aspen, Jack Pine	High Density Pole	79	Harvest	Clearcut with Reserves	Aspen, Jack Pine	Cmpt. Review Proposal

Prescription: Clearcut with reserves. Leave retention along southern edge of stand, Brush Creek. Also leave 1-3 oak per acre where present. Use 100 m buffer on Brush Creek.

Other Comments: Buffer, Brush Creek to South of Stand. Popular illegal local campsite/firepit in center of stand. ORV Trail runs through N part of stand.

Next Steps: Assess regeneration per work instructions. Acceptable regeneration is aspen, maple, mixed conifer, or oak.

35 54049035-Cut	58.0	42220 - Natural Jack Pine	High Density Pole	68	Harvest	Clearcut	Natural Pine, Mixed Deciduous	Cmpt. Review Proposal
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Prescription: Clearcut to regenerate stand. Expect some natural oak and aspen regeneration. No retention needed as whole stand is not being harvested. Leave 100 m buffer on Brush Creek.

Other Comments:

Next Steps: Evaluate natural regeneration, plant jack pine in areas with poor or no regeneration.

39 54049039-Cut	15.4	42220 - Natural Jack Pine	High Density Pole	70	Harvest	Clearcut with Reserves	Natural Pine, Mixed Deciduous	Cmpt. Review Proposal
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Prescription: Clearcut. No retention due to size of stand, and amount of adjacent stands with similar species. Use 100 m buffer on Brush Creek.

Other Comments:

Next Steps: Evaluate regen and plant to jack pine if regen fails.

3 NF_54049003-NonFor	4.2	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 wildlife

Other Comments:

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

6 NF_54049006-NonFor	1.1	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

Other Comments:

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

**Total Treatment Acreage Proposed: 197.7**



Stand	Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
79	54049079-Cut	18.7	4134 - Aspen, Spruce/Fir	High Density Log	80	Harvest	Clearcut with Reserves	Aspen, Mixed Deciduous	Cmpt. Review Proposal

Prescription Specs: Clearcut with retention. Leave retention along NW edge. Expect natural aspen and mixed hardwood regeneration. Use 100 m buffer on Miller Creek.

Other Comment: Stand is poorly drained along NW edge. Cut to regenerate if we can get access.

Next Steps:

Limiting Factor and No Treatment Reason 2D: Road needed  
Possible access thru private from the south.

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**Total Treatment  
Acreage Proposed: 18.7**

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

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## Atlanta Mgt. Unit

## 5 – Forested Stands

Compartment: 049  
Year of Entry: 2012

Data updated before 2:00 PM

	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
1	6122 - Black Spruce	High Density Pole	5.7	100		old deer blind west of wildlife opening.
2	4130 - Aspen	High Density Pole	2.3	33		
5	42110 - Planted Red Pine	High Density Pole	5.4	27		
7	42110 - Planted Red Pine	High Density Pole	24.2	27		
8	42220 - Natural Jack Pine	Medium Density Pole	11.8	36		New stand added.
9	42220 - Natural Jack Pine	High Density Pole	66.5	72	81-110	
10	4130 - Aspen	High Density Pole	9.2	36		
11	42110 - Planted Red Pine	High Density Pole	17.1	Uneven Age	81-110	
12	42220 - Natural Jack Pine	High Density Pole	5.5	36	81-110	
13	42110 - Planted Red Pine	High Density Log	81.3	80	141-170	orv trail thru stand
14	42110 - Planted Red Pine	High Density Pole	10.6	27		
15	42220 - Natural Jack Pine	High Density Pole	19.9	36		
16	42290 - Natural Mixed Pine	Low Density Sapling	85.8	1		Orv trail in northern half of stand.
17	42260 - Natural Pine, Mixed Deciduous	High Density Log	14.5	78	51-80	
18	4191 - Mixed Upland Deciduous with Conifer	High Density Pole	4.6	40		New stand added.
19	4130 - Aspen	High Density Pole	72.2	40		
20	42111 - Planted Red Pine, Mixed Deciduous	High Density Sapling	12.3	16		
21	42121 - Planted Jack Pine, Mixed Deciduous	High Density Sapling	39.3	4		

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## Atlanta Mgt. Unit

## 5 – Forested Stands

Compartment: 049

Data updated before 2:00 PM

Year of Entry: 2012



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
22	42110 - Planted Red Pine	High Density Pole	26.4	50	171-200	
23	4123 - Red Oak	High Density Log	11.2	85	81-110	New stand added.
24	42121 - Planted Jack Pine, Mixed Deciduous	High Density Sapling	23.3	16		
25	42220 - Natural Jack Pine	Medium Density Pole	20.0	28		
28	4130 - Aspen	High Density Pole	6.5	27		
30	6120 - Lowland Cedar	Low Density Pole	12.1	94		
31	42110 - Planted Red Pine	High Density Pole	23.6	80	111-140	Sign on site gives planting history. Students and teachers from Detroit, 1930.
33	4132 - Aspen, Jack Pine	High Density Pole	26.0	79		overmature aspen that should be regenerated.
34	42210 - Natural Red Pine	High Density Pole	14.0	87		ORV Trail through stand. Stand borders Brush Cr. to the south.
35	42220 - Natural Jack Pine	High Density Pole	130.4	68	111-140	
36	4130 - Aspen	High Density Pole	6.6	36		
39	42220 - Natural Jack Pine	High Density Pole	16.0	70	81-110	
40	42110 - Planted Red Pine	High Density Log	39.8	88		Stand is currently set up as a part of the RPP.
41	42210 - Natural Red Pine	Low Density Log	7.4	74		
43	6121 - Tamarack	High Density Pole	17.5	94		
44	6112 - Lowland Aspen	High Density Pole	24.2	36		
47	42110 - Planted Red Pine	High Density Log	30.5	88		Stand is currently set up as part of the RPP.
48	42210 - Natural Red Pine	Medium Density Log	12.3	88	1-50	

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## Atlanta Mgt. Unit

## 5 – Forested Stands

Compartment: 049

Data updated before 2:00 PM

Year of Entry: 2012



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
49	4130 - Aspen	High Density Sapling	7.3	36		New stand added.
50	42110 - Planted Red Pine	High Density Log	104.4	77		Stand is set up as part of the RPP.
51	4132 - Aspen, Jack Pine	High Density Sapling	7.3	16		
52	42210 - Natural Red Pine	Low Density Log	9.8	Uneven Age	1-50	
53	6120 - Lowland Cedar	High Density Pole	5.4	111		
54	6112 - Lowland Aspen	Medium Density Pole	31.2	57		small stream through center of stand, little left to harvest when buffered. great wildlife corridor, and thermal cover from cedar. don't cut.
55	42110 - Planted Red Pine	High Density Sapling	22.6	21		RP plantation, with lots of JP volunteers.
56	42110 - Planted Red Pine	High Density Log	65.5	77	81-110	Can harvest, see distribution of current RPP sales in area and then make decision. Stand is healthy and could wait till next entry.
57	4311 - Pine, Aspen Mix	High Density Sapling	16.7	18		
58	42200 - Natural White Pine	High Density Log	30.5	112	141-170	Harvest to release white pine understory. Leave combination of 1-3 large crowned red oak and white pine per acre for wildlife.
61	4130 - Aspen	High Density Pole	3.2	34		less than 5 acres, but conifer on all sides.
62	42110 - Planted Red Pine	High Density Log	18.3	50	111-140	Stand was thinned in the past 3 years.
63	6120 - Lowland Cedar	High Density Pole	12.3	110		
64	6120 - Lowland Cedar	High Density Log	4.4	112		New stand added.
65	42220 - Natural Jack Pine	High Density Pole	24.9	60	81-110	
66	4311 - Pine, Aspen Mix	High Density Pole	8.7	40		
67	4130 - Aspen	High Density Pole	44.0	40		

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Atlanta Mgt. Unit

## 5 – Forested Stands

Compartment: 049

Data updated before 2:00 PM

Year of Entry: 2012



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
68	42200 - Natural White Pine	High Density Log	13.1	110		New stand added.
70	6122 - Black Spruce	Low Density Pole	19.3	86		
71	6112 - Lowland Aspen	Medium Density Pole	15.2	85		New stand added.
72	4139 - Aspen, Mixed Deciduous	High Density Pole	52.8	42		New stand added.
73	42220 - Natural Jack Pine	High Density Pole	15.1	36		
75	4130 - Aspen	High Density Sapling	31.9	17		
77	4134 - Aspen, Spruce/Fir	High Density Pole	62.7	40		
79	4134 - Aspen, Spruce/Fir	High Density Log	37.2	80		New stand added.
80	4130 - Aspen	High Density Pole	35.6	40		
82	6120 - Lowland Cedar	High Density Log	12.2	82		
83	6120 - Lowland Cedar	High Density Log	8.1	82		New stand added.
84	4130 - Aspen	High Density Pole	23.3	25		





Stand	Cover Type	Acres	Gen Cmts:
3	320 - Upland Shrub	4.2	
4	310 - Herbaceous Openland	1.1	
6	320 - Upland Shrub	1.1	
26	310 - Herbaceous Openland	1.7	
27	310 - Herbaceous Openland	7.3	
29	629 - Mixed non-forested wetland	7.3	
32	310 - Herbaceous Openland	1.6	
37	629 - Mixed non-forested wetland	2.7	
38	310 - Herbaceous Openland	12.1	
42	310 - Herbaceous Openland	1.1	
45	310 - Herbaceous Openland	3.0	
46	310 - Herbaceous Openland	3.1	
59	310 - Herbaceous Openland	1.4	
60	11 - Low Intensity Urban	2.5	
69	629 - Mixed non-forested wetland	15.3	
74	629 - Mixed non-forested wetland	1.5	
76	629 - Mixed non-forested wetland	8.3	
78	629 - Mixed non-forested wetland	14.1	



Stand	Cover Type	Acres	Gen Cmts:
81	622 - Lowland Shrub	5.1	



**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
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.