



# COMPARTMENT REVIEW PRESENTATION

## *GAYLORD FOREST MANAGEMENT UNIT*

### COMPARTMENT: 211

**ENTRY YEAR:** 2014  
**ACREAGE:** 1,732  
**COUNTY:** Cheboygan

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**Revision Date:** 03/08/2011

**Stand Examiner:** Paul Roell

**Legal Description:** T34N-R1E Sections 4, 6, 7, 9, 15, 16, 17, & 18

**Management Goals:** To provide for the protection, integrated management and responsible use of a healthy, productive, and undiminished forest resource base for the social, recreational, environmental, and economic benefit of the State of Michigan.

**Soil and Topography:** Most of the high ground in this compartment contains well-drained sand. These flat to gently rolling areas are dominated by soils of the Croswell and Rubicon Series. The remainder of the compartment is primarily lowland swamp with very poorly drained organic soils of the Tawas Series

**Ownership Patterns, Development, and Land Use in and Around the Compartment:** This compartment is surrounded by mixed private ownership and other state ownership including the PRC to the south. Most of the private land is year around residences heavily influenced by agriculture. There is a substantial amount of ORV, snowmobile use which appears to be related to hunting.

Section four of the compartment is prone to illegal trash and brush dumping because of its proximity to Tower.

**Unique, Natural Features:** There are records of nesting northern goshawk and red-shouldered hawk within this compartment and in the adjacent private property. There are records of an eagle to the east of section 9. There is potential for rare snails, wood turtles and several plants. Which are calypso bulbosa, round leaved orchid, limestone oak fern, and the Cypripedium arietinum in the cedar and q types.

**Archeological, Historical, and Cultural Features:** None known.

**Special Management Designations or Considerations:** Stand 18 is limited factored as potential old growth.

**Watershed and Fisheries Considerations:** This area is heavily influenced by water. Several creeks (Lyons, Welch and Milligan) and their associated tributaries flow through this compartment and the surrounding private land.

**Wildlife Habitat Considerations:** This compartment consists of a mixture of upland and lowland types. The lowland areas support a variety of species including black bear, white-tailed deer, furbearers, and various amphibians. The upland area consists of a mix of aspen, hardwoods, and red and white pine. A number of aspen stands will be treated within this compartment to provide early successional habitat that will benefit white-tailed deer, wild turkey, grouse, woodcock, and various songbirds.

**Mineral Resource and Development Concerns and/or Restrictions:** Sections 1-18, T34N-R1E, Cheboygan County. Surface sediments consist of coarse-textured glacial till to the north and minor dune sand. The glacial drift thickness varies between 0 and 100 feet, thickening to the west. The Devonian Traverse Group subcrops below the glacial drift and is quarried for cement and stone elsewhere in the State. Gravel pits are located one mile to the west, and there should be potential. The nearest oil and gas production, the Guelph (former Niagaran) Reef Trend, is located 4 miles to the south.

The Compartment is leased for the Collingwood/Utica Shale Formations exploration.

**Vehicle Access:** Access is good throughout the compartment.

**Survey Needs:** None at this time.

**Recreational Facilities and Opportunities:** Hunting is the primary use of the compartment with a small portion of the Cheboygan to Hawks trail in section four.

**Fire Protection:** No significant fire concerns in most of the compartment. Section four has more pine cover type with increased fire potential.

**Additional Compartment Information:**

- **The following 3 reports from the IFMAP Inventory System are attached:**
  - ◆ **Cover Type by Age Class**
  - ◆ **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 and current SCA's**

# Cover Type & Treatment Map

Compartment: 211  
 T34N R01E 4, 6, 7, 9, 15 - 18  
 County: Cheboygan  
 Unit: Gaylord  
 YOE: 2014  
 Acres: 1,732 GIS Calculated  
 Examiner: Paul Roell  
 Map Revised: 05/16/2012  
 Map Phase: Pre-Review

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

6	4
7	9
18	17 16 15

N

### Legend

- Miris Corners
- Remonumented Section Corners
- Pipe
- Power
- Corners
- Highway
- County Paved Roads
- Paved Roads
- County Gravel Roads
- Gravel Roads
- Poor Dirt Roads
- County Poor Dirt Roads
- Trail (Non-Recreation)
- Closed Roads
- Motorcycle (DNR Sticker)
- Motorcycle (SOS License)
- ORV Trail
- ORV Route
- Snowmobile Trail
- MCCCT Trail
- Stream
- Intermittent Stream
- Lakes and Rivers

### Treatments

- Clearcut (w/Reserves, Patch/Strip)
- Thinning (Crown, Low, Systematic)
- Selection (Group, Single Tree)

### Forest Stands

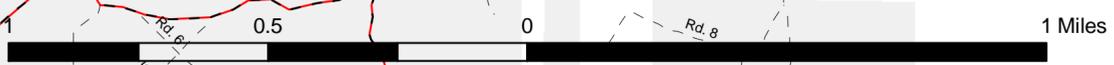
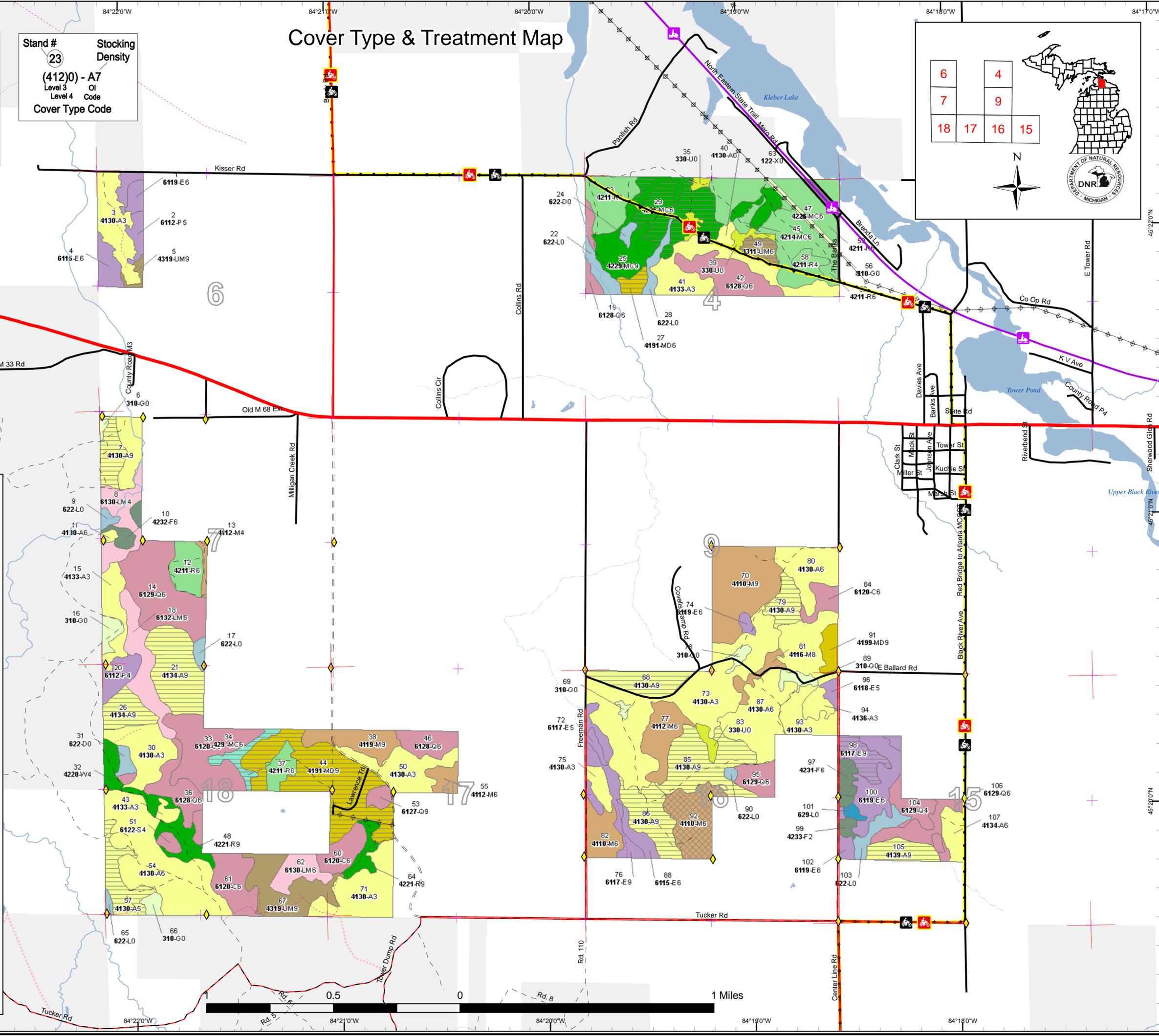
Level 3

- 411 - Northern Hardwood
- 413 - Aspen Types
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 422 - Natural Pines
- 423 - Other Upland Conifers
- 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

- 122 - Road/Parking Lot
- 310 - Herbaceous Openland
- 330 - Low-Density Trees
- 622 - Lowland Shrub
- 629 - Mixed non-forested wetland
- State Forest Land



# Stand Boundary Map

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- Miris Corners
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- ORV Route
- Snowmobile Trail
- MCCCT Trail
- Stream
- Intermittent Stream
- Stand Boundaries

### Forest Stands

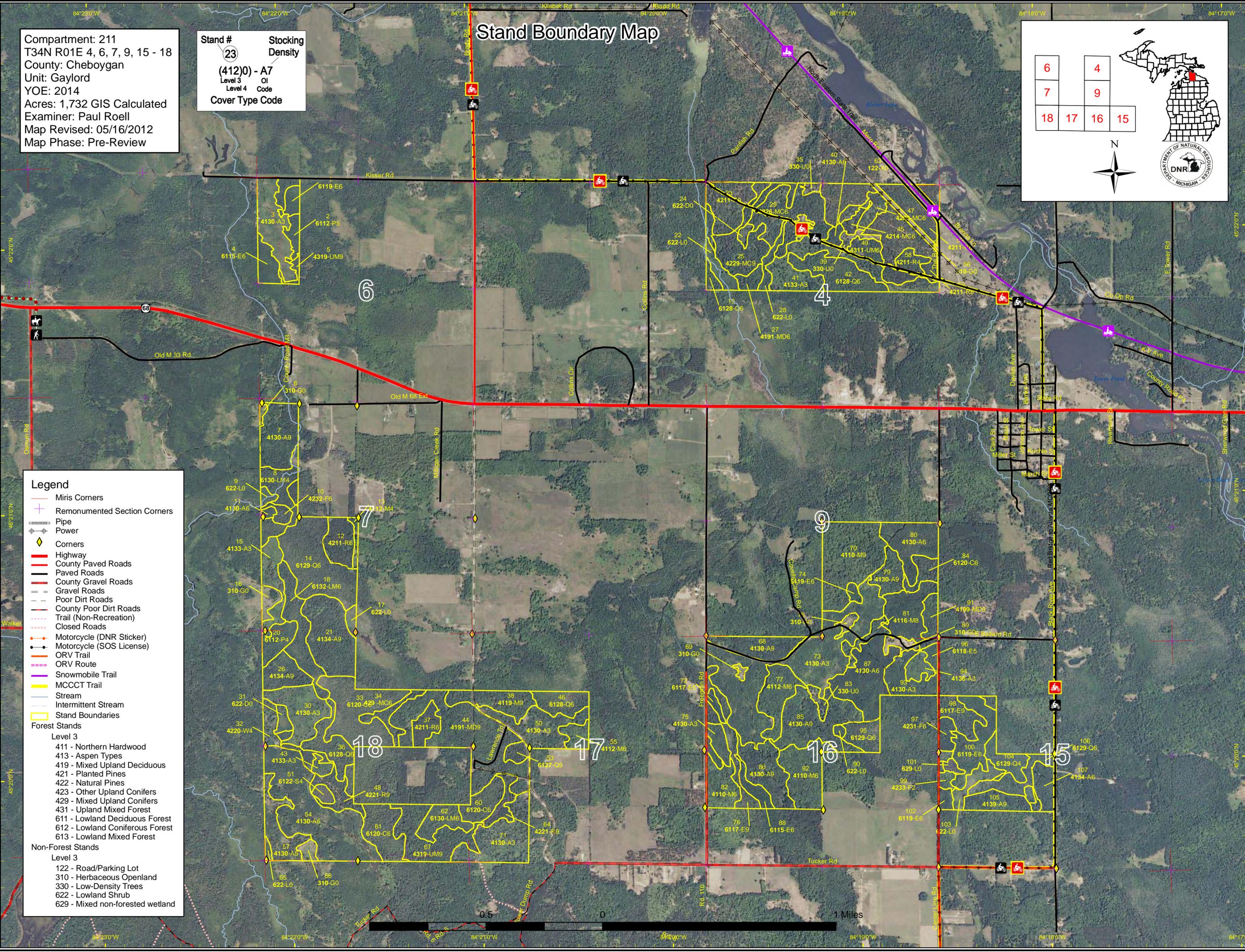
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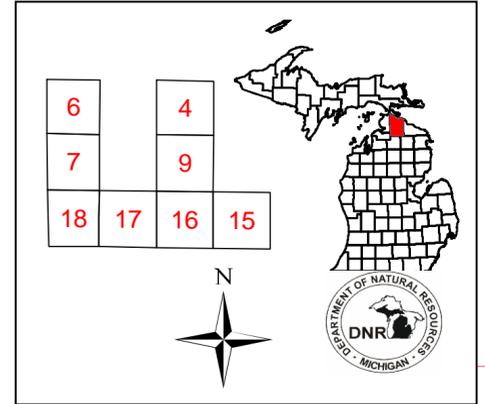
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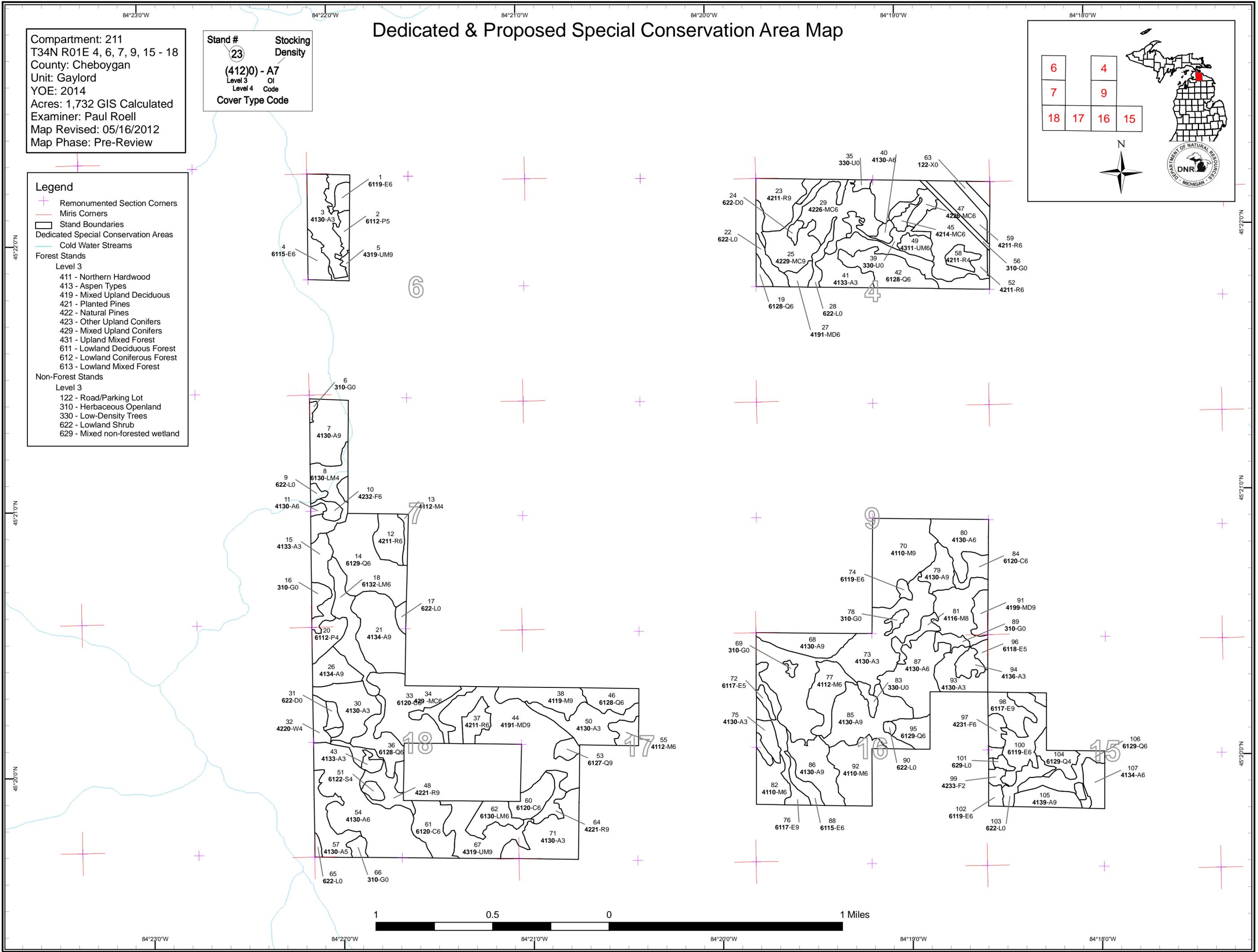
