



COMPARTMENT REVIEW PRESENTATION

GAYLORD FOREST MANAGEMENT UNIT

COMPARTMENT: 204

ENTRY YEAR: 2012

ACREAGE: 2,165

COUNTY: Cheboygan

Revision Date: 05/21/2010

Stand Examiner: Darrick Coy

Legal Description: T36N R01E Sec. 31-34

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: This compartment is relatively wet with minimal changes in topography. Along the east, west, and south edges of the compartment the dominant soil types are very poorly drained Bowstring Muck, Krincross Mucky Sand, and Tawas Peat. Along the north edge and center of the compartment soil types change more significantly with pockets of higher ground and soils with better drainage.

Ownership Patterns, Development, and Land Use in and Around the Compartment: Almost the entire compartment is state owned. Most private property borders the north and east portions of the compartment. State land dominates along the west and south portions of the compartment with a few isolated private parcels. Some private resort use is evident along Black Lake and the eastern edge of the compartment.

Unique, Natural Features: Bald Eagle, Upper Black River, and Mud Creek

Archeological, Historical, and Cultural Features: None known.

Special Management Designations or Considerations: Stands adjacent or within 300ft of the Black River (southwest and northeast of North Black River Rd) are proposed Special Conservation Areas (SCAs) for protecting Lake Sturgeon riparian corridors. Management activities within these SCA stands are restricted and must follow Work Instruction 1.4 guidelines. Also, all management activities must follow BMP guidelines when conducted within the Black River riparian areas and other large portions of the compartment that are excessively wet. Stands that are not adjacent or greater than 300ft from the Black River have been undesignated as SCAs because no identifiable unique features exist. All stands previously designated as

SCA for old growth in OI have been undesignated. Fluctuations in seasonal wetness and poor site quality have limited these previously designated stands from reaching or creating old growth forest characteristics.

Watershed and Fisheries Considerations: This compartment contains a portion of the Upper Black River in the Red Bridge area. This portion of the river is an important migration corridor for the state threatened lake sturgeon. A no-clear cut buffer of 300 feet should be maintained adjacent to the river, and an appropriate stand designation should be applied to recognize the importance of this river.

Wildlife Habitat Considerations: This compartment lies directly west of Black Lake and has the Black River running through a lot of it. This river corridor and the associated lowlands are frequently used by white-tailed deer, various amphibians, black bear, and waterfowl. There are some uplands associated with this area treated and stands 24, 28, and 29 will be final harvest to provide early successional habitat for grouse, woodcock, and wild turkey. Stands 16 and 32 are alder that are going to be strip cut with a hydro-ax to regenerate and provide woodcock habitat. Stands 12, 15, 18, and 34 are going to be mowed to maintain openings.

Mineral Resource and Development Concerns and/or Restrictions: Surface sediments consist of lacustrine (lake) sand and gravel, coarse textured till and dune sand. The glacial drift thickness varies between 100 and 400 feet. The Devonian Traverse Group, Bell Shale and Dundee Group subcrop below the glacial drift. The Traverse and Dundee are quarried for limestone, elsewhere in the state. Gravel pits are located within one mile to the south, but the compartment has limited gravel potential. The nearest oil and gas production, the Niagaran Reef Trend, is located 15 miles to the south. There is no known oil and gas potential in the area, but most of the Compartment is leased for development.

Vehicle Access: Access to the compartment is good along Dump Rd to the east off North Black River Rd. Dump Rd contains some deep depressions that will need to be filled and very poorly drained soil to the east will most-likely create soil rutting problems, if used during the spring. Access using Mud Creek Rd from the south is good; however, seasonal wetness limits use of this road as well.

Survey Needs: None. One proposed treatment borders private property to the north. Given the small treatment distance from east to west, no survey assistance should be needed.

Recreational Facilities and Opportunities: There are no recreational facilities within the compartment. Hunting is the only recreational use within the compartment and within private land to the north. A few abandoned hunting blinds were found throughout the compartment.

Fire Protection: Minimal protection needed due to wetness. Higher risk area for fire during periods of extended drought.

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

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

Compartment 204
 T36N, R01E, Sec. 31 - 34
 County: Cheboygan
 Unit: Gaylord
 YOY: 2012
 Acres: 2,165 GIS Calculated
 Stand Examiner: Darrick Coy
 Map Revised: 05/27/2010
 Map Phase: Pre-Review

Legend

- Miris Corners
- Pipe
- Power
- Paved Roads
- County Gravel Roads
- Poor Dirt Roads
- Trail (Non-Recreation)
- Trails
- ORV Trails
- ORV Routes
- Motorcycle Trails
- Snowmobile Trails
- Intermittent Stream/Drain
- Stream
- Lakes and Rivers

Treatments

- Mowing
- Opening Maintenance
- Other Treatment - See Comments
- Clearcut (w/Reserves, Patch/Strip)

Forest Stands

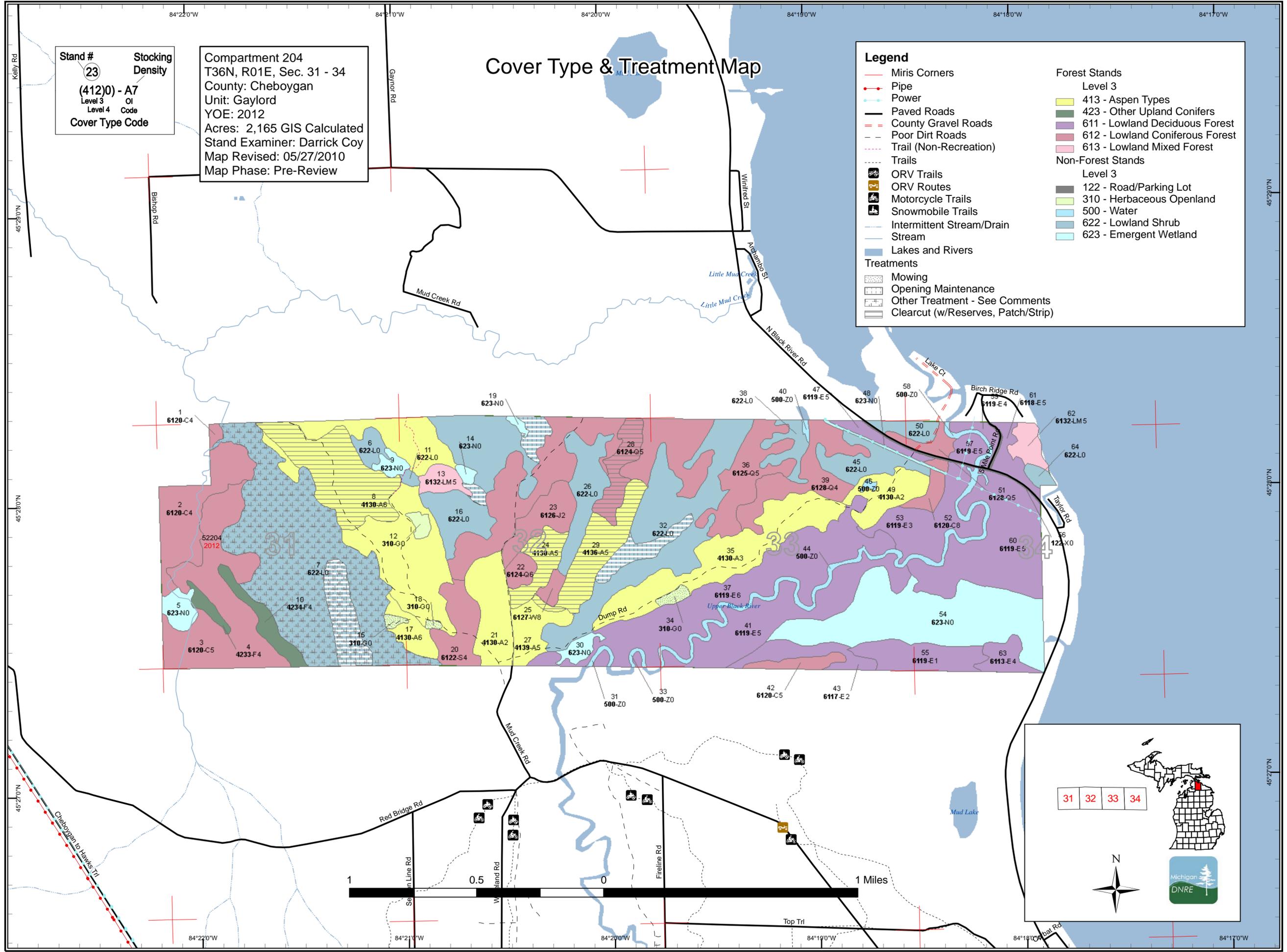
Level 3

- 413 - Aspen Types
- 423 - Other Upland Conifers
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest

Non-Forest Stands

Level 3

- 122 - Road/Parking Lot
- 310 - Herbaceous Openland
- 500 - Water
- 622 - Lowland Shrub
- 623 - Emergent Wetland




Dedicated & Proposed Special Conservation Area Map

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

Compartment 204
 T36N, R01E, Sec. 31 - 34
 County: Cheboygan
 Unit: Gaylord
 YOE: 2012
 Acres: 2,165 GIS Calculated
 Stand Examiner: Darrick Coy
 Map Revised: 05/27/2010
 Map Phase: Pre-Review

- Legend**
- Miris Corners
 - Stand Boundaries
 - Forest Stands
 - Level 3
 - 413 - Aspen Types
 - 423 - Other Upland Conifers
 - 611 - Lowland Deciduous Forest
 - 612 - Lowland Coniferous Forest
 - 613 - Lowland Mixed Forest
 - Non-Forest Stands
 - Level 3
 - 122 - Road/Parking Lot
 - 310 - Herbaceous Openland
 - 500 - Water
 - 622 - Lowland Shrub
 - 623 - Emergent Wetland
 - Proposed Special Conservation Areas
 - ▨ SCA - Special Conservation Area
 - ▩ SCA Removal
 - Dedicated Special Conservation Areas
 - Cold Water Streams

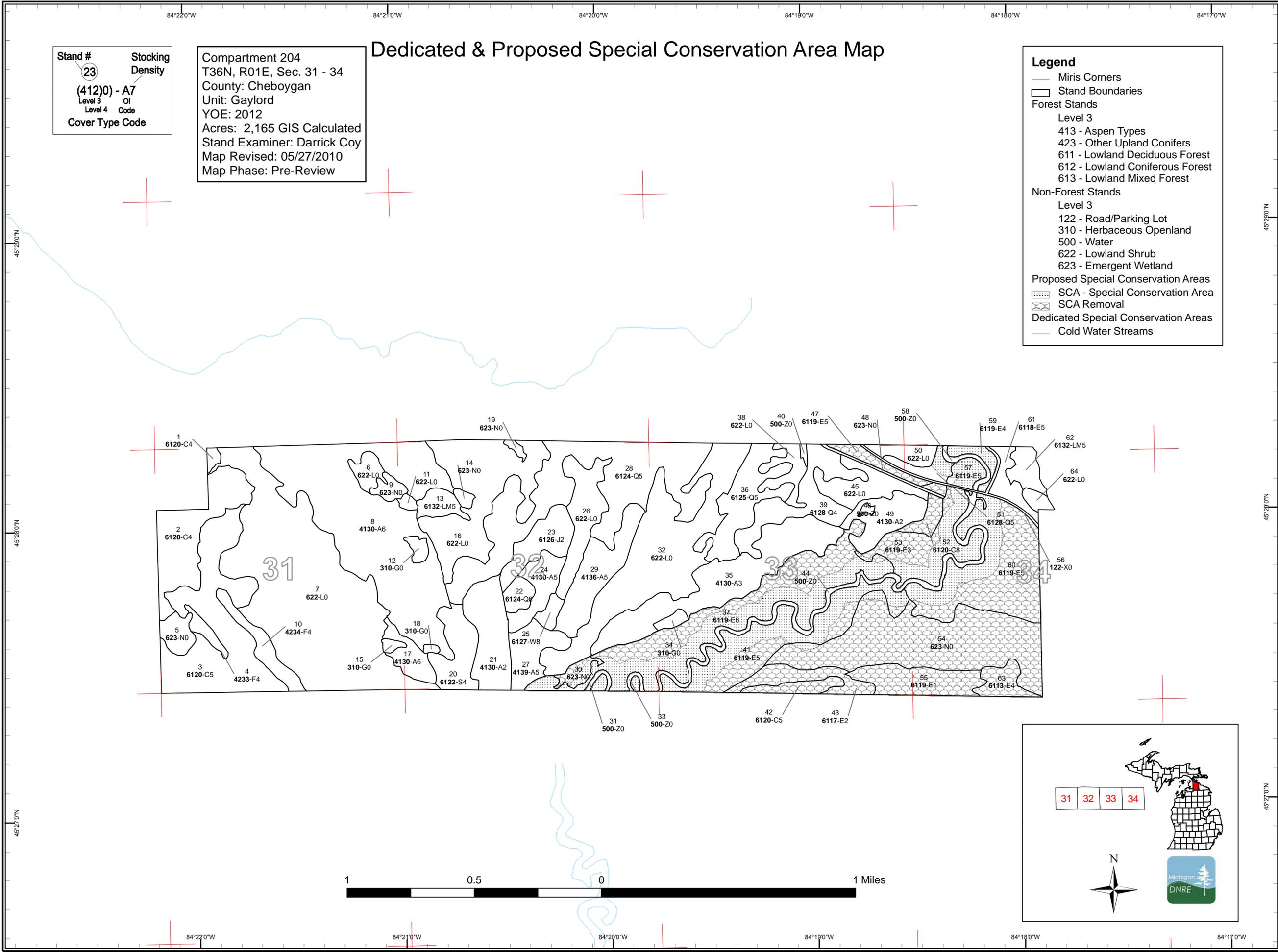


Table 1 – Total Acres by Cover Type and Age Class
(Level 3 Cover Type)



	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 Types	0	0	66	83	228	60	0	0	0	0	0	0	0	0	0	437
Emergent Wetland	172	0	0	0	0	0	0	0	0	0	0	0	0	0	0	172
Herbaceous Openland	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12
Lowland Coniferous Forest	0	0	26	0	0	0	36	6	0	0	0	0	3	0	408	478
Lowland Deciduous Forest	0	0	0	0	0	0	0	17	100	94	202	0	0	0	33	446
Lowland Mixed Forest	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22	22
Lowland Shrub	532	0	0	0	0	0	0	0	0	0	0	0	0	0	0	532
Other Upland Conifers	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22	22
Road/Parking Lot	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Water	38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	38
Total	759	0	91	83	228	60	36	23	100	94	202	0	3	0	485	2165



Table 2 – Proposed Treatment Summaries

Gaylord Mgt. Unit
Year of Entry 2012

Compartment 204
Total Compartment Acres: 2165

Acres by Treatment Type

Commercial Harvest - 154	Site Prep - 0	Tree Planting - 0	Prescribed Burn - 0	Other - 229
Habitat Cut - 0	Opening Maintenance - 40	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	132	0	0	0	0	0	132
Lowland Conifers	22	0	0	0	0	0	22
Total	154	0	0	0	0	0	154



Stand	Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
8	52204008-Cut	70.3	4130 - Aspen	High Density Pole	37	Harvest	Clearcut with Reserves	Aspen	Cmpt. Review Proposal
<u>Prescription</u> -clearcut <u>Specs:</u> -retention pockets (3-10% of treatment area) <u>Other</u> -avoid harvesting in early spring due to access two-tracks being excessively wet <u>Comments:</u> <u>Next Steps:</u> -monitor success of regeneration per Work Instructions									
24	52204024-Cut	20.0	4130 - Aspen	Medium Density Pole	52	Harvest	Clearcut with Reserves	Aspen	Cmpt. Review Proposal
<u>Prescription</u> -clearcut <u>Specs:</u> -leave all White Pine, Oak, & Black Spruce -retention pockets (3-7% of treatment area) should focus on including some overmature Aspen -add spec to protect advanced Oak regeneration and Juneberry <u>Other</u> -access will be using Dump or Mud Creek Roads <u>Comments:</u> -Dump Road needs repair/fill -red-line during summer or fall to identify wet areas -connect treatment boundary with stand 29 to allow access to multiple treatment areas, south of stand 25 <u>Next Steps:</u> -monitor success of regeneration per Work Instructions -acceptable regeneration will most-likely be Aspen									
28	52204028-Cut	22.0	6122 - Black Spruce	Medium Density Pole	60	Harvest	Clearcut with Reserves	Lowland Coniferous, Mixed Deciduous	Cmpt. Review Proposal
<u>Prescription</u> -clearcut during mid summer to late fall to limit potential rutting <u>Specs:</u> -require whole-tree skidding (using multiple trails) through stand and south through west 1/2 of stand 29 where Aspen has not established -leave all White Pine -retention pockets (3-7% of treatment area) should focus on including some overmature Aspen -add spec to protect advanced Oak regeneration and Juneberry <u>Other</u> -red-line during summer or fall to identify wet areas <u>Comments:</u> -potential access using North PVT two-track running East off Mud Creek Rd -East PVT gate owner- Jefferey Mann (734-624-6793) -North PVT gate owner- Leonard Salvaggio (586-296-6779) <u>Next Steps:</u> -monitor success of regeneration per Work Instructions -acceptable regeneration will most-likely be a mix of Jack Pine, Aspen, and mixed conifer									
29	52204029-Cut	41.7	4136 - Aspen, Mixed Conifer	Medium Density Pole	47	Harvest	Clearcut with Reserves	Aspen, Mixed Conifer	Cmpt. Review Proposal
<u>Prescription</u> -clearcut during mid summer to late fall to limit potential rutting <u>Specs:</u> -leave all White Pine, Oak, and Black Spruce -retention pockets (3-7% of treatment area) should focus on including some overmature Aspen -mark White Pine to cut only to improve skidder access from the south -add spec to protect advance Oak regeneration and Juneberry <u>Other</u> -access will be using Dump or Mud Creek Roads <u>Comments:</u> -Dump Road needs repair/fill -red-line during summer or fall to identify wet areas -connect treatment boundary with stand 24, south of stand 25, where skidding access is good (dry) -possible chipvan access and landing establishment within stand 29 will depend on level of wetness <u>Next Steps:</u> -monitor success of regeneration per Work Instructions -acceptable regeneration will most-likely be Aspen & Mixed Conifer									



