



Compartment Review Presentation

Gaylord Forest Management Unit

Compartment 133

Entry Year 2015

Acreage: 1,549

County Emmet

Management Area: Mackinaw Lake Plain

Revision Date: 05/22/2013

Stand Examiner: Don Stacks

Legal Description:

T38N R04W Sections 22, 25, 26, 35, 36.

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:

Mostly Tawas and Carbondale mucks, and East Lake sandy loams on flat topography.

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

Various residential homes and small, family farms are found around the compartment boundary.

Unique Natural Features:

Bald eagles have nested in the past within compartment boundary and to e/se, ne, . Common loon w of section 26 and to se, e, e/ne, ne, and nw. Grasshopper sparrow to e/se. Woodland vole to s. Red-shouldered hawk to se, e/se, e/ne, and nw. Osprey to nw. Three-horned moth to e. Grizzled skipper to e. Migrant loggerhead shrike to nw. Hungerford's crawling water beetle to nw. Vasey's rush to e/ne. Torrey's bulrush to ne. Potential for bald eagle, osprey, and great blue heron rookery. Potential for ram's head lady's-slipper, limestone oak fern, round-leaved orchis, and calypso orchid in cedar swamps.

Archeological, Historical, and Cultural Features:

None listed.

Special Management Designations or Considerations:

None listed.

Watershed and Fisheries Considerations:

Part of this compartment is in CLMMU, southwest of Paradise Lake. The portion within NLHMU is in the East Branch Maple River watershed, and is part of a large wetland complex contiguous with Douglas Lake. Prescribed management actions are appropriate for protection of this water body. Sherrett Lake and Lost Lake are both located within this compartment. Both of these lakes are small lakes that would be significantly impacted through the loss of riparian vegetation, so the appropriate BMP's should be followed.

Wildlife Habitat Considerations:

This compartment contains mostly lowland habitat associated with the Levering swamp and associated wetlands of creeks draining into Lake Paradise. These lowland complex's support black bear, white-tailed deer, various furbearers and amphibians. One small area of lowland deciduous are going to be treated to provide some early successional habitat that benefits American woodcock, grouse and white-tailed deer.

Mineral Resource and Development Concerns and/or Restrictions

Surface sediments consist of coarse-textured glacial till (uplands) and lacustrine (lake) sand and gravel and peat and muck. 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 the uplands have good gravel 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:

Access to the north block of the compartment can be obtained from US-31 and several county roads. The larger southern portion of the compartment is surrounded by private property, except on the south side, where there is access from Levering Rd. through state-owned land in the adjacent compartment.

Survey Needs:

Possibly 1/2 to 1 mile.

Recreational Facilities and Opportunities:

One mile of the Northwestern State Snowmobile Trail runs through section 22. Hunting and fishing opportunities are available.

Fire Protection:

The Pellston Field Office is located about 7 miles south on US-31. The Carp Lake VFD is located about 1 mile to the north.

Additional Compartment Information:

The southern block of Compartment 133 is locally known as the Levering Swamp, a very dense conifer swamp. The northern portion of the compartment is also mostly made up of poorly drained soils.

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**

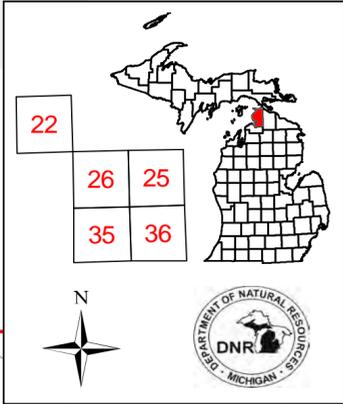
The following information is displayed, where pertinent, on the attached compartment maps:

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

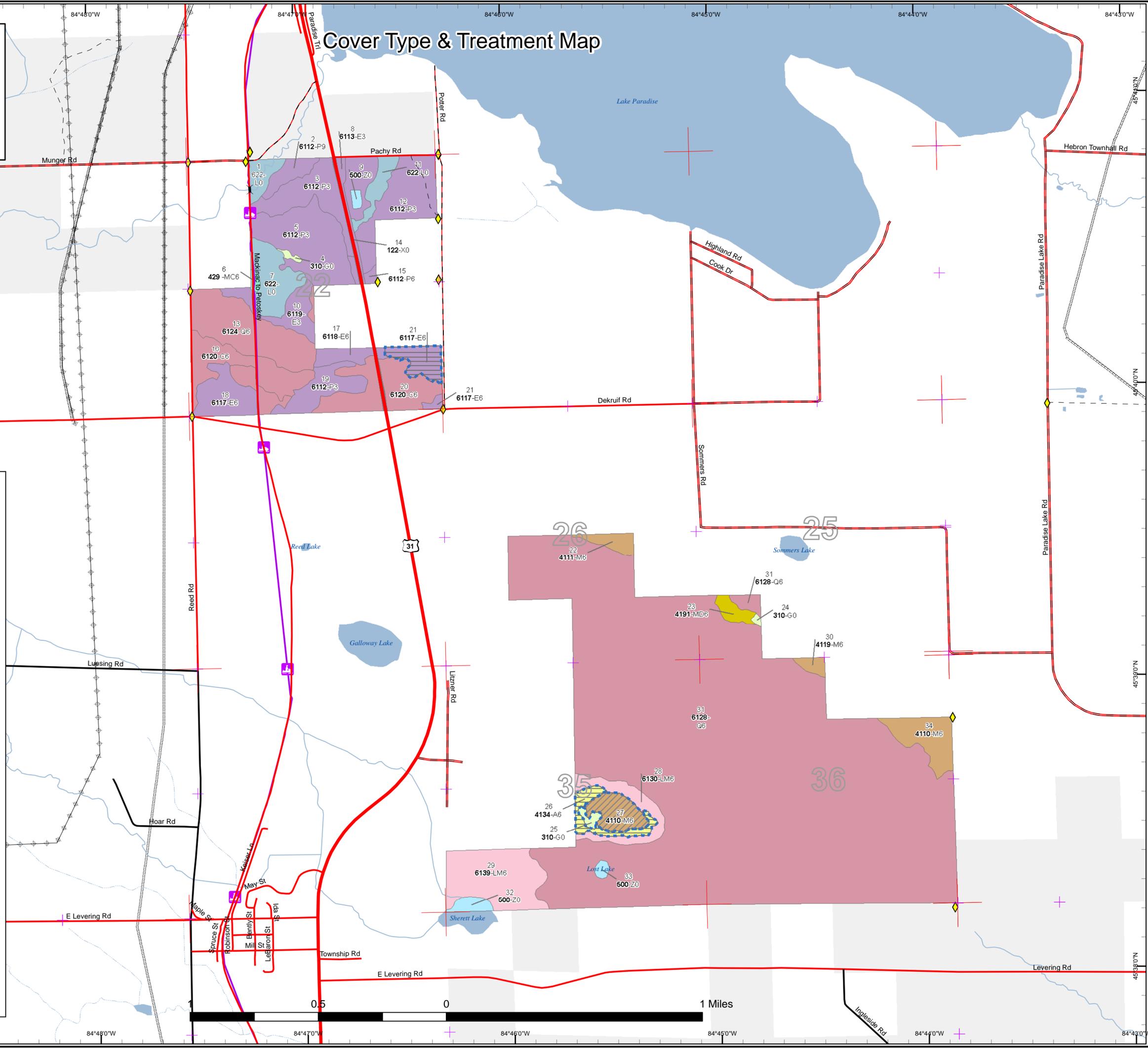
Cover Type & Treatment Map

Compartment: 133
 T38N R04W Sec. 22, 25, 26, 35, 36
 County: Emmet
 Unit: Gaylord
 YOE: 2015
 Acres: 1,549 GIS Calculated
 Examiner: Don Stacks
 Map Revised: 04/08/2014
 Map Phase: Post-Review

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



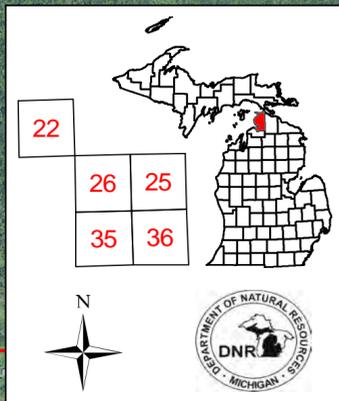
- Legend**
- ✚ Remonumented Section Corners
 - Miris Corners
 - ◆ PLSS Corner
 - Bridges
 - Snowmobile Trails
 - Highway
 - County Paved Roads
 - Paved Roads
 - County Gravel Roads
 - Gravel Roads
 - Poor Dirt Roads
 - County Poor Dirt Roads
 - Trail (Non-Recreation)
 - Closed Roads
 - Pipeline
 - Powerline
 - Snowmobile Trail
 - Stream
 - Intermittent Stream
 - Lakes and Rivers
 - State Forest Land
- Treatments**
- Clearcut (w/Reserves, Patch/Strip)
 - Thinning (Crown, Low, Systematic)
 - Treatments w/ Site Condition
- Forest Stands**
- Level 3
- 411 - Northern Hardwood
 - 413 - Aspen Types
 - 419 - Mixed Upland Deciduous
 - 429 - Mixed 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



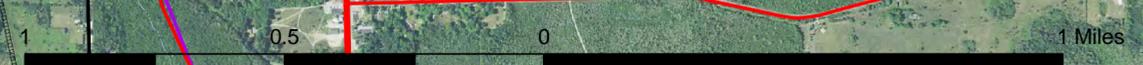
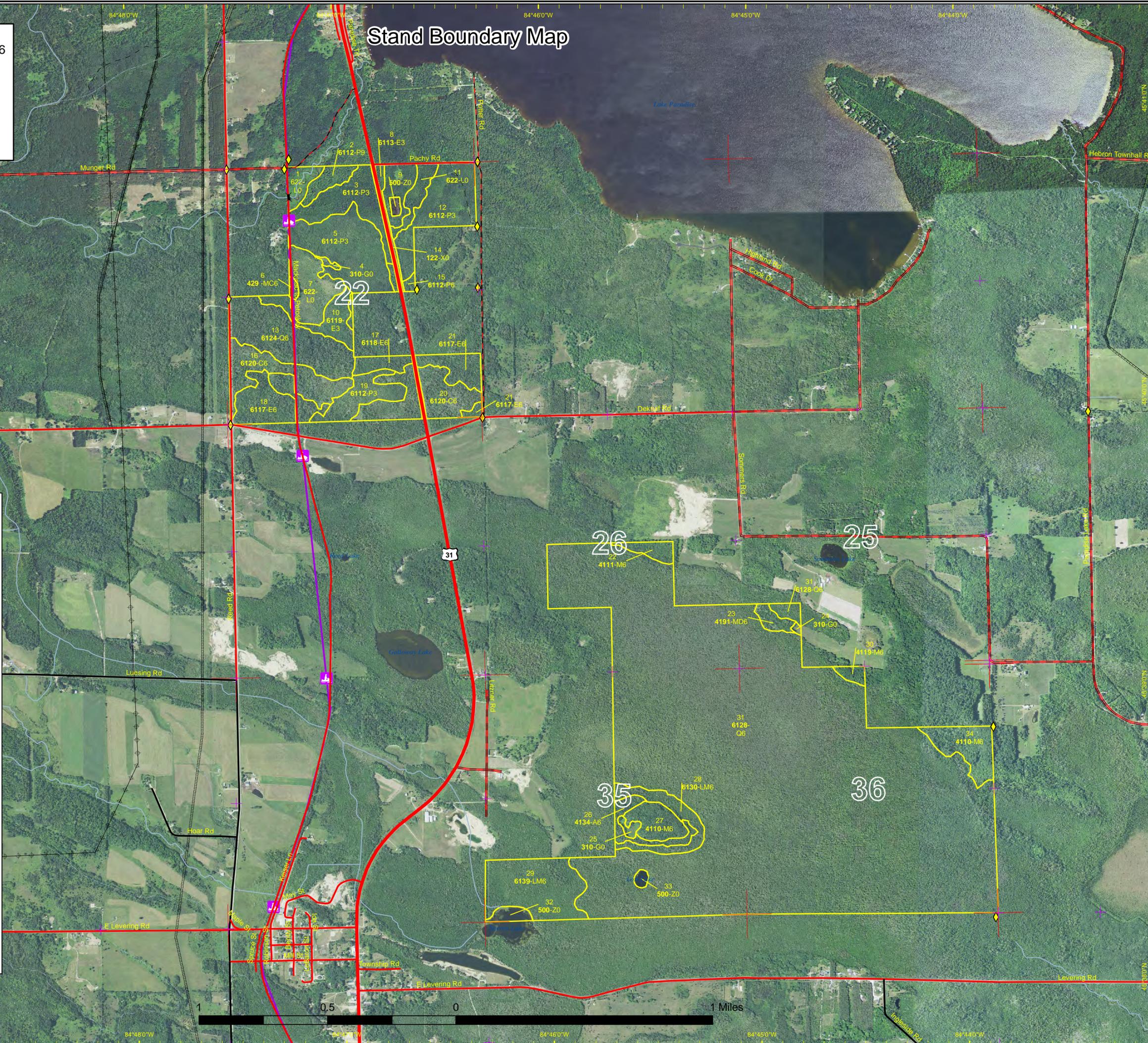
Stand Boundary Map

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 T38N R04W Sec. 22, 25, 26, 35, 36
 County: Emmet
 Unit: Gaylord
 YO: 2015
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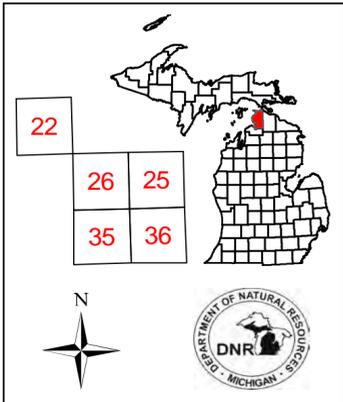
- Legend**
- + Remonumented Section Corners
 - + Miris Corners
 - ◆ PLSS Corner
 - X Bridges
 - Snowmobile Trails
 - Highway
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 - Paved Roads
 - County Gravel Roads
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Special Conservation Areas & Site Conditions Map

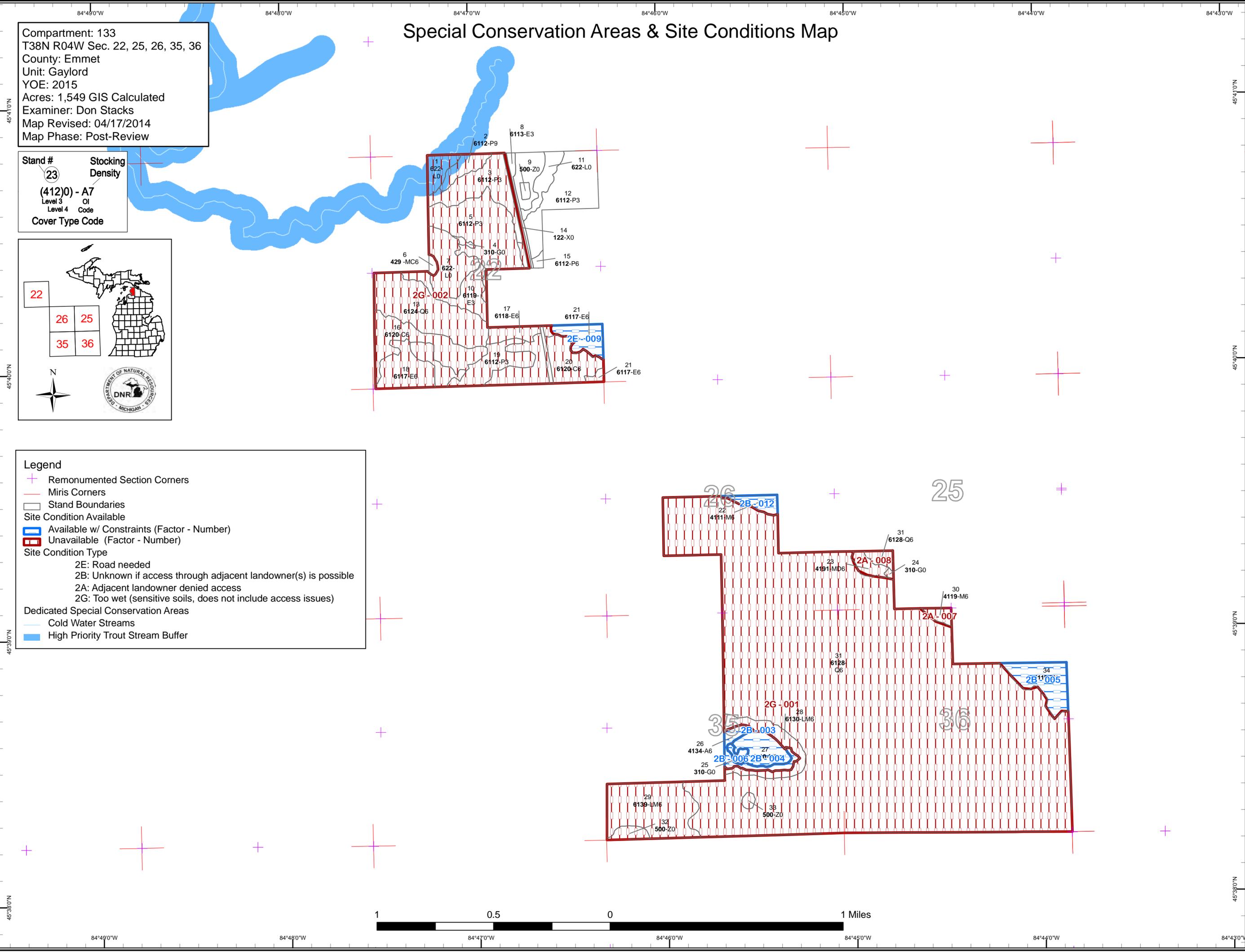
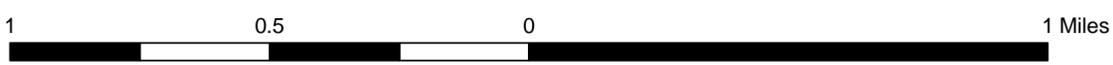
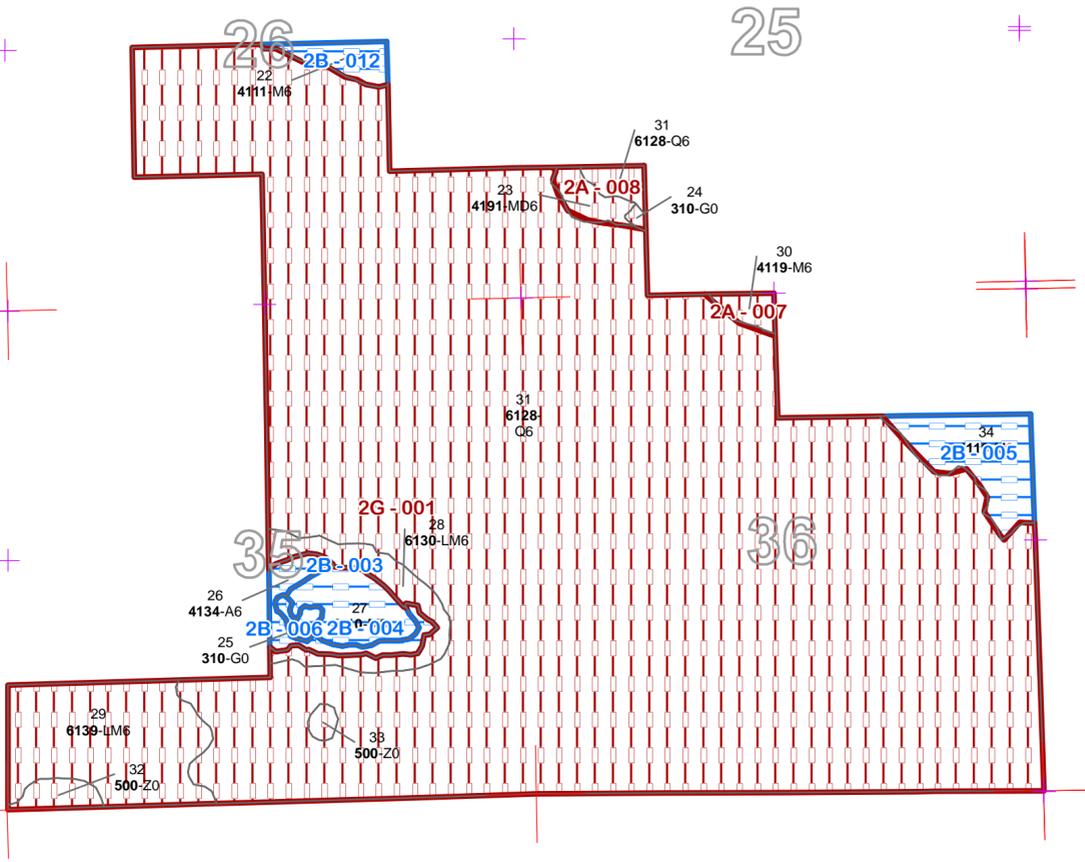
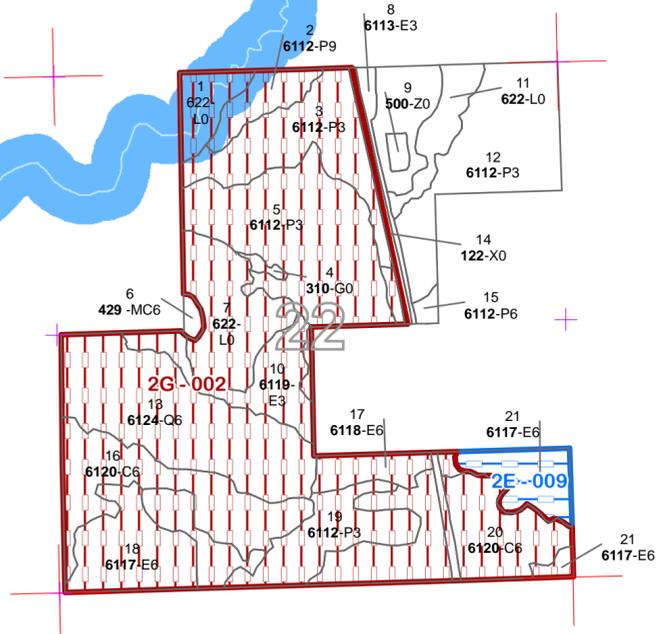
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 Examiner: Don Stacks
 Map Revised: 04/17/2014
 Map Phase: Post-Review

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 Level 4 Code
 Cover Type Code



Legend

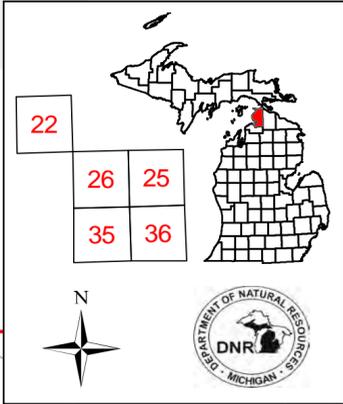
- + Remonumented Section Corners
- Miris Corners
- Stand Boundaries
- Site Condition Available
- Available w/ Constraints (Factor - Number)
- Unavailable (Factor - Number)
- Site Condition Type
- 2E: Road needed
- 2B: Unknown if access through adjacent landowner(s) is possible
- 2A: Adjacent landowner denied access
- 2G: Too wet (sensitive soils, does not include access issues)
- Dedicated Special Conservation Areas
- Cold Water Streams
- High Priority Trout Stream Buffer



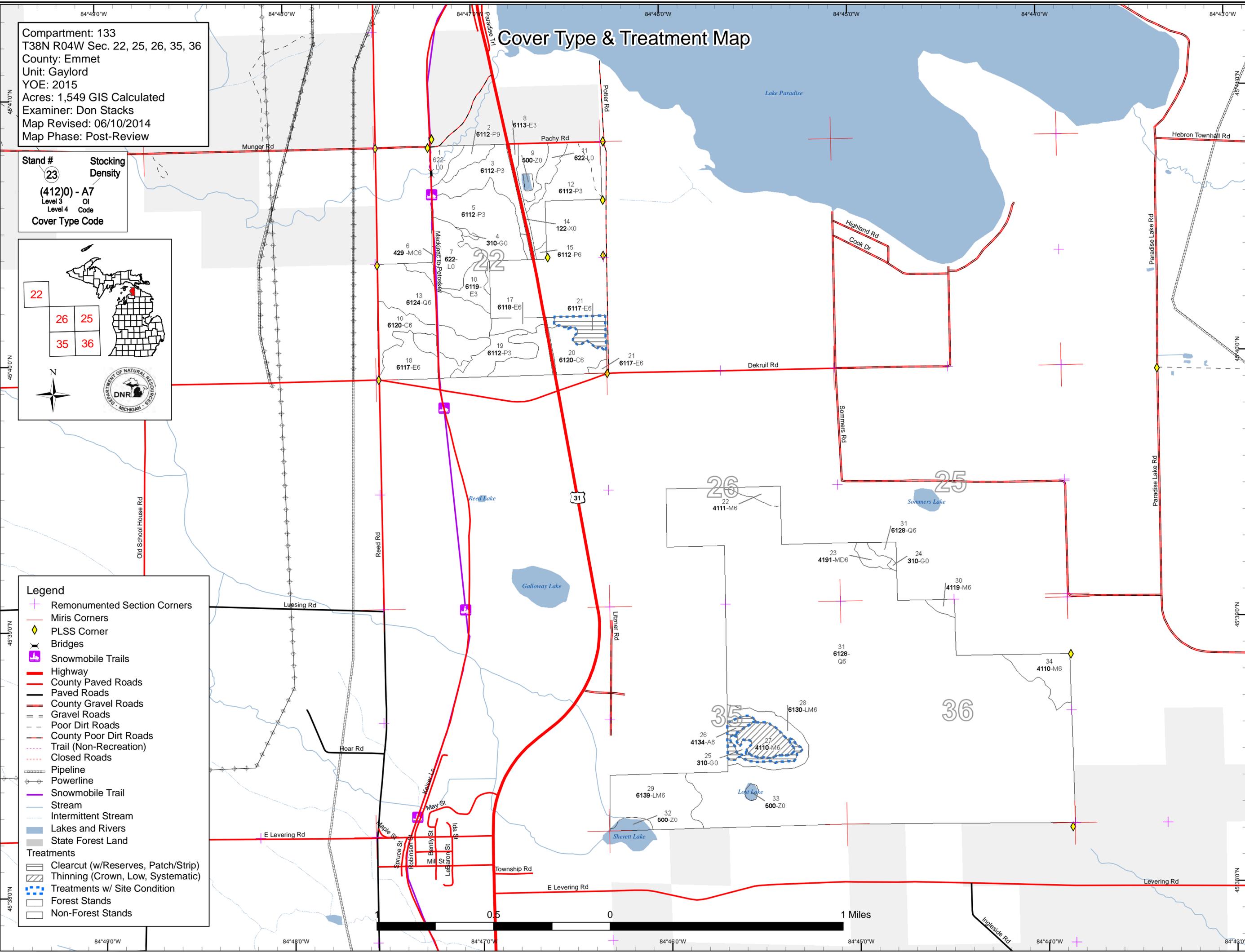
Cover Type & Treatment Map

Compartment: 133
 T38N R04W Sec. 22, 25, 26, 35, 36
 County: Emmet
 Unit: Gaylord
 YOE: 2015
 Acres: 1,549 GIS Calculated
 Examiner: Don Stacks
 Map Revised: 06/10/2014
 Map Phase: Post-Review