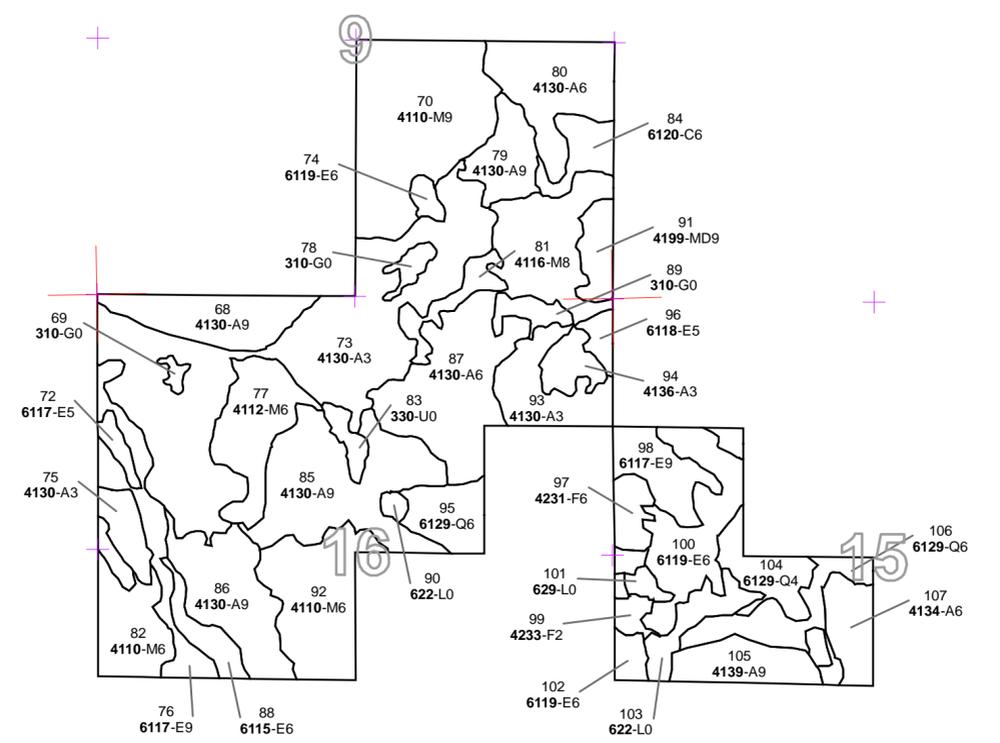
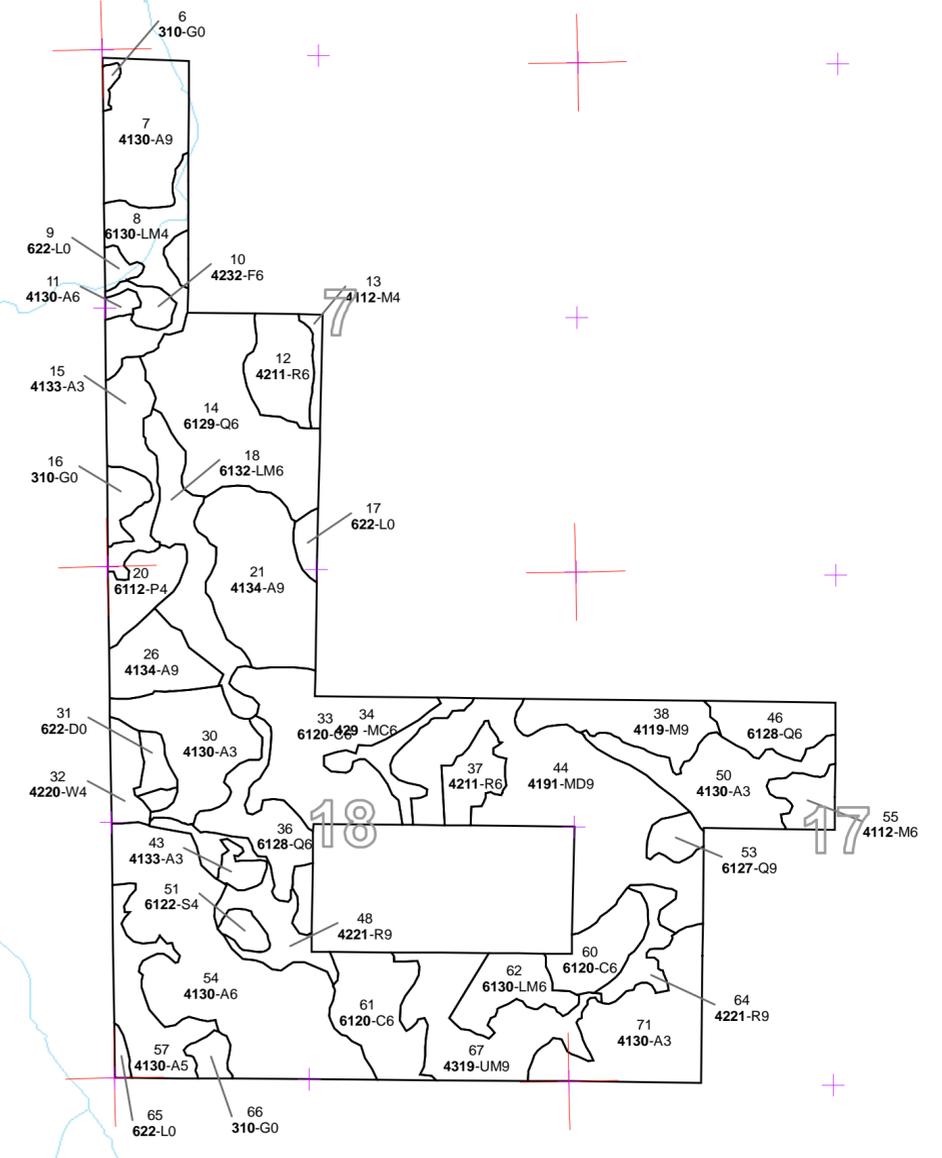
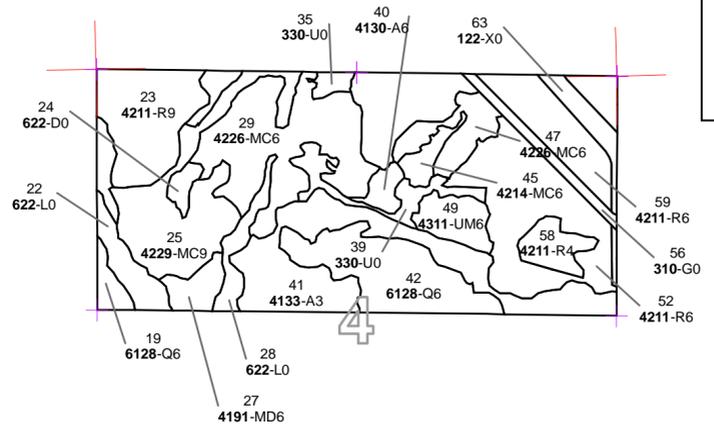
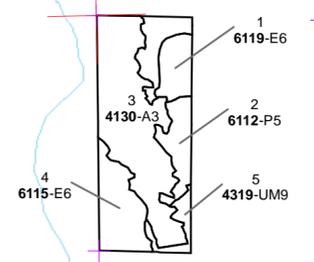
# Dedicated & Proposed Special Conservation Area Map