Stand	Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
7	NF_52204007- bc	28.4	Unspecified		0	Non-Forest Management	Brush Cutting	Mixed lowland shrub	Cmpt. Review Proposal
<u>Prescription</u> -strip cut alder in the winter or spring to produce rapid resprouting									
<u>Specs:</u>									
<u>Other Comments:</u>									
<u>Next Steps:</u>									
15	NF_52204015- NonFor	2.3	Unspecified		0	Non-Forest Management	Mowing	Mixed Upland Herbaceous	Cmpt. Review Proposal
<u>Prescription</u> -mow area during growing season to prevent tree/shrub encroachment along forested edges									
<u>Specs:</u>									
<u>Other Comments:</u>									
<u>Next Steps:</u>									
16	NF_52204016- NonFor	12.0	Unspecified		0	Non-Forest Management	Brush Cutting	Mixed lowland shrub	Cmpt. Review Proposal
<u>Prescription</u> -strip cut alder in the winter or spring to produce rapid resprouting									
<u>Specs:</u>									
<u>Other Comments:</u>									
<u>Next Steps:</u>									
18	NF_52204018- NonFor	1.3	Unspecified		0	Non-Forest Management	Mowing	Mixed Upland Herbaceous	Cmpt. Review Proposal
<u>Prescription</u> -mow area during growing season to prevent tree/shrub encroachment along forested edges									
<u>Specs:</u>									
<u>Other Comments:</u>									
<u>Next Steps:</u>									
32	NF_52204032- NonFor	16.3	Unspecified		0	Non-Forest Management	Brush Cutting	Mixed lowland shrub	Cmpt. Review Proposal
<u>Prescription</u> -strip cut alder in the winter or spring to produce rapid resprouting									
<u>Specs:</u>									
<u>Other Comments:</u>									
<u>Next Steps:</u>									
34	NF_52204034- NonFor	3.8	Unspecified		0	Non-Forest Management	Mowing	Mixed Upland Herbaceous	Cmpt. Review Proposal
<u>Prescription</u> -mow area during growing season to prevent tree/shrub encroachment along forested edges									
<u>Specs:</u>									
<u>Other Comments:</u>									
<u>Next Steps:</u>									

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



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Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
7 NF_52204007 _phrag	228.8	Unspecified		0	Other	Unspecified	Mixed lowland shrub	Cmpt. Review Proposal

Prescription -apply foliar herbicide treatment to phragmites patches throughout stand

Specs:

Other -use/apply Glyphosate (1-2% AI) + Imazapyr (1-2% AI) mix after full tasseling until the first killing frost (August-mid October)

Comments:

Next

Steps:

**Total Treatment
Acreage Proposed: 446.8**

Table 4 -- Treatments Prescribed with a Limiting Factor



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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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Prescription Specs:

Other Comment:

Next Steps:

Limiting Factor and No Treatment Reason

Total Treatment Acreage Proposed: 0

Stand	Gaylord Mgt. Unit		5 – Forested Stands			Compartment: 204	General Comments:
	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Year of Entry: 2012	
1	6120 - Lowland Cedar	Low Density Pole	2.5	110	171-200		
2	6120 - Lowland Cedar	Low Density Pole	54.9	Uneven Age	171-200		-wet-0-1ft standing water -pockets of high and low Cedar mortality within interior of stand and around stand edges due to increasing wetness from creek adjacent and within stand -a fair amount of canopy trees are lacking in live crown vigor and are starting to show partial dieback -less Cedar and Black Spruce mortality towards the west portion of stand
3	6120 - Lowland Cedar	Medium Density Pole	103.5	Uneven Age	111-140		-wet-0-1/2ft standing water -some of the larger Black Spruce are starting to die out in the overstory -pockets of Cedar blowdown
4	42330 - Upland Fir	Low Density Pole	6.0	Uneven Age	1-50		-narrow strip of higher ground, considered upland
8	4130 - Aspen	High Density Pole	190.0	37			-5-8 inch Quaking Aspen stand with heavy amounts of sapling Balsam Fir in subcanopy -traces of Bigtooth Aspen along higher ground -Quaking Aspen on a wetter/poorer/more rolling site to the NE corner of the stand -significant amount of Balsam Fir within the subcanopy and canopy south of the wetland to the north, Quaking Aspen still dominant in this area
10	42340 - Upland Spruce/Fir	Low Density Pole	16.5	Uneven Age	1-50		-narrow strip of higher ground, considered upland
13	6132 - Mixed Lowland Forest with Cedar	Medium Density Pole	10.5	Uneven Age	51-80		-wet-0-1/2ft standing water -some log-sized Cedar trees falling into the general canopy making gaps for regenerating Black Ash -significant log-sized Quaking Aspen blowdown along NW perimeter of stand
17	4130 - Aspen	High Density Pole	14.5	37			-understory is heavy to balsam fir -older Quaking Aspen to the south end of stand with Bigtooth Aspen near opening to the north -wet toward south end of stand -log-sized Quaking Aspen at southern-most portion of stand, occupies about 25% of stand
20	6122 - Black Spruce	Low Density Pole	28.0	57	1-50		-barely forested -mostly pole Black Spruce on edges with saplings towards the interior
21	4130 - Aspen	Medium Density	39.5	17			-mediocre regeneration of Quaking Aspen -poorer Quaking Aspen regen areas are to the north and middle of the stand that are lightly forested and have been filled in with scattered traces of Black Spruce
22	6124 - Lowland Spruce-Fir	High Density Pole	8.3	57	81-110		-wet-0-1/2ft standing water



Stand	Gaylord Mgt. Unit		5 – Forested Stands			Compartment: 204	General Comments:
	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Inventory Method: IFMAP	
23	6126 - Lowland Jack Pine	Medium Density	25.5	17	1-50	-stand was cut in 1993 with stand to the adjacent SW -mediocre regeneration of Jack Pine -best Jack Pine regen is within skid trails -lightly forested pockets of other conifers and Quaking Aspen scattered throughout	
24	4130 - Aspen	Medium Density Pole	20.0	47		-wet -predominantly Quaking Aspen with traces of Bigtooth Aspen -heavy browse on Red Maple seedlings under Aspen -rather short Quaking Aspen, losing vigor and is of poor quality (3-4) stick average volumes -fairly low density of Quaking Aspen clones	
25	6127 - Lowland Pine	Medium Density Log	5.7	64	111-140	-wet-0-1/2ft standing water -pocket of White Pine poles/logs with supercanopy White and Red Pine	
27	4139 - Aspen, Mixed Deciduous	Medium Density Pole	23.8	37		-stand has a few scattered super canopy conifers going through middle of the stand -pole-sized Red Maple throughout with declining/decaying log-sized Quaking Aspen to the East and smaller developing Bigtooth Apen to the SW -mediocre quality Red Maple -good vigorous Bigtooth Aspen	
28	6124 - Lowland Spruce-Fir	Medium Density Pole	135.7	Uneven Age	81-110	-wet-0-1/2ft standing water -Jack Pine primarily located in north-central portion of stand, majority is in 7-10 in dbh -Jack Pine is poor quality (1-2 sticks/large limbs), will be dying out soon and converting to Black spruce and Balsam Fir -3-5 stick pole/log Quaking Aspen towards the north-central portion of stand will be dying out within the next 1-2 rotations -heavy to pole Black Spruce along NE portion of stand, average BA is 110 for this portion	
29	4136 - Aspen, Mixed Conifer	Medium Density Pole	39.7	47		-wet -scattered traces of pole sized mixed conifer to the north and dense conifer pockets to the south, mostly Black Spruce -rather heavy browse on Red Maple saplings -lightly forested pockets throughout stand -rather short Quaking Aspen, losing vigor and is of poor quality (2-3) stick average volumes -fairly low density of Quaking Aspen clones -heavy to Red Maple and Nannyberry under established Quaking Aspen clones	
35	4130 - Aspen	High Density Sapling	83.4	22		-young quality 20 to 30 ft tall Aspen stand with a few scattered supercanopy White Pine trees	
36	6125 - Lowland Black Spruce, Jack Pine	Medium Density Pole	42.6	Uneven Age	81-110	-wet-0-1/2' standing water in pockets -pole-sized Jack Pine and Black Spruce in narrow strips or pockets -lowland shrub patches stratifying forested portions -poor quality Jack Pine (1-2 stick)	





	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
37	6119 - Mixed Lowland Deciduous Forest	High Density Pole	128.3	95	81-110	-wet-0-1/2ft standing water -stand is mostly pole-sized with pockets of sawlog sized Red Maple that are of rather poor form and declining vigor -average quality lowland deciduous forest -subcanopy trees are a bit lacking
39	6128 - Lowland Coniferous, Mixed Deciduous	Low Density Pole	42.0	Uneven Age	1-50	-fairly open wet stand of scattered White Pine and Black Spruce -wet-0-1/2' standing water
41	6119 - Mixed Lowland Deciduous Forest	Medium Density Pole	73.5	95	81-110	
42	6120 - Lowland Cedar	Medium Density Pole	9.8	Uneven Age	111-140	-wet-0-1ft standing water -pockets of fallen cedar and evidences of gap dynamics occurring within the stand -10-15% of canopy cedar showing mortality
43	6117 - Lowland Deciduous, Mixed Coniferous	Medium Density	21.0	Uneven Age	51-80	-wet-0-1ft standing water -mostly sapling sized stagnant Ash and Balsam Poplar
47	6119 - Mixed Lowland Deciduous Forest	Medium Density Pole	8.9	69	51-80	-narrow forested strip along Black River Rd left as a buffer to QA 1993 clearcut to the west -stand contains a small pocket of dense Balsam Fir with log sized red oak to SE portion of stand -wet-0-1/2ft standing water
49	4130 - Aspen	Medium Density	26.5	17		-Balsam Fir dominant in SE portion of stand (less than 5 acres)- May look to making Balsam Fir area its own stand at next inventory, would like to give Aspen regen more time before making the change. -stand was clearcut in 1993.
51	6128 - Lowland Coniferous, Mixed Deciduous	Medium Density Pole	9.2	Uneven Age	51-80	-wet- 0-1/2ft standing water -Cedar more prevalent towards east side of stand
52	6120 - Lowland Cedar	Medium Density Log	10.1	Uneven Age	81-110	-stand contains some of the largest and oldest conifers in compartment -heavy in Cedar and Black Spruce
53	6119 - Mixed Lowland Deciduous Forest	High Density Sapling	47.2	76	51-80	-wet-0-1/2ft standing water -sapling Black Ash are establishing a new lower canopy due to log-sized Aspen and Red Maple dying out -stand contains some scattered log-sized Red Maple and dense mixed conifer near/adjacent to the upper black river -stand contains a relatively high amount of log-sized down coarse woody debris
55	6119 - Mixed Lowland Deciduous Forest	Low Density Sapling	32.5	75	51-80	-less large log sized Red Maple in canopy than adjacent stand to the east -wet-0-2ft standing water
57	6119 - Mixed Lowland Deciduous Forest	Medium Density Pole	8.5	63	51-80	-wet-0-1/2ft standing water -less conifer and species diversity than stand to the NW