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



- Legend**
- ✚ Remonumented Section Corners
 - ✚ Miris Corners
 - ◆ PLSS Corner
 - ⌵ Bridges
 - 🚙 Snowmobile Trails
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 - 🌊 Intermittent Stream
 - 🌊 Lakes and Rivers
 - 🌲 State Forest Land
 - 🌲 Clearcut (w/Reserves, Patch/Strip)
 - 🌲 Thinning (Crown, Low, Systematic)
 - 🌲 Treatments w/ Site Condition
 - 🌲 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	0	0	0	0	0	0	11	0	0	0	0	0	0	11
Cedar	0	0	0	0	0	0	0	0	0	0	0	0	73	0	73
Herbaceous Openland	4	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Lowland Aspen/Balsam Poplar	0	53	73	30	0	0	3	0	9	0	0	0	0	0	168
Lowland Conifers	0	0	0	0	0	0	0	0	65	0	969	0	0	0	1033
Lowland Deciduous	0	0	0	22	0	0	25	23	0	0	0	0	0	0	69
Lowland Mixed Forest	0	0	0	0	0	0	71	0	0	0	0	0	0	0	71
Lowland Shrub	45	0	0	0	0	0	0	0	0	0	0	0	0	0	45
Mixed Upland Deciduous	0	0	0	0	0	6	0	0	0	0	0	0	0	0	6
Northern Hardwood	0	0	0	0	0	0	0	28	16	0	7	0	0	0	52
Upland Conifers	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2
Urban	7	0	0	0	0	0	0	0	0	0	0	0	0	0	7
Water	9	0	0	0	0	0	0	0	0	0	0	0	0	0	9
Total	65	53	73	51	0	6	99	61	90	2	976	0	73	0	1549



Report 2 – Proposed Treatment Summaries

Gaylord Mgt. Unit
Year of Entry 2015

Compartment 133
Total Compartment Acres: 1,549

Acres by Treatment Type

Commercial Harvest - 40	Tree Planting - 0	Other - 0
Habitat Cut - 0	Opening Maintenance - 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 Types	11	0	0	0	0	0	11
Lowland Deciduous Forest	13	0	0	0	0	0	13
Northern Hardwood	0	0	0	0	16	0	16
Total	24	0	0	0	16	0	40



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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
Comments:

Next
Steps:

Proposed
Start Date: #Type!

**Total Treatment
Acreage Proposed: 0.0**



Stand	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
21	52133021- CCut	13.4	6117 - Lowland Deciduous, Mixed Coniferous	High Density Pole	66	81-110	Harvest	Clearcut	6117 - Lowland Deciduous, Mixed Coniferous	Fld. Tr. Bdy. - Incomplete
<p><u>Prescription</u> Harvest operations should occur from January to the middle of March to protect wet soils from excessive rutting. Also, if the stand is dry enough in July or August, harvest operations could possibly take place then. Monitor soil conditions during harvest. Potter Rd. (seasonal county) will have to be improved to allow trucks and equipment to access the sale area. Another option would be to gain access and deck wood on the private property to the east of the sale area with permission from the landowner, where slightly higher ground is located. With the stand consisting of smaller acreage, no uncut retention islands will be left. Species to be left unharvested will include hemlock, white pine, and cedar, all of which are minimal and scattered.</p> <p><u>Other</u> Mature and overmature mixed aspen sawlogs and balsam fir poletimber with lesser amounts of red maple, cedar, black ash, and paper birch.</p> <p><u>Comment:</u> Slightly higher ground along the east third of the stand, lower ground along the western edge where standing water can be found. Stand converting to balsam fir without treatment.</p> <p><u>Next</u> Monitor regen. Acceptable regen species will include a mix of aspen, northern hardwoods, and mixed conifers.</p> <p><u>Steps:</u></p> <p><u>Proposed</u></p> <p><u>Start Date:</u> 10/01/2014</p> <p><u>Limiting Factor</u> 2E: Road needed</p>										

26	52133026- CCut	10.6	4134 - Aspen, Spruce/Fir	High Density Pole	71	81-110	Harvest	Clearcut	4139 - Aspen, Mixed Deciduous	Fld. Tr. Bdy. - Incomplete
<p><u>Prescription</u> As with the adjacent hardwood stand, this stand will require the permission of the adjacent landowner to allow equipment to access this stand.</p> <p><u>Specs:</u> Harvest would have to take place during the winter months(possibly limited to just January and February), to allow wood to be skidded out of swamp and to a landing in the private field to the west. These skid distances will be between 1/2 and 3/4 mile. Smaller acreage will result in lower timber volumes. No uncut retention islands will be needed because stand is very narrow. Uncut species will include any incidental hemlock, oak, white pine, or cedar.</p> <p><u>Other</u> Stand is a narrow strip located on slightly higher ground between the upland hardwoods and the conifer swamp, consisting of mixed aspen (mostly sawtimber), balsam fir, paper birch, red maple, cedar, and black spruce poletimber with occasional sawlogs present.</p> <p><u>Comment:</u></p> <p><u>Next</u> If landowner allows access and harvest does take place, monitor regen. Acceptable regen species will consist of a mix of aspen, northern hardwood, and mixed conifers.</p> <p><u>Steps:</u></p> <p><u>Proposed</u></p> <p><u>Start Date:</u> 10/01/2014</p> <p><u>Limiting Factor</u> 2B: Unknown if access through adjacent landowner(s) is possible</p>										