Compartment: 211  
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- Legend**
- + Remonumented Section Corners
  - Miris Corners
  - Stand Boundaries
  - ▭ Dedicated Special Conservation Areas
  - Cold Water Streams
  - Forest Stands
  - Level 3
    - 411 - Northern Hardwood
    - 413 - Aspen Types
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**Table 1 – Total Acres by Cover Type and Age Class**



	Age Class														Total
	0-9	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	274	23	99	14	62	0	34	144	33	0	0	0	0	0	683
Cedar	0	0	0	0	0	0	0	0	0	8	0	35	46	0	90
Herbaceous Openland	24	0	0	0	0	0	0	0	0	0	0	0	0	0	24
Low-Density Trees	14	0	0	0	0	0	0	0	0	0	0	0	0	0	14
Lowland Aspen/Balsam Poplar	0	0	0	0	0	0	11	10	0	0	0	0	0	0	21
Lowland Conifers	0	0	0	0	0	7	0	0	0	0	78	44	26	5	159
Lowland Deciduous	0	0	0	0	0	9	0	47	13	25	0	0	0	0	93
Lowland Mixed Forest	0	0	0	13	0	0	0	20	0	0	0	25	0	0	58
Lowland Shrub	33	0	0	0	0	0	0	0	0	0	0	0	0	0	33
Lowland Spruce/Fir	0	0	0	0	0	0	4	0	0	0	0	0	0	0	4
Mixed Upland Deciduous	0	0	0	0	0	0	0	5	8	72	0	0	0	0	84
Natural Mixed Pines	0	0	0	0	10	0	0	0	39	0	0	0	28	0	77
Northern Hardwood	0	0	0	0	0	0	0	10	124	19	0	0	0	0	154
Planted Mixed Pines	0	0	0	0	0	0	4	0	0	0	0	0	0	0	4
Red Pine	0	0	0	0	0	25	97	0	17	8	0	0	0	0	146
Treed Bog	6	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Upland Conifers	0	0	0	0	0	0	8	0	0	0	0	0	0	0	8
Upland Mixed Forest	0	0	0	0	0	0	8	34	0	0	0	0	0	0	41
Upland Spruce/Fir	0	5	0	0	0	6	0	0	6	0	0	0	0	0	17
Urban	6	0	0	0	0	0	0	0	0	0	0	0	0	0	6
White Pine	0	0	0	0	8	0	0	0	0	0	0	0	0	0	8
<b>Total</b>	<b>357</b>	<b>28</b>	<b>99</b>	<b>27</b>	<b>80</b>	<b>47</b>	<b>166</b>	<b>270</b>	<b>240</b>	<b>132</b>	<b>78</b>	<b>104</b>	<b>100</b>	<b>5</b>	<b>1732</b>



## Table 2 – Proposed Treatment Summaries

**Gaylord Mgt. Unit**  
**Year of Entry 2014**

**Compartment 211**  
**Total Compartment Acres: 1732**

### Acres by Treatment Type

Commercial Harvest - 316	Site Prep - 0	Tree Planting - 0	Prescribed Burn - 0	Other - 0
Habitat Cut - 62	Opening Maintenance - 0	Tree Seeding - 0	Pesticide - 0	

### Cover Type by Harvest Method

	Clearcut	Selection	Seed Tree	Shelterwood	Thinning	Other - Specify	Total Acres
<b>Aspen</b>	197	0	0	0	0	0	197
<b>Lowland Deciduous</b>	13	0	0	0	0	0	13
<b>Mixed Upland Deciduous</b>	77	0	0	0	0	0	77
<b>Natural Mixed Pines</b>	39	0	0	0	0	0	39
<b>Northern Hardwood</b>	0	29	0	0	0	0	29
<b>Upland Conifers</b>	8	0	0	0	0	0	8
<b>Upland Mixed Forest</b>	8	0	0	0	0	0	8
<b>Upland Spruce/Fir</b>	0	0	0	0	6	0	6
<b>Total</b>	<b>343</b>	<b>29</b>	<b>0</b>	<b>0</b>	<b>6</b>	<b>0</b>	<b>378</b>



Stand	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
7	52211007-Cut	13.4	4130 - Aspen	High Density Log	76	81-110	Harvest	Clearcut with Reserves	4130 - Aspen	Cmpt. Review Proposal
<p><u>Prescription</u> Clear cut all trees 2 inch and greater in diameter. Leave tree mark pines. 300 foot buffer on milligan for my retention</p> <p><u>Specs:</u></p> <p><u>Other</u> No MNFI occurrences at time of inventory.</p> <p><u>Comments:</u> Acceptable regeneration is a variation of the current overstory species.</p> <p><u>Next Steps:</u></p> <p><u>Proposed Start Date:</u> 10/01/2013</p>										
21	52211021-Cut	38.4	4134 - Aspen, Spruce/Fir	High Density Log	71	81-110	Harvest	Clearcut with Reserves	4134 - Aspen, Spruce/Fir	Cmpt. Review Proposal
<p><u>Prescription</u> Clear cut all trees 2 inch and greater in diameter. Leave all white Pine, red pine, cedar and hemlock. Place retention in the south east corner of the stand along the private line and the old beaver pond.</p> <p><u>Specs:</u></p> <p><u>Other</u> Could be harvested in a dry summer only summer issue is access. Possible old woods road half way done west boundary</p> <p><u>Comments:</u> Access to this stand is from the west choosing the shortest distance to cross the Q type, approximately 450 to 500 feet. Winter cut to freeze a road or build a road through the Q type by laying down trees, tops and brush. Cover it with geotec fabric and gravel the road ten to twelve inches thick. There wasn't drainage with a defined bed and bank crossing the Q type. Spend some time laying out the best access through the Q type, ribbon it or paint it, so the producer knows where and what to expect when buying the sale. Identify some borrow pit options in the sale prospectus. Sell with 26 and make this unit be cut first.</p> <p>No MNFI occurrences.</p> <p>Acceptable regeneration is a variation of the current overstory species.</p> <p><u>Next Steps:</u></p> <p><u>Proposed Start Date:</u> 10/01/2013</p>										
26	52211026-Cut	15.0	4134 - Aspen, Spruce/Fir	High Density Log	63	81-110	Harvest	Clearcut with Reserves	4134 - Aspen, Spruce/Fir	Cmpt. Review Proposal
<p><u>Prescription</u> Clear cut all trees 2 inch and greater in diameter. Place a small retention pocket along the road.</p> <p><u>Specs:</u></p> <p><u>Other</u> There weren't any MNFI occurrences at time of inventory or any info on the SCAs, HCVAs, and ERAs layer.</p> <p><u>Comments:</u> Acceptable regeneration is a variation of the current overstory species.</p> <p><u>Next Steps:</u></p> <p><u>Proposed Start Date:</u> 10/01/2013</p>										
27	52211027-Cut	5.3	4191 - Mixed Upland Deciduous with Conifer	High Density Pole	77	81-110	Harvest	Clearcut	4191 - Mixed Upland Deciduous with Conifer	Cmpt. Review Proposal
<p><u>Prescription</u> Clear cut all trees 2 inch and greater in diameter leave all red and white pine.</p> <p><u>Specs:</u></p> <p>No retention</p> <p><u>Other</u> There weren't any MNFI occurrences at time of inventory or any info on the SCAs, HCVAs, and ERAs layer.</p> <p><u>Comments:</u> Acceptable regeneration is a variation of the current overstory species.</p> <p><u>Next Steps:</u></p> <p><u>Proposed Start Date:</u> 10/01/2013</p>										



Stand	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
29	52211029-Cut	39.5	42260 - Natural Pine, Mixed Deciduous	High Density Pole	87	51-80	Harvest	Clearcut with Reserves	42260 - Natural Pine, Mixed Deciduous	Cmpt. Review Proposal
<p><u>Prescription Specs:</u> Clear cut all trees 2 inch and greater in diameter, leave all oak, leave tree mark one to three red and white pine per acre for retention with a 3% island aslo. Require whole tree skidding to promote pine regeneration.</p> <p><u>Other Comments:</u> There weren't any MNFI occurrences at time of inventory or any info on the SCAs, HCVAs, and ERAs layer. Acceptable regeneration is a variation of the current overstory species stocking at 50-75% canopy is acceptable for this stand.</p> <p><u>Next Steps:</u></p> <p><u>Proposed Start Date:</u> 10/01/2013</p>										
34	52211034-Cut	8.4	429 - Mixed Upland Conifers	High Density Pole	62	51-80	Harvest	Clearcut with Reserves	429 - Mixed Upland Conifers	Cmpt. Review Proposal
<p><u>Prescription Specs:</u> Clear cut all trees 2in.+ dia except white pine. Chip all tops whole tree skid. Treat with stand 44 mix a retention island along the north line between the two stands</p> <p><u>Other Comments:</u> No MNFI occurrences showed up in IFMAP layers. Acceptable regeneration is a variation of the current overstory species.</p> <p><u>Next Steps:</u></p> <p><u>Proposed Start Date:</u> 10/01/2013</p>										
44	52211044-Cut	71.6	4191 - Mixed Upland Deciduous with Conifer	High Density Log	95	81-110	Harvest	Clearcut with Reserves	4191 - Mixed Upland Deciduous with Conifer	Cmpt. Review Proposal
<p><u>Prescription Specs:</u> Clear cut all trees 2 inch and greater in diameter. Leave tree mark oaks and pines in groups of 2-3 trees per acre, leave all cedar and hemlock. Whole tree skid. Treat with stand 34 mix a retention island along the north line between the two stands</p> <p><u>Other Comments:</u> No MNFI occurrences at time of inventory. Acceptable regeneration is a variation of the current overstory species.  Did QD. Very mixed stand. Oak scattered throughout. There is a drainage between private and two track, just east of red pine plantation, some cedar and black ash mixed in that area. More aspen than oak south of there. There is less pine and oak around the red plantation between the private ownerships.</p> <p><u>Next Steps:</u></p> <p><u>Proposed Start Date:</u> 10/01/2013</p>										
49	52211049-Cut	7.7	4311 - Pine, Aspen Mix	High Density Pole	69	1-50	Harvest	Clearcut	4311 - Pine, Aspen Mix	Cmpt. Review Proposal
<p><u>Prescription Specs:</u> Clear cut all trees 2 inch and greater in diameter leave tree mark 1-3 red and white pine per acre. Include a raptor nest spec. No Retention.</p> <p><u>Other Comments:</u> There weren't any MNFI occurrences at time of inventory or any info on the SCAs, HCVAs, and ERAs layer. Acceptable regeneration is a variation of the current overstory species.</p> <p><u>Next Steps:</u></p> <p><u>Proposed Start Date:</u> 10/01/2013</p>										



S t a n d	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
57	52211057-Cut	19.2	4130 - Aspen	Medium Density Pole	62	51-80	Harvest	Clearcut with Reserves	4130 - Aspen	Cmpt. Review Proposal
<p><u>Prescription:</u> Clear cut all trees 2 inch and greater in diameter leave all oak. 3% retention.  <u>Specs:</u>  <u>Other:</u> Acceptable regeneration is a variation of the current overstory species.  <u>Comments:</u> There weren't any MNFI occurrences at time of inventory or any info on the SCAs, HCVAs, and ERAs layer.  <u>Next Steps:</u>  <u>Proposed Start Date:</u> 10/01/2013</p>										
68	52211068-Cut	19.5	4130 - Aspen	High Density Log	87	81-110	Harvest	Clearcut with Reserves	4130 - Aspen	Cmpt. Review Proposal
<p><u>Prescription:</u> Clear cut all trees 2 inch and greater in diameter except oak and white pine. 3% area retention along freeman and E Ballard road, west side of stand.  <u>Specs:</u>  <u>Other:</u> No MNFI occurrences at time of inventory.  <u>Comments:</u> Acceptable regeneration is a variation of the current overstory species.  <u>Next Steps:</u>  <u>Proposed Start Date:</u> 10/01/2013</p>										
79	52211079-Cut	12.3	4130 - Aspen	High Density Log	75	81-110	Harvest	Clearcut	4130 - Aspen	Cmpt. Review Proposal
<p><u>Prescription:</u> Clear cut all trees 2 inch and greater in diameter. Leave yellow birch. No retention.  <u>Specs:</u>  <u>Other:</u> No MNFI occurrences at time of inventory.  <u>Comments:</u> Acceptable regeneration is a variation of the current overstory species.  <u>Next Steps:</u>  <u>Proposed Start Date:</u> 10/01/2013</p>										
85	52211085-Cut	40.7	4130 - Aspen	High Density Log	73	111-140	Harvest	Clearcut with Reserves	4130 - Aspen	Cmpt. Review Proposal
<p><u>Prescription:</u> Clear cut all trees 2 inch and greater in diameter leave hemlock and cedar. Cut in a dry summer or winter draining water no defined bed and bank. Place retention south of the two track around non-forested stand 90 and forested stand 95.  <u>Specs:</u>                      READ OFS COMMENT.  <u>Other:</u> Stick nest in stand which has an OFS. No MNFI occurrences at time of inventory  <u>Comments:</u> Acceptable regeneration is a variation of the current overstory species.  <u>Next Steps:</u>  <u>Proposed Start Date:</u> 10/01/2013</p>										



Stand	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
86	52211086-Cut	25.6	4130 - Aspen	High Density Log	73	81-110	Harvest	Clearcut with Reserves	4130 - Aspen	Cmpt. Review Proposal
<u>Prescription</u> Clear cut all trees 2 inch and greater in diameter except white pine. Two small open areas good possible landing locations. Retention along <u>Specs:</u> swamp west of stand.										
<u>Other</u> No MNFI occurrences at time of inventory. <u>Comments:</u> Acceptable regeneration is a variation of the current overstory species.										
<u>Next</u> <u>Steps:</u>										
<u>Proposed</u> <u>Start Date:</u> 10/01/2013										
92	52211092-Cut	29.1	4110 - Sugar Maple Association	High Density Pole	89	111-140	Harvest	Single Tree Selection	4110 - Sugar Maple Association	Cmpt. Review Proposal
<u>Prescription</u> Single tree selection harvest, mark stand to a residual BA of 75 square feet per acre. Leave under represented species for retention. Leave <u>Specs:</u> highest quality smooth barked beech and any, if found, with green lichen on bole of tree (possibly beech scale resistant).										
100 foot canopy gaps one per two acres										
<u>Other</u> No MNFI occurrences at time of inventory. <u>Comments:</u> Acceptable regeneration is a variation of the current overstory species.										
<u>Next</u> <u>Steps:</u>										
<u>Proposed</u> <u>Start Date:</u> 10/01/2013										
97	52211097-Cut	6.2	42310 - Planted Spruce	High Density Pole	50	171-200	Harvest	Systematic Thinning	42310 - Planted Spruce	Cmpt. Review Proposal
<u>Prescription</u> Row thinning, cut two leave three, might have to mark confidence trees in the rows. Bark beetle specs. retention is residual trees <u>Specs:</u>										
<u>Other</u> There are some red pine planted in southern portion of stand. There weren't any MNFI occurrences at time of inventory or any info on the SCAs, <u>Comments:</u> HCVAs, and ERAs layer.										
<u>Next</u> <u>Steps:</u>										
<u>Proposed</u> <u>Start Date:</u> 10/01/2013										
98	52211098-Cut	13.0	6117 - Lowland Deciduous, Mixed Coniferous	High Density Log	73	81-110	Harvest	Clearcut with Reserves	6117 - Lowland Deciduous, Mixed Coniferous	Cmpt. Review Proposal
<u>Prescription</u> Clear cut all trees 2 inch and greater in diameter leave cedar, hemlock, and white pine. Include a raptor nest spec. <u>Specs:</u>										
<u>Other</u> There weren't any MNFI occurrences at time of inventory or any info on the SCAs, HCVAs, and ERAs layer. <u>Comments:</u>										
<u>Next</u> <u>Steps:</u>										
<u>Proposed</u> <u>Start Date:</u> 10/01/2013										
<b>Total Treatment</b> <b>Acres Proposed: 364.6</b>										

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Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
105 52211105-Cut	13.3	4139 - Aspen, Mixed Deciduous	High Density Log	87	111-140	Harvest	Clearcut with Reserves	4139 - Aspen, Mixed Deciduous	Cmpt. Review Proposal

Prescription Clear cut all trees 2 inch and greater in diameter leave cedar, hemlock, and white pine. Include a raptor nest spec. 3% retention island  
Specs:

Other There weren't any MNFI occurrences at time of inventory or any info on the SCAs, HCVAs, and ERAs layer.

Comment: Acceptable regeneration is a variation of the current overstory species.

Next  
Steps:

Proposed  
Start Date: 10/01/2013

Limiting Factor and No 2E: Road needed  
Treatment Reason

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**Total Treatment**  
**Acreage Proposed: 13.3**

Out of YOE -- Treatments  
Prescribed with No Limiting Factor

Year of Entry: 2014



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Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
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Prescription  
Specs:

Other  
Comments:

Next  
Steps:

Proposed  
Start Date: #Error

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**Total Treatment  
Acreage Proposed: 0**

## Gaylord Mgt. Unit

## 5 – Forested Stands

Compartment: 211  
Year of Entry: 2014

Stand	Gaylord Mgt. Unit			5 – Forested Stands		Compartment: 211 Year of Entry: 2014
	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
1	6119 - Mixed Lowland Deciduous Forest	High Density Pole	4.9	79		
2	6112 - Lowland Aspen	Medium Density Pole	10.5	77	51-80	
3	4130 - Aspen	High Density Sapling	25.5	3		few scattered apple trees
4	6115 - Lowland Ash	High Density Pole	9.3	53	81-110	
5	4319 - Mixed Upland Forest	High Density Log	2.4	73	81-110	New stand added.
7	4130 - Aspen	High Density Log	27.0	76	81-110	
8	6130 - Fir, Aspen, Maple	Low Density Pole	20.1	72		
10	42320 - Upland Spruce	High Density Pole	6.3	84		
11	4130 - Aspen	High Density Pole	1.8	29		New stand added.
12	42110 - Planted Red Pine	High Density Pole	15.1	51	141-170	
13	4112 - Maple, Beech, Cherry Association	Low Density Pole	2.9	79	1-50	
14	6129 - Mixed Coniferous Lowland Forest	High Density Pole	49.5	105	200+	
15	4133 - Aspen, Mixed Pine	High Density Sapling	16.2	9		
18	6132 - Mixed Lowland Forest with Cedar	High Density Pole	24.8	110		
19	6128 - Lowland Coniferous, Mixed Deciduous	High Density Pole	6.6	58		New stand added. creek bottom
20	6112 - Lowland Aspen	Low Density Pole	10.9	67		
21	4134 - Aspen, Spruce/Fir	High Density Log	38.4	71	81-110	New stand added.
23	42110 - Planted Red Pine	High Density Log	22.7	62		

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## Gaylord Mgt. Unit

## 5 – Forested Stands

Compartment: 211  
Year of Entry: 2014

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
25	42290 - Natural Mixed Pine	High Density Log	28.1	150	111-140	
26	4134 - Aspen, Spruce/Fir	High Density Log	15.0	63	81-110	
27	4191 - Mixed Upland Deciduous with Conifer	High Density Pole	5.3	77	81-110	New stand added.
29	42260 - Natural Pine, Mixed Deciduous	High Density Pole	39.5	87	51-80	
30	4130 - Aspen	High Density Sapling	25.8	7		
32	42200 - Natural White Pine	Low Density Pole	7.5	48		New stand added.
33	6120 - Lowland Cedar	High Density Pole	46.3	127		
34	429 - Mixed Upland Conifers	High Density Pole	8.4	62	51-80	
36	6128 - Lowland Coniferous, Mixed Deciduous	High Density Pole	18.5	110	111-140	
37	42110 - Planted Red Pine	High Density Pole	9.5	51	141-170	
38	4119 - Mixed Northern Hardwoods	High Density Log	19.4	96	81-110	
40	4130 - Aspen	High Density Pole	3.3	35		New stand added.
41	4133 - Aspen, Mixed Pine	High Density Sapling	36.5	6		
42	6128 - Lowland Coniferous, Mixed Deciduous	High Density Pole	25.7	120		
43	4133 - Aspen, Mixed Pine	High Density Sapling	3.5	7		
44	4191 - Mixed Upland Deciduous with Conifer	High Density Log	71.6	95	81-110	
45	42140 - Planted Mixed Pine	High Density Pole	3.7	62	111-140	
46	6128 - Lowland Coniferous, Mixed Deciduous	High Density Pole	13.7	112		

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## Gaylord Mgt. Unit

## 5 – Forested Stands

Compartment: 211  
Year of Entry: 2014

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
47	42260 - Natural Pine, Mixed Deciduous	High Density Pole	9.6	43		New stand added.
48	42210 - Natural Red Pine	High Density Log	16.6	85	111-140	
49	4311 - Pine, Aspen Mix	High Density Pole	7.7	69	1-50	
50	4130 - Aspen	High Density Sapling	27.1	7		
51	6122 - Black Spruce	Low Density Pole	3.5	69		New stand added.
52	42110 - Planted Red Pine	High Density Pole	49.5	62	141-170	
53	6127 - Lowland Pine	High Density Log	5.0	Uneven Age		
54	4130 - Aspen	High Density Pole	72.2	26		
55	4112 - Maple, Beech, Cherry Association	High Density Pole	7.4	84	81-110	
57	4130 - Aspen	Medium Density Pole	19.2	62	51-80	
58	42110 - Planted Red Pine	Low Density Pole	6.6	63	1-50	
59	42110 - Planted Red Pine	High Density Pole	18.5	62	111-140	
60	6120 - Lowland Cedar	High Density Pole	13.7	113		New stand added.
61	6120 - Lowland Cedar	High Density Pole	21.6	113		
62	6130 - Fir, Aspen, Maple	High Density Pole	13.4	35		
64	42210 - Natural Red Pine	High Density Log	8.0	93	81-110	
67	4319 - Mixed Upland Forest	High Density Log	31.1	77	111-140	
68	4130 - Aspen	High Density Log	19.5	87	81-110	

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## Gaylord Mgt. Unit

## 5 – Forested Stands

Compartment: 211  
Year of Entry: 2014

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
70	4110 - Sugar Maple Association	High Density Log	50.7	83	51-80	
71	4130 - Aspen	High Density Sapling	35.3	7		
72	6117 - Lowland Deciduous, Mixed Coniferous	Medium Density Pole	5.5	72	81-110	
73	4130 - Aspen	High Density Sapling	96.7	7		
74	6119 - Mixed Lowland Deciduous Forest	High Density Pole	2.5	81	51-80	New stand added.
75	4130 - Aspen	High Density Sapling	7.1	7		
76	6117 - Lowland Deciduous, Mixed Coniferous	High Density Log	17.2	76	81-110	
77	4112 - Maple, Beech, Cherry Association	High Density Pole	21.2	89	81-110	
79	4130 - Aspen	High Density Log	12.3	75	81-110	
80	4130 - Aspen	High Density Pole	25.1	29		nice young pole stand
81	4116 - Mixed N. Hardwood - Aspen	Medium Density Log	7.1	73		
82	4110 - Sugar Maple Association	High Density Pole	16.2	83	81-110	
84	6120 - Lowland Cedar	High Density Pole	8.4	93		New stand added.
85	4130 - Aspen	High Density Log	40.7	73	111-140	
86	4130 - Aspen	High Density Log	25.6	73	81-110	
87	4130 - Aspen	High Density Pole	62.4	43		
88	6115 - Lowland Ash	High Density Pole	6.8	84	81-110	
91	4199 - Other Mixed Upland Deciduous	High Density Log	7.5	87	111-140	

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## Gaylord Mgt. Unit

## 5 – Forested Stands

Compartment: 211  
Year of Entry: 2014

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
92	4110 - Sugar Maple Association	High Density Pole	29.1	89	111-140	
93	4130 - Aspen	High Density Sapling	16.6	16		New stand added.
94	4136 - Aspen, Mixed Conifer	High Density Sapling	6.7	16		
95	6129 - Mixed Coniferous Lowland Forest	High Density Pole	11.5	119	81-110	
96	6118 - Lowland Deciduous with Cedar	Medium Density Pole	3.4	85		New stand added.
97	42310 - Planted Spruce	High Density Pole	6.2	50	171-200	
98	6117 - Lowland Deciduous, Mixed Coniferous	High Density Log	14.6	73	81-110	
99	42330 - Upland Fir	Medium Density	4.7	16		
100	6119 - Mixed Lowland Deciduous Forest	High Density Pole	24.8	92	111-140	
102	6119 - Mixed Lowland Deciduous Forest	High Density Pole	4.3	79		
104	6129 - Mixed Coniferous Lowland Forest	Low Density Pole	13.0	109		
105	4139 - Aspen, Mixed Deciduous	High Density Log	13.3	87	111-140	
106	6129 - Mixed Coniferous Lowland Forest	High Density Pole	15.4	109	81-110	New stand added.
107	4134 - Aspen, Spruce/Fir	High Density Pole	10.8	39	111-140	



Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
6	310 - Herbaceous Openland	1.2	No	Unspecified	
9	622 - Lowland Shrub	2.4	No	Unspecified	
16	310 - Herbaceous Openland	5.5	No	Unspecified	one noteable aspen clone
17	622 - Lowland Shrub	3.1	No	Unspecified	
22	622 - Lowland Shrub	7.2	No	Unspecified	
24	6224 - Treed Bog	2.4	No	Unspecified	New stand added.
28	6229 - Mixed lowland shrub	5.7	No	Unspecified	New stand added.
31	6224 - Treed Bog	4.0	No	Unspecified	
35	330 - Low-Density Trees	2.0	No	Unspecified	
39	330 - Low-Density Trees	7.9	No	Unspecified	
56	310 - Herbaceous Openland	4.9	No	Unspecified	
63	122 - Road/Parking Lot	6.1	Yes	Unspecified	
65	622 - Lowland Shrub	1.5	No	Unspecified	
66	310 - Herbaceous Openland	3.7	No	Unspecified	
69	310 - Herbaceous Openland	1.4	No	Unspecified	
78	310 - Herbaceous Openland	3.0	No	Unspecified	
83	330 - Low-Density Trees	3.8	No	Unspecified	
89	310 - Herbaceous Openland	4.6	No	Unspecified	



Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
90	6229 - Mixed lowland shrub	1.5	No	Unspecified	New stand added.
101	629 - Mixed non-forested wetland	2.3	No	Unspecified	
103	622 - Lowland Shrub	9.0	No	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
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**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
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.