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Gaylord Mgt. Unit

5 – Forested Stands

Compartment: 204

Inventory Method: IFMAP

Year of Entry: 2012



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
59	6119 - Mixed Lowland Deciduous Forest	Low Density Pole	6.8	75	51-80	-wet-0-1/2' standing water -fairly open stand canopy in some locations due to pockets of small shrubs/stagnant regeneration towards the middle of the stand
60	6119 - Mixed Lowland Deciduous Forest	Medium Density Pole	94.4	83	51-80	-wet-0-1/2ft standing water -some Cedar blowdown in pockets -canopy is mostly poor quality Red Maple and Ash
61	6118 - Lowland Deciduous with Cedar	Medium Density Pole	12.3	Uneven Age	81-110	-wet-0-1/2ft standing water
62	6132 - Mixed Lowland Forest with Cedar	Medium Density Pole	11.5	Uneven Age	111-140	-dense Cedar in subcanopy with pockets of larger diameter Balsam Fir and Cedar throughout stand -fair amount of Cedar blowdown in larger diameter Cedar pockets -a 3-4 acre pocket of sawlog size Red Oak and Red Maple borders the NE corner of stand
63	6113 - Lowland Maple	Low Density Pole	13.3	72	51-80	-wet-0-1ft standing water -low canopy closure -scattered declining log-sized Red Maple with sapling Ash in canopy and sub-canopy



Stand	Cover Type	Acres	Gen Cmts:
5	6233 - Wet Meadow	11.0	-cedar has died out in the overstory due to a water table rise -a beaver dam to the NW of the stand is most likely the cause of cedar mortality
6	6220 - Alder/willow	8.7	
7	6229 - Mixed lowland shrub	228.9	
9	6239 - Mixed Emergent Wetland	6.1	
11	6220 - Alder/willow	2.3	
12	3102 - Grass	4.2	
14	6233 - Wet Meadow	2.7	
15	3105 - Mixed Upland Herbaceous	2.3	
16	6229 - Mixed lowland shrub	84.9	
18	3105 - Mixed Upland Herbaceous	1.3	
19	6233 - Wet Meadow	2.0	
26	6229 - Mixed lowland shrub	32.8	
30	6239 - Mixed Emergent Wetland	7.0	New stand added.
31	50 - Water	2.0	
32	6229 - Mixed lowland shrub	120.7	
33	50 - Water	1.5	
34	3105 - Mixed Upland Herbaceous	3.8	
38	6229 - Mixed lowland shrub	13.6	



Stand	Cover Type	Acres	Gen Cmts:
40	50 - Water	1.2	
44	50 - Water	28.5	
45	6229 - Mixed lowland shrub	25.0	
46	50 - Water	1.2	-Wet (pond)
48	623 - Emergent Wetland	3.3	
50	6229 - Mixed lowland shrub	10.2	
54	6239 - Mixed Emergent Wetland	139.9	
56	122 - Road/Parking Lot	5.5	
58	50 - Water	3.9	
64	6220 - Alder/willow	4.5	



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.

Inventory Method: IFMAP

Stand	SCA Type	SCA Name	Acres	Comments
60	SCA Removal	SCA Removal- No Unique Features	389.5	-stands are poor representations of old growth- remove SCA designations -no unique features identified -reasoning for removal- stands or sites may be older through lack of timber harvesting activities, however, fluctuations in seasonal wetness and poor site quality are limiting vegetation from reaching or creating old growth forest conditions
37	Unique Site - SCA	SCA- Riparian Corridor	207.4	-maintain as SCA for riparian corridor protection/buffer -stands adjacent or within 300ft of the Black River contain the spawning and migration riparian corridors for lake sturgeon -no proposed treatments are to occur within the 300 feet of Black River to maintain these corridors



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.
SCA	Potential Old Growth Areas	This category contains stands were identified for a broad range of reasons and were coded in the OI database as stand condition 8 as potential old growth (POG). Approximately 310,000 acres have been identified through the Operations Inventory (OI)/Compartment Review process. For stands in Year of Entry 2008 and forward, potential old growth is managed for the identified objective until it is: 1) vetted through the Biodiversity Conservation Planning Process (BCPP) and given a specific designation and objective (as an ERA, HCVA, or other type of SCA) and is released from the potential old growth designation; or 2) it is released from the potential old growth designation via the Compartment Review process.