27	52133027- THIN	16.4	4110 - Sugar Maple Association	High Density Pole	81	111- 140	Harvest	Crown Thinning	4110 - Sugar Maple Association	Fld. Tr. Bdy. - Incomplete
<p><u>Prescription</u> Will require landowner permission to access stand. With wet fields and swamp present, this will need to be a winter harvest only. This will also require forwarding wood about 1/2 to 3/4 mile and freezing down a skid road. Adjacent aspen/red maple/ balsam fir around the edge of the hardwood will also be clearcut at the same time. Stand was thinned during winter of 1987 - 1988. Smaller acreage will result in lower harvested volume.</p> <p><u>Specs:</u></p> <p><u>Other</u> Stand is an island of upland northern hardwood, mostly sugar maple poletimber/sawtimber, surrounded by very wet conifer swamp. Fairly nice quality, although smaller stand acreage.</p> <p><u>Comment:</u></p> <p><u>Next</u> Reevaluate next Y.O.E.</p> <p><u>Steps:</u></p> <p><u>Proposed</u></p> <p><u>Start Date:</u> 10/01/2014</p> <p><u>Limiting Factor</u> 2B: Unknown if access through adjacent landowner(s) is possible</p>										

**Total Treatment
Acreage Proposed: 40.4**

Report 5 – Site Conditions

Gaylord Mgt. Unit
Don Stacks : Examiner

Compartment 133
Year of Entry 2015

Availability for Management

Total Acres	Acres		Dominant Site Conditions	No	2G	2E	2B	2A
	Available	Not Available						
11	11		Aspen				11	
73		73	Cedar		73			
168	55	113	Lowland Aspen/Balsam Poplar	55	113			
1033	0	1033	Lowland Conifers		1,028		0	5
69	17	52	Lowland Deciduous	4	52	13		
71		71	Lowland Mixed Forest		71			
6		6	Mixed Upland Deciduous		0			6
51	40	12	Northern Hardwood		8		40	4
2	2		Upland Conifers	2				
1,483	124	1,359	Total Forested Acres	60	1,344	13	50	15
	8%	92%	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)	1,042				
Comments:							
002	Not Available	2G: Too wet (sensitive soils, does not include access issues)	342				
Comments:							
003	Available	2B: Unknown if access through adjacent landowner(s) is possible	11				
Comments:							

Report 5 – Site Conditions

Gaylord Mgt. Unit
Don Stacks : Examiner

Compartment 133
Year of Entry 2015

004	Available	2B: Unknown if access through adjacent landowner(s) is possible	16	
Comments:				
005	Available	2B: Unknown if access through adjacent landowner(s) is possible	24	
Comments:				
006	Available	2B: Unknown if access through adjacent landowner(s) is possible	3	
Comments:				
007	Not Available	2A: Adjacent landowner denied access	4	
Comments:				
008	Not Available	2A: Adjacent landowner denied access	11	
Comments:				
009	Available	2E: Road needed	13	
Comments:				

Report 5 – Site Conditions

Gaylord Mgt. Unit
Don Stacks : Examiner

Compartment 133
Year of Entry 2015

012	Available	2B: Unknown if access through adjacent landowner(s) is possible	8
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Comments:



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
Comments				

**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	Archaeological Site	An aquatic or terrestrial area of the State that contains physical remains of human occupation. These are sites of cultural and historical significance that may occur upon terrestrial areas and Great Lakes bottomlands. They include thousands of Native American settlements and burial sites, as well as French and British outposts, nineteenth century logging camps, mines and homesteads. Beneath the waters of the Great Lakes, there are shipwrecks and other remains documenting the maritime trade. Such sites may be identified by Natural heritage data from the State Historic Preservation Office. Proposed treatments in this compartment will be implemented in such a manner as to maintain the integrity of these sites. Due to the sensitive nature of this information, no further detail about location is available.
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	Riparian Area	A transitional area between aquatic and terrestrial ecosystems in which the terrestrial ecosystem influences the aquatic ecosystem and vice-versa. Because of the unique conditions adjacent to lakes, streams and open water wetlands, riparian areas harbor a high diversity of plants and wildlife. Riparian communities are ecologically and socially significant in their effects on water quality and quantity, as well as aesthetics, habitat, bank stability, timber production, and their contribution to overall biodiversity.



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
2	6112 - Lowland Aspen	High Density Log	9.2	84	51-80	Stand consists of mostly mature and overmature mixed aspen with lesser amounts of red maple, balsam fir, and paper birch poletimber/sawtimber.
3	6112 - Lowland Aspen	High Density Sapling	29.8	34		Stand consists of a mix of quaking aspen, balsam poplar, red maple, black ash, paper birch, and balsam fir saplings and small poletimber from 1980 final harvest, adjacent to US 31, on a wet site. Heavy tag alder component in understory.
5	6112 - Lowland Aspen	High Density Sapling	52.0	25		Mix of lowland deciduous species on a very wet site from 1989 final harvest. Fairly high stem density at present.
6	429 - Mixed Upland Conifers	High Density Pole	1.7	91	1-50	Small stand of mostly white spruce poletimber/sawtimber on slightly higher ground, adjacent to the snowmobile trail. White pine, balsam fir, red maple, quaking aspen, and paper birch poletimber/sawtimber also present.
8	6113 - Lowland Maple	High Density Sapling	3.9	31		A small narrow uncut buffer between the ditch along U.S.-31 and the aspen final harvest to the east. Mostly red maple and black ash saps and small poletimber, and tag alder along on wet ground.
10	6119 - Mixed Lowland Deciduous Forest	High Density Sapling	17.6	31		Stand consists of a mix of black ash, red maple, balsam poplar, quaking aspen, paper birch, and tag alder saplings and small poletimber on a very wet site.
12	6112 - Lowland Aspen	High Density Sapling	53.1	18		Mixed aspen regen from 1996 final harvest, on wet soil. Also red maple and paper birch regen and scattered balsam fir poletimber and saps.
13	6124 - Lowland Spruce- Fir	High Density Pole	64.5	81	81-110	Mix of swamp conifers/deciduous poletimber/sawtimber on wet site.
15	6112 - Lowland Aspen	High Density Pole	3.2	64	81-110	Stand consists of mixed aspen, red maple, balsam fir, and paper birch poletimber/sawtimber that serves as a buffer between final harvest from 1996, highway, and private residence on east side of highway. The stand also serves as a buffer to the highway from the final harvest on the west side of the highway in 1989.
16	6120 - Lowland Cedar	High Density Pole	32.7	121	111-140	Mixed lowland conifers with cedar being the dominant component, on very wet stand.
17	6118 - Lowland Deciduous with Cedar	High Density Pole	8.4	61	81-110	Stand consists of mostly overmature quaking aspen and balsam poplar, with lesser amounts of red maple, balsam fir, and cedar. Very wet site with standing water throughout stand.



