



Compartment Review Presentation

Gaylord Forest Management Unit

Compartment 52163

Entry Year 2017

Acreage: 2,094

County Cheboygan

Management Area: Mackinaw Lake Plain

Revision Date: 2015-05-19

Stand Examiner: Shannon Harig

Legal Description:

T38N R03W Sections 1,2,3,10,11,12,13,14,15

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:

Soils are primarily Detour-Brevort Association and a small area of Au Gres-Rubicon-Roscommon and Tawas-Lupton Associations. Topography is level throughout most of the compartment.

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

There is a lot of private ownership in and around this compartment, some of it residential. This area is very wet so development is limited.

Unique Natural Features:

Potential for loon and red shouldered hawk.

Archeological, Historical, and Cultural Features:

None

Special Management Designations or Considerations:

Sections 3,10 and 15 are part of the Dingman Marsh Wildlife Area.

Watershed and Fisheries Considerations:

This compartment contains Dingman Marsh Flooding and Malony Lake. BMPs should be applied when working in the marsh. Prescribed management actions are appropriate for protection of these waterbodies.

Wildlife Habitat Considerations:

This compartment provides habitat for a variety of waterfowl and furbearing species, and is a stopover site for migrating birds.

Mineral Resource and Development Concerns and/or Restrictions

Surface sediments consist of lacustrine sand and gravel and a minor amount of dune sand. The glacial drift thickness varies between 100 and 400 feet. The Devonian Detroit River Group and Bois Blanc Formation subcrop below the glacial drift. These formations could be used for stone. There are gravel pits mapped in this vicinity but nothing that can be verified in aerial imagery. There appears to be a lot of clay in this area, which could limit sand and gravel potential. The nearest significant 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 this area.

Vehicle Access:

There is decent access to a lot of this compartment.

Survey Needs:

There may be the need for a mile of private line to be surveyed.

Recreational Facilities and Opportunities:

No developed recreational facilities.

Fire Protection:

Additional Compartment Information:

The following reports from the Inventory are attached:

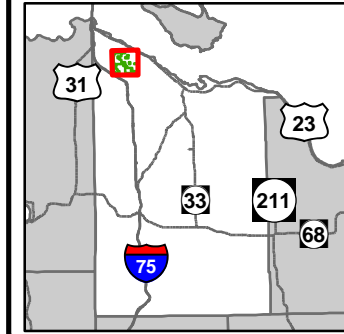
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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

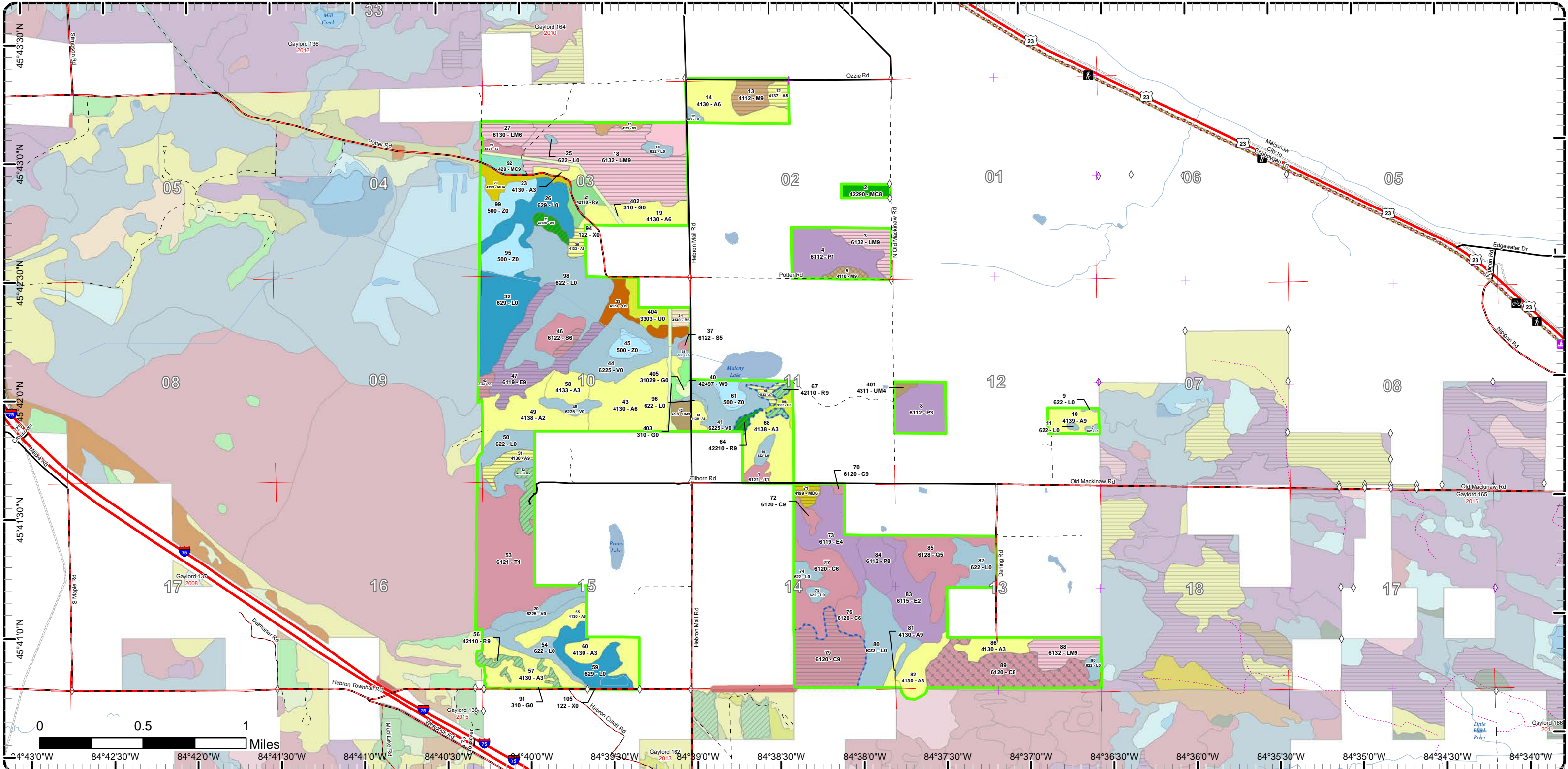
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

Cover Type & Treatments

Compartment: 163
 T38N,R03W, Sec. 1-4, 9-16
 County: Cheboygan
 Unit: Gaylord
 Mgmt Area: Mackinaw Lake Plain
 YOE: