



Compartment Review Presentation

Gaylord Forest Management Unit

Compartment 138

Entry Year 2015

Acreage: 2,277

County Cheboygan

Management Area: Mackinaw Lake Plain

Revision Date: 04/18/2013

Stand Examiner: John Scheele

Legal Description:

T38N - R3W Sections 20, 21, 28, 29, 31, 33

Identified Planning 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:

A Rubicon-East Lake Association of excessively drained, sandy soils is in the northeast corner, a Tawas-Lupton Association of poorly drained, mucky soils is in the center, and a Detour-Brevort Association of poorly drained, sandy soils is in the southwest portions of the compartment. The topography is nearly level.

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

Compartment consist mostly of one large contiguous state ownership and 2 additional isolated parcels. State ownership is surrounded by private, recreational properties to the west and south which are used for hunting and agricultural purpose. Compartment borders state land to the east and Interstate 75 to the north.

Unique Natural Features:

Common loon and Grizzled skipper have been observed in compartment. Potential for ram's head lady's-slipper, limestone oak fern, round-leaved orchis, and calypso orchid in cedar swamps. Potential for eastern massasauga, Blanding's turtle, and wood turtle. Potential for marsh birds: common moorhen, king rail, yellow rail, American bittern, and least bittern.

Archeological, Historical, and Cultural Features:

There are no known features within the compartment at this time.

Special Management Designations or Considerations:

None

Watershed and Fisheries Considerations:

Mud Lake and Mud Creek are within the compartment boundaries. While it does not appear as though any of the treatments will impact these areas, the appropriate BMP's should be followed. The small portion in NLHMU is in the Mill Creek watershed, which flows into Lake Huron. There are no waterbodies in the NLHMU portion of the compartment.

Wildlife Habitat Considerations:

This compartment contains mostly lowland habitat associated with Mud Creek and Lake with a number of upland inclusions. This lowland complex supports black bear, white-tailed deer, and various furbearers and amphibians. Three upland areas of aspen will be treated to provide age class diversity and early successional habitat that will benefit white-tailed deer, ruffed grouse, American woodcock, snow shoe hare and various song birds.

Mineral Resource and Development Concerns and/or Restrictions

Surface sediments consist of lacustrine (lake) sand and gravel. An esker is located in Section 31. The glacial drift thickness varies between 200 and 400 feet. The Devonian Detroit River Formation subcrops below the glacial drift. There are several gravel pits in the area and it appears the area has good potential. The nearest oil and gas production, the Antrim Shale gas play, is located 30 miles to the south. There is no known oil and gas potential in the area.

Vehicle Access:

Vehicle access is very limited. Only vehicle access is in the northeast corner of the compartment off of Hebron Town Hall, Mud Lake, or Weadock Roads.

Survey Needs:

An incorrect private survey may have been established in Section 28. A survey to establish the southeast section corner and reestablish the south quarter corner may be needed to access a prescribed forest stand within that section.

Recreational Facilities and Opportunities:

No recreational trails within compartment. Public hunting opportunities are limited to the northeast part of the compartment where access is available.

Fire Protection:

No significant wildfire concerns.

Additional Compartment Information:

The following reports from the Inventory are attached:

- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

The following information is displayed, where pertinent, on the attached compartment maps:

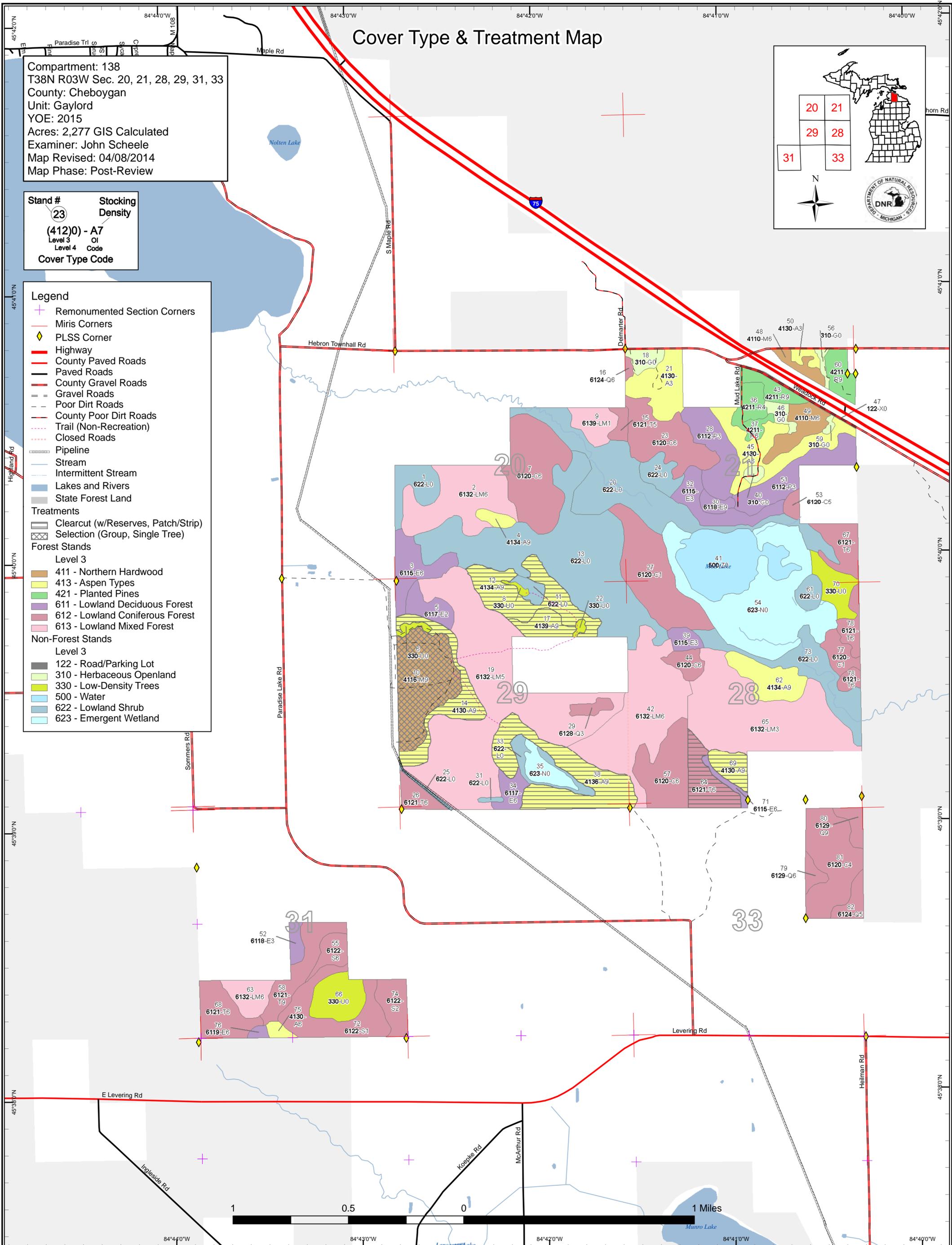
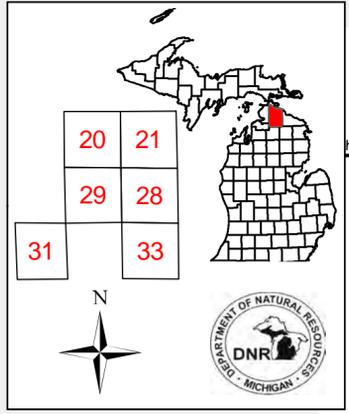
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

Cover Type & Treatment Map

Compartment: 138
 T38N R03W Sec. 20, 21, 28, 29, 31, 33
 County: Cheboygan
 Unit: Gaylord
 YOY: 2015
 Acres: 2,277 GIS Calculated
 Examiner: John Scheele
 Map Revised: 04/08/2014
 Map Phase: Post-Review

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

- Legend**
- ✚ Remonumented Section Corners
 - ✚ Miris Corners
 - ◆ PLSS Corner
 - ▬ Highway
 - ▬ County Paved Roads
 - ▬ Paved Roads
 - ▬ County Gravel Roads
 - ▬ Gravel Roads
 - ▬ Poor Dirt Roads
 - ▬ County Poor Dirt Roads
 - ▬ Trail (Non-Recreation)
 - ▬ Closed Roads
 - ▬ Pipeline
 - ▬ Stream
 - ▬ Intermittent Stream
 - ▬ Lakes and Rivers
 - ▬ State Forest Land
- Treatments**
- ▬ Clearcut (w/Reserves, Patch/Strip)
 - ▬ Selection (Group, Single Tree)
- Forest Stands**
- Level 3
- 411 - Northern Hardwood
 - 413 - Aspen Types
 - 421 - Planted Pines
 - 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
 - 500 - Water
 - 622 - Lowland Shrub
 - 623 - Emergent Wetland



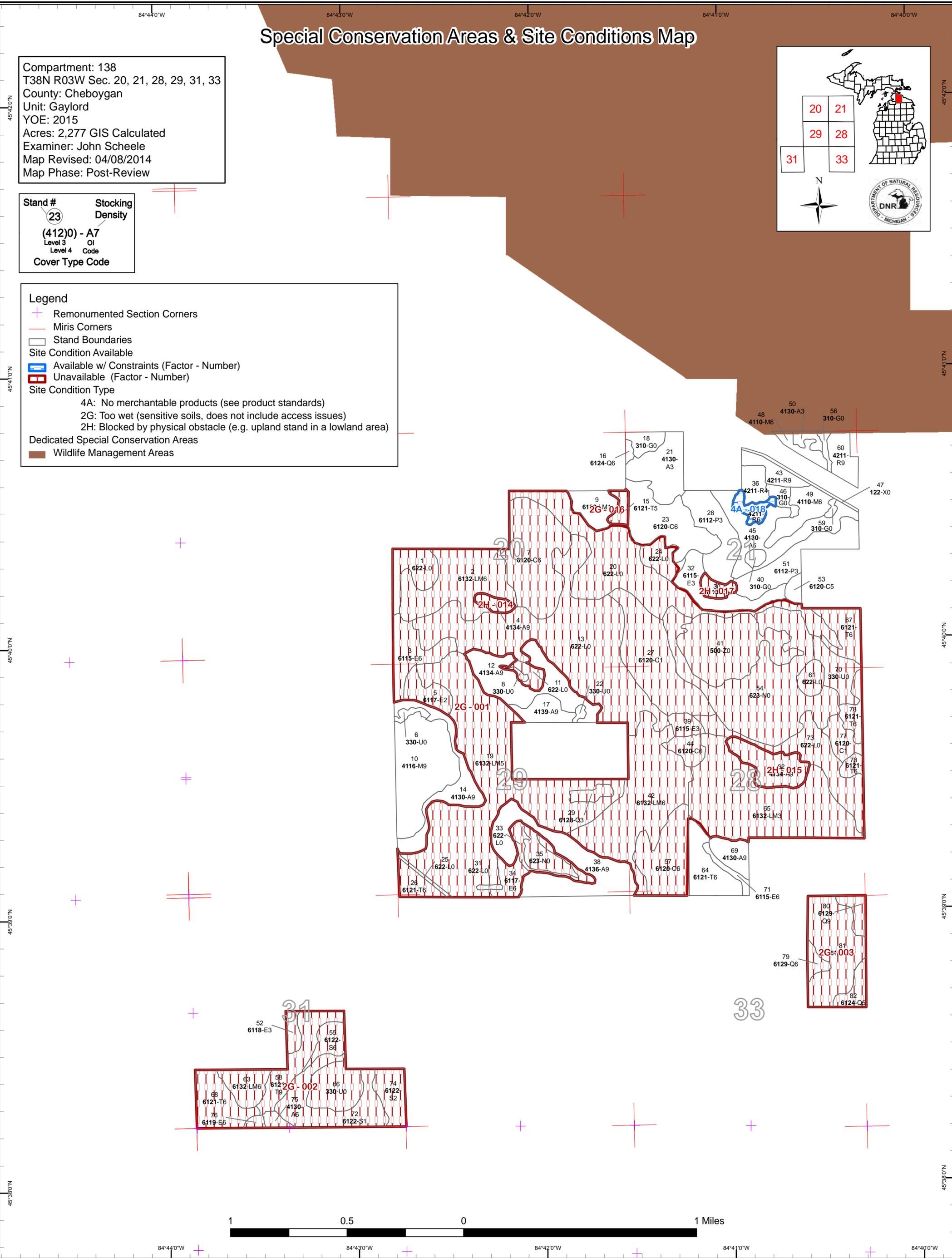
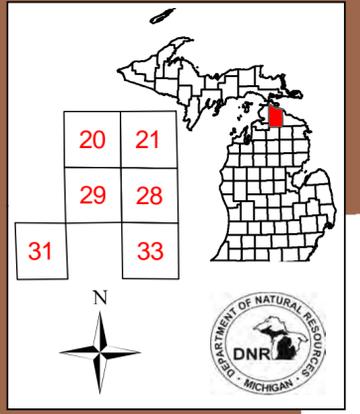
Special Conservation Areas & Site Conditions Map

Compartment: 138
 T38N R03W Sec. 20, 21, 28, 29, 31, 33
 County: Cheboygan
 Unit: Gaylord
 YOY: 2015
 Acres: 2,277 GIS Calculated
 Examiner: John Scheele
 Map Revised: 04/08/2014
 Map Phase: Post-Review

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

Legend

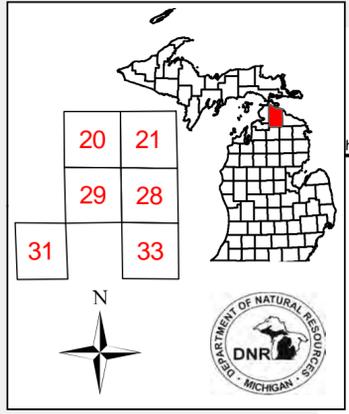
- Remonumented Section Corners
- Miris Corners
- Stand Boundaries
- Site Condition Available
- Available w/ Constraints (Factor - Number)
- Unavailable (Factor - Number)
- Site Condition Type
 - 4A: No merchantable products (see product standards)
 - 2G: Too wet (sensitive soils, does not include access issues)
 - 2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)
- Dedicated Special Conservation Areas
 - Wildlife Management Areas



Cover Type & Treatment Map

Compartment: 138
 T38N R03W Sec. 20, 21, 28, 29, 31, 33
 County: Cheboygan
 Unit: Gaylord
 YOY: 2015
 Acres: 2,277 GIS Calculated
 Examiner: John Scheele
 Map Revised: 04/08/2014
 Map Phase: Post-Review

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

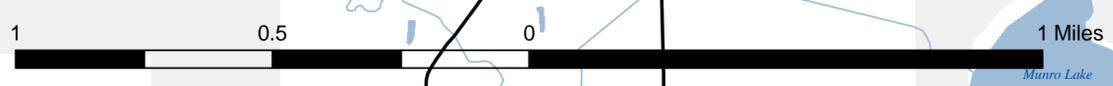
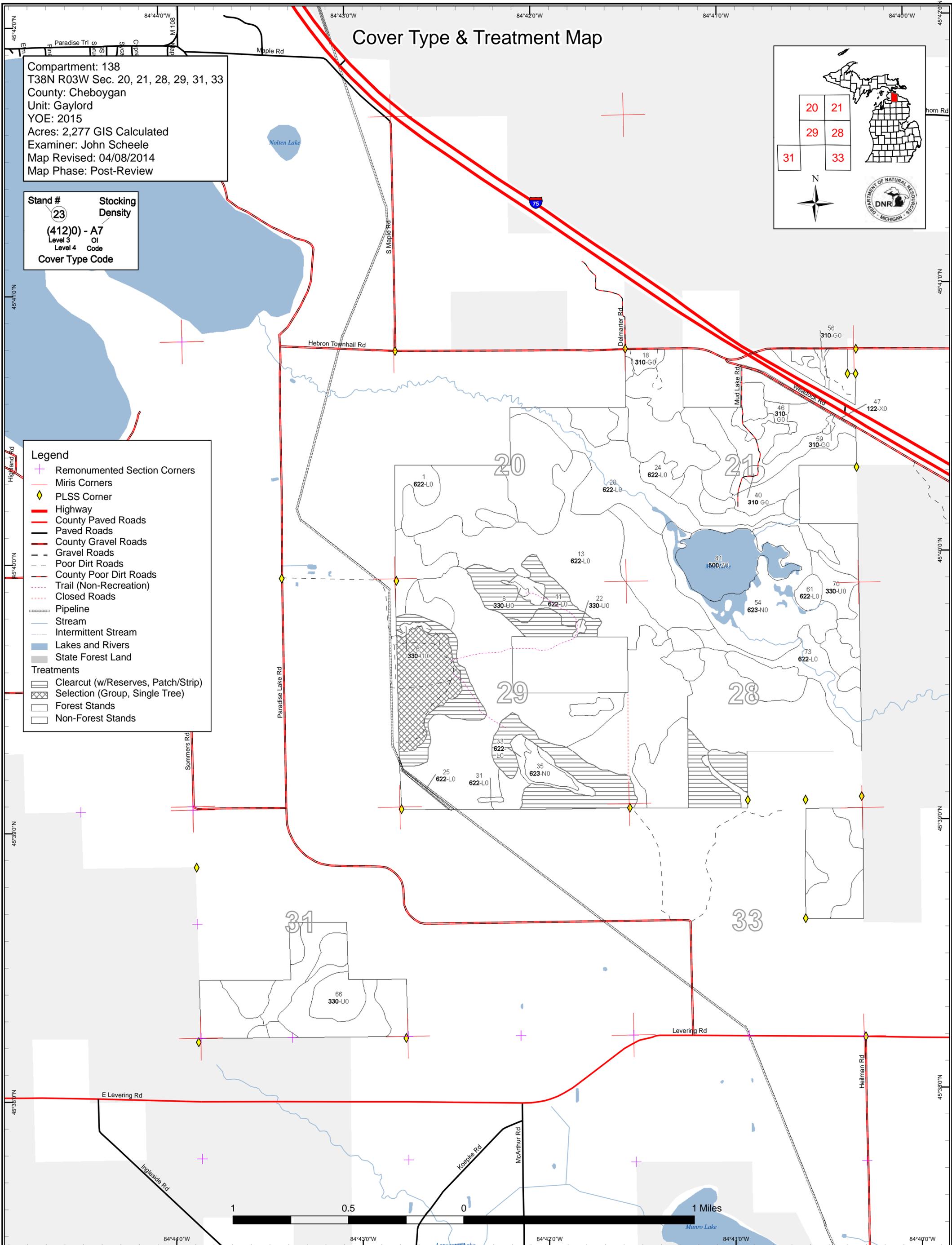


Legend

- ✚ Remonumented Section Corners
- ✚ Miris Corners
- ◆ PLSS Corner
- ▬ Highway
- ▬ County Paved Roads
- ▬ Paved Roads
- ▬ County Gravel Roads
- ▬ Gravel Roads
- ▬ Poor Dirt Roads
- ▬ County Poor Dirt Roads
- ▬ Trail (Non-Recreation)
- ▬ Closed Roads
- ▬ Pipeline
- ▬ Stream
- ▬ Intermittent Stream
- ▬ Lakes and Rivers
- ▬ State Forest Land

Treatments

- ▨ Clearcut (w/Reserves, Patch/Strip)
- ▩ Selection (Group, Single Tree)
- ▭ Forest Stands
- ▭ Non-Forest Stands



Report 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	0	5	77	0	0	0	0	0	78	122	0	0	0	0	282
Cedar	0	0	0	0	64	0	0	12	0	80	0	0	139	0	294
Herbaceous Openland	22	0	0	0	0	0	0	0	0	0	0	0	0	0	22
Low-Density Trees	50	0	0	0	0	0	0	0	0	0	0	0	0	0	50
Lowland Aspen/Balsam Poplar	0	0	66	0	0	0	0	0	0	0	0	0	0	0	66
Lowland Conifers	0	0	0	6	0	2	0	0	0	10	0	8	6	0	31
Lowland Deciduous	0	14	0	6	18	26	24	0	3	11	0	0	0	0	102
Lowland Mixed Forest	0	0	0	123	0	16	0	0	161	201	0	16	0	0	517
Lowland Shrub	378	0	0	0	0	0	0	0	0	0	0	0	0	0	378
Lowland Spruce/Fir	0	0	0	43	0	0	0	0	0	0	29	0	0	0	72
Marsh	129	0	0	0	0	0	0	0	0	0	0	0	0	0	129
Northern Hardwood	0	0	0	0	0	0	0	8	0	83	0	0	0	0	91
Red Pine	0	0	18	0	0	25	0	0	0	0	0	0	0	0	43
Tamarack	0	0	0	0	0	0	0	0	31	46	0	27	28	0	132
Urban	4	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Water	63	0	0	0	0	0	0	0	0	0	0	0	0	0	63
Total	647	18	161	179	82	69	24	19	273	554	29	52	172	0	2277



Report 2 – Proposed Treatment Summaries

Gaylord Mgt. Unit
Year of Entry 2015

Compartment 138
Total Compartment Acres: 2,277

Acres by Treatment Type

Commercial Harvest - 245 Tree Planting - 0 Other - 0
Habitat Cut - 0 Opening Maintenance - 0

Cover Type by Harvest Method

	Clearcut	Selection	Seed Tree	Shelterwood	Thinning	Other - Specify	Total Acres
Aspen Types	168	0	0	0	0	0	168
Lowland Coniferous Forest	13	0	0	0	0	0	13
Northern Hardwood	0	64	0	0	0	0	64
Total	181	64	0	0	0	0	245



Stand	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
10	52138010-ST5	63.9	4116 - Mixed N. Hardwood - Aspen	High Density Log	91	111-140	Harvest	Single Tree Selection	4116 - Mixed N. Hardwood - Aspen	Fld. Tr. Bdy. - Incomplete
<u>Prescription</u> Mark stand down to 70 - 80 RBA. Cut all ash and leave all aspen. Create 2-3 regeneration gaps of 60 - 80 feet in crown diameter per every 5										
<u>Specs:</u> acres.										
<u>Other</u> Beech scale present with some breakage occurring. No EAB observed. Pockets of aspen with larger trees dying out. BA = 130 Access stand										
<u>Comments:</u> from the west through private property.										
<u>Next</u>										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> 10/01/2014										
12	52138012- CCWR	47.5	4134 - Aspen, Spruce/Fir	High Density Log	81		Harvest	Clearcut with Reserves	4134 - Aspen, Spruce/Fir	Fld. Tr. Bdy. - Incomplete
<u>Prescription</u> Harvest stand to regenerate. Do not cut White Cedar. Mark some Balsam Fir and White Spruce to cut and leave for hare habitat. Leave small										
<u>Specs:</u> island along north boundary of stand, across lowland area, as retention.										
<u>Other</u> Harvest during winter. Access stand through private property to the south.										
<u>Comments:</u>										
<u>Next</u> Regeneration survey. Acceptable regeneration includes a moderate to well stocked mix of aspen, conifers, and deciduous species.										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> 10/01/2014										
14	52138014- CCWR	30.4	4130 - Aspen	High Density Log	81		Harvest	Clearcut with Reserves	4130 - Aspen	Fld. Tr. Bdy. - Incomplete
<u>Prescription</u> Harvest stand to regenerate. Do not cut White Cedar or Hemlock. No retention due to long, narrow shape of stand.										
<u>Specs:</u>										
<u>Other</u> Wetter soil along eastern edge of stand. Cut in summer or winter to minimize rutting damage. Access stand from the west through private										
<u>Comments:</u> property.										
<u>Next</u> Regeneration survey. Acceptable regeneration includes a moderate to well stocked mix of aspen and deciduous species.										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> 10/01/2014										
17	52138017-CC	13.5	4139 - Aspen, Mixed Deciduous	High Density Log	91		Harvest	Clearcut	4139 - Aspen, Mixed Deciduous	Fld. Tr. Bdy. - Incomplete
<u>Prescription</u> Harvest stand to regenerate. No retention due to small stand size.										
<u>Specs:</u>										
<u>Other</u> Harvest during winter. Access stand through private property to the south.										
<u>Comments:</u>										
<u>Next</u> Regeneration survey. Acceptable regeneration includes a moderate to well stocked mix of aspen and deciduous species.										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> 10/01/2014										
38	52138038- CCWR	64.3	4136 - Aspen, Mixed Conifer	High Density Log	91		Harvest	Clearcut with Reserves	4136 - Aspen, Mixed Conifer	Fld. Tr. Bdy. - Incomplete
<u>Prescription</u> Harvest stand to regenerate. Do not cut Hemlock, White Pine, or White Cedar. Mark some Balsam Fir to cut and leave for hare habitat.										
<u>Specs:</u>										
<u>Other</u> Harvest in summer or winter to minimize rutting. Stay out of lower areas within stand. Access stand through private property in southeast corner										
<u>Comments:</u> of stand.										
<u>Next</u> Regeneration survey. Acceptable regeneration includes a moderate to well stocked mix of aspen and deciduous species.										
<u>Steps:</u>										
<u>Proposed</u>										
<u>Start Date:</u> 10/01/2014										



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Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
64 52138064-CCWR	12.8	6121 - Tamarack	High Density Pole	81		Harvest	Clearcut with Reserves	6121 - Tamarack	Fld. Tr. Bdy.

Prescription Harvest stand to regenerate. Clearcut 2 inches and above. Do not cut cedar. Leave an area for retention.

Specs:

Other Add this stand as an optional unit to the harvest of stand 69.

Comments:

Next Steps: Regeneration Survey. Acceptable regeneration includes a moderate to well stocked mix of tamarack, lowland conifer and deciduous species.

Proposed

Start Date: 10/01/2013

69 52138069-CC	12.4	4130 - Aspen	High Density Log	91		Harvest	Clearcut	4130 - Aspen	Fld. Tr. Bdy.
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Prescription Harvest stand to regenerate. Mark some Balsam Fir to cut and leave for hare habitat. No retention recommended due to small stand size.

Specs:

Other Cut stand during winter. Access stand through private property to the south.

Comments:

Next Steps: Regeneration survey. Acceptable regeneration includes a moderate to well stocked mix of aspen, Balsam Fir, and deciduous species.

Proposed

Start Date: 10/01/2013

**Total Treatment
Acreage Proposed: 244.8**



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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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#Type! #Type!

Prescription
Specs:

Other
Comment:

Next
Steps:

Proposed
Start Date: #Type!

Limiting Factor

Total Treatment
Acreage Proposed: 0.0

Report 5 – Site Conditions

Gaylord Mgt. Unit
John Scheele : Examiner

Compartment 138
Year of Entry 2015

Availability for Management

Total Acres	Acres			Dominant Site Conditions			
	Available	Not Available		No	4A	2H	2G
282	246	36	Aspen	246		32	4
294	50	245	Cedar	50			245
66	66		Lowland Aspen/Balsam Poplar	66			
31	2	29	Lowland Conifers	2			29
102	24	78	Lowland Deciduous	24		6	71
517	16	501	Lowland Mixed Forest	16			501
72		72	Lowland Spruce/Fir				72
91	91		Northern Hardwood	91			
43	43		Red Pine	36	8		
132		132	Tamarack				132
1,630	537	1,092	Total Forested Acres	530	8	38	1,054
	33%	67%	Relative Percent				

**Due to limitations in the current Site Conditions Analysis tool, all nonforested acres are considered available. Future development will enable analysis of nonforested types.*

Site No.	Dominant Site Cond Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
001	Not Available	2G: Too wet (sensitive soils, does not include access issues)	1,373				
Comments:							
002	Not Available	2G: Too wet (sensitive soils, does not include access issues)	181	2E: Road needed			
Comments:							

Report 5 – Site Conditions

Gaylord Mgt. Unit
John Scheele : Examiner

Compartment 138
Year of Entry 2015

003	Not Available	2G: Too wet (sensitive soils, does not include access issues)	76	2B: Unknown if access through adjacent landowner(s) is possible	
Comments:					
014	Not Available	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	6		
Comments:					
015	Not Available	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	26		
Comments:					
016	Not Available	2G: Too wet (sensitive soils, does not include access issues)	6		
Comments:					
017	Not Available	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	6		
Comments:					

Report 5 – Site Conditions

Gaylord Mgt. Unit
John Scheele : Examiner

Compartment 138
Year of Entry 2015

018	Available	4A: No merchantable products (see product standards)	8	5C: Delay treatment for age/size class diversity or exceptional site quality
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Comments:

Dead branches all the way to ground. Leave for next YOE to be treated with other Red Pine stands in area.



Report 6 – 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.

SCA Name	SCA Category	Detail Type	Recommendation	Acres
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Comments				
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Report 7 – EXISTING SPECIAL CONSERVATION AREA DETAILS

* This is a list of SCA's for this compartment along with a 1/4 mile buffer surrounding the compartment. Refer to the Special Conservation Area Map for locations of the below listed Conservation Areas.

ERA = Ecological Reference Area
 HCVA = High Conservation Value Area
 SCA = Special Conservation Area

Conservation Area	Type	Description
SCA	Habitat Area	An area that provide some specific need for the life cycle of wildlife species, including State Wildlife Areas and Waterfowl Production Areas, deer wintering complexes in lowland conifer communities, grassland openings and savannas. Habitat areas are distinct from critical habitat designated for recovery of endangered or threatened species (such as Kirtland's warbler or piping plover areas) in that they are more general in nature, are not primarily associated with threatened or endangered species, and are not covered by species recovery plans that are developed in cooperation with Federal agencies.

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Gaylord Mgt. Unit

Report 8 – Forested Stands

Compartment: 138
Year of Entry: 2015

Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
6132 - Mixed Lowland Forest with Cedar	High Density Pole	62.3	81		
6115 - Lowland Ash	High Density Pole	25.8	51		
4134 - Aspen, Spruce/Fir	High Density Log	5.6	91		Stand is surrounded by lowland. Factor limit.
6117 - Lowland Deciduous, Mixed Coniferous	Medium Density	13.7	11		
6120 - Lowland Cedar	High Density Pole	65.6	96		Poor quality cedar.
6139 - Mixed Lowland Forest	Low Density Sapling	15.9	51		
4116 - Mixed N. Hardwood - Aspen	High Density Log	63.9	91	111-140	Beech scale present with some breakage occurring. No EAB. Pockets of aspen with larger aspen dying out. BA = 130
4134 - Aspen, Spruce/Fir	High Density Log	47.5	81		Poor quality aspen with pockets of lower ground.
4130 - Aspen	High Density Log	30.4	81		Low quality aspen with trunk rot. Wetter soil along eastern edge of stand.
6121 - Tamarack	Medium Density Pole	5.8	86		Larger diameter tamarack in overstory is standing dead.
6124 - Lowland Spruce-Fir	High Density Pole	1.8	56		Tamarack dying with porcupine damage on many of the trees. Transition stand from low ground to high ground and from tamarack to Balsam Fir.
4139 - Aspen, Mixed Deciduous	High Density Log	13.5	91		Larger aspen beginning to die and fall over.
6132 - Mixed Lowland Forest with Cedar	Medium Density Pole	201.0	91		Poor quality trees with larger tamarack and cedar dead or dying out.
4130 - Aspen	High Density Sapling	30.6	27		
6120 - Lowland Cedar	High Density Pole	45.3	121		Low quality cedar with some pockets of larger, better quality trees.
6121 - Tamarack	High Density Pole	11.0	91		Slash and blowdown beginning to occur.
6120 - Lowland Cedar	Low Density Sapling	63.9	41		

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Gaylord Mgt. Unit

Report 8 – Forested Stands

Compartment: 138
Year of Entry: 2015

Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
6112 - Lowland Aspen	High Density Sapling	31.6	27		
6128 - Lowland Coniferous, Mixed Deciduous	High Density Sapling	6.0	35		Stand was cut by Ralph Hemmer between 1976 and 1979 as emergency deer yard.
6118 - Lowland Deciduous with Cedar	High Density Log	6.4	96		Larger aspen and birch dying out.
6115 - Lowland Ash	High Density Sapling	24.4	61		
6117 - Lowland Deciduous, Mixed Coniferous	High Density Pole	10.7	41		Saw a snowshoe rabbit in stand.
42110 - Planted Red Pine	Low Density Pole	10.6	26		Red Pine is very branchy and poor quality. 20 - 30 ft in height. Failed planting on possible poor soil. Jack pine appears to be taller and a little better quality.
42110 - Planted Red Pine	High Density Pole	7.5	26	171-200	Dead branches to ground. BA = 173. Leave for next YOE.
4136 - Aspen, Mixed Conifer	High Density Log	64.3	91		Heavy deer activity within stand, especially under hemlock and White Pine. Hemlock is relatively short (40 - 50 feet) with large DBH. Pockets of higher water table with slash beginning to occur.
6115 - Lowland Ash	High Density Sapling	7.5	41		
6132 - Mixed Lowland Forest with Cedar	High Density Pole	98.7	81		
42110 - Planted Red Pine	High Density Log	11.2	52	111-140	Thinned in 2001. BA = 140.
6120 - Lowland Cedar	High Density Pole	10.0	91		Very poor quality cedar which is dying out.
4130 - Aspen	High Density Pole	42.1	27		
4110 - Sugar Maple Association	High Density Pole	7.8	76	51-80	Poor quality Sugar Maple. BA = 77.
4110 - Sugar Maple Association	High Density Pole	19.2	96	81-110	Poorer quality sugar maple. A couple of beech trees have scale and mostly dead already. No ash trees. BA = 90
4130 - Aspen	High Density Sapling	4.6	18		
6112 - Lowland Aspen	High Density Sapling	34.5	27		



Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
6118 - Lowland Deciduous with Cedar	High Density Sapling	6.3	31		Short cedar 30 - 60 feet tall with tops of trees dead and dying.
6120 - Lowland Cedar	Medium Density Pole	4.6	91		Very poor cedar which is either dead or dying.
6122 - Black Spruce	High Density Pole	11.4	101		
6120 - Lowland Cedar	High Density Pole	40.9	121		Very poor quality cedar with tamarack dying out. Slash beginning to occur.
6121 - Tamarack	High Density Log	27.6	121		Tamarack dying out. Good cedar regeneration.
42110 - Planted Red Pine	High Density Log	13.9	52	141-170	Thinned in 1995. Lower quality trees with pockets of larger diameter trees around open areas within stand. BA = 157.
4134 - Aspen, Spruce/Fir	High Density Log	26.3	91		Stand is surrounded by lowland and has pockets of low ground within stand. Aspen is also dying out. Factor limit due to no access.
6132 - Mixed Lowland Forest with Cedar	High Density Pole	16.3	111		
6121 - Tamarack	High Density Pole	25.3	81		
6132 - Mixed Lowland Forest with Cedar	High Density Sapling	123.1	31		Very poor quality stand.
6121 - Tamarack	High Density Pole	19.2	96		Very poor tamarack.
6121 - Tamarack	High Density Pole	27.4	111		Tamarack is poor health with a lot of trees dying or dead. Bark flaking off many of the trees.
4130 - Aspen	High Density Log	12.8	91		Poorer quality aspen with white rot.
6115 - Lowland Ash	High Density Pole	4.6	91		
6122 - Black Spruce	Low Density Sapling	43.2	31		Stand is 30 feet maximum with a lot of dead or dying trees.
6122 - Black Spruce	Medium Density	17.3	101		
4130 - Aspen	High Density Pole	3.9	24		
6119 - Mixed Lowland Deciduous Forest	High Density Pole	2.5	86		

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Gaylord Mgt. Unit

Report 8 – Forested Stands

Compartment: 138
Year of Entry: 2015



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
77	6120 - Lowland Cedar	Low Density Sapling	11.6	76		Very poor quality cedar.
78	6121 - Tamarack	High Density Pole	15.8	96		Very poor quality tamarack.
79	6129 - Mixed Coniferous Lowland Forest	High Density Pole	5.5	121		Poor quality site with cedar dying out.
80	6129 - Mixed Coniferous Lowland Forest	High Density Log	8.0	111		
81	6120 - Lowland Cedar	Low Density Pole	52.5	121		Very poor quality cedar that is mostly dead.
82	6124 - Lowland Spruce- Fir	Medium Density Pole	9.7	91		



Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
1	622 - Lowland Shrub	19.8	No	Unspecified	
6	330 - Low-Density Trees	3.0	No	Unspecified	
8	330 - Low-Density Trees	1.6	No	Unspecified	
11	622 - Lowland Shrub	6.1	No	Unspecified	
13	622 - Lowland Shrub	171.6	No	Unspecified	
18	310 - Herbaceous Openland	8.0	No	Unspecified	
20	622 - Lowland Shrub	98.4	No	Unspecified	
22	330 - Low-Density Trees	1.7	No	Unspecified	
24	622 - Lowland Shrub	13.1	No	Unspecified	
25	622 - Lowland Shrub	2.4	No	Unspecified	
31	622 - Lowland Shrub	1.4	No	Unspecified	
33	622 - Lowland Shrub	11.2	No	Unspecified	
35	623 - Emergent Wetland	13.3	No	Unspecified	
40	310 - Herbaceous Openland	3.5	No	Unspecified	
41	50 - Water	63.5	No	Unspecified	
46	310 - Herbaceous Openland	5.7	No	Unspecified	
47	122 - Road/Parking Lot	4.1	No	Unspecified	
54	623 - Emergent Wetland	116.1	No	Unspecified	



Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
56	310 - Herbaceous Openland	2.9	No	Unspecified	
59	310 - Herbaceous Openland	1.6	No	Unspecified	
61	622 - Lowland Shrub	8.9	No	Unspecified	
66	330 - Low-Density Trees	25.4	No	Unspecified	
70	330 - Low-Density Trees	18.2	No	Unspecified	
73	622 - Lowland Shrub	45.3	No	Unspecified	