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
18	6117 - Lowland Deciduous, Mixed Coniferous	High Density Pole	22.7	76	51-80	Stand is a mix of red maple, paper birch, balsam fir, and quaking aspen poletimber/sawtimber on a very wet site. Most of the aspen has fallen out of the stand already with scattered overmature sawtimber still standing, and a few scattered clones of smaller diameter poletimber. There is a significant component of dead and dying black ash, with lots of ash regen in the 3-5 ft. size, as well as older regen in the 10-20' category. Scattered cedar is also present in various sizes. Stand is adjacent to county road and snowmobile trail.
19	6112 - Lowland Aspen	High Density Sapling	20.6	24		Stand is a mix of quaking aspen, red maple, paper birch, balsam fir, and cedar saplings and small poletimber on a wet site. Stand is believed to have originated as a small habitat cut, but no cutting records exist at this time.
20	6120 - Lowland Cedar	High Density Pole	39.9	121	51-80	Stand consists of mostly cedar poletimber/sawtimber with lesser amounts of scattered balsam fir, red maple, poletimber. Most of the quaking aspen and paper birch has died, but there are still scattered live trees standing. Standing water present.
21	6117 - Lowland Deciduous, Mixed Coniferous	High Density Pole	16.4	66	81-110	Mature and overmature mixed aspen sawlogs and balsam fir poletimber with lesser amounts of red maple, cedar, black ash, and paper birch. Slightly higher ground along the east third of the stand, lower ground along the western edge where standing water can be found. Stand converting to balsam fir without treatment.
22	4111 - S.Maple, Hard Mast Association	High Density Pole	7.5	101	81-110	Stand consists of a mix of northern hardwood, mostly sugar maple poletimber, with a fair amount of small sawtimber. Slightly lower stocking densities at present time. Scattered aspen also present.
23	4191 - Mixed Upland Deciduous with Conifer	High Density Pole	6.2	59	81-110	Stand is located along a slightly higher ridge than the adjacent swamp that runs onto private property to the north and east. Small acreage mix of quaking aspen sawtimber with red maple, paper birch, sugar maple, basswood, and balsam fir poletimber/sawtimber. Scattered cedar poletimber also present. Heavy advanced balsam fir regen in understory.
26	4134 - Aspen, Spruce/Fir	High Density Pole	10.6	71	81-110	Stand is a narrow strip located on slightly higher ground between the upland hardwoods and the conifer swamp, consisting of mixed aspen (mostly sawtimber), balsam fir, paper birch, red maple, cedar, and black spruce poletimber with occasional sawlogs present.
27	4110 - Sugar Maple Association	High Density Pole	16.4	81	111-140	Stand is an island of upland northern hardwood, mostly sugar maple poletimber/sawtimber, surrounded by very wet conifer swamp. Fairly nice quality, although smaller stand acreage.
28	6130 - Fir, Aspen, Maple	High Density Pole	19.1	61	51-80	Lowland conifers, mostly balsam fir, with overmature quaking aspen present. Scattered paper birch and red maple poletimber also.
29	6139 - Mixed Lowland Forest	High Density Pole	51.5	61	51-80	Mixed lowland deciduous and swamp conifers. Standing water. Difficult access.

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Gaylord Mgt. Unit

Report 8 – Forested Stands

Compartment: 133
Year of Entry: 2015

	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
30	4119 - Mixed Northern Hardwoods	High Density Pole	4.0	71	81-110	Small stand of mostly lower-stocked sugar maple poletimber. Scattered paper birch and overmature BTA also present.
31	6128 - Lowland Coniferous, Mixed Deciduous	High Density Pole	968.9	106	111-140	Levering Swamp. Mixed swamp species.
34	4110 - Sugar Maple Association	High Density Pole	23.7	71	81-110	Stand consists of mostly sugar maple poletimber with scattered paper birch, basswood, white ash poletimber/sawtimber. Also sparse quaking aspen sawtimber.



Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
1	622 - Lowland Shrub	9.2	No	Unspecified	Tag alder, red osier dogwood, and other lowland shrubs and marsh grass.
4	3102 - Grass	1.2	No	Unspecified	
7	6220 - Alder/willow	25.7	No	Unspecified	Lowland shrubs including tag alder, willow, red osier dogwood, and marshgrass.
9	50 - Water	1.7	No	Unspecified	Borrow pit pond.
11	6220 - Alder/willow	10.2	No	Unspecified	Mostly tag alder with lesser amounts of willow, red osier dogwood, and balsam poplar.
14	122 - Road/Parking Lot	6.7	No	Unspecified	U.S.- 31.
24	3102 - Grass	0.8	No	Unspecified	
25	3105 - Mixed Upland Herbaceous	2.5	No	Unspecified	Upland grass stand with encroaching hardwood, aspen, balsam fir, and white pine saps.
32	50 - Water	5.3	No	Unspecified	Sherett Lake
33	50 - Water	2.0	No	Unspecified	Lost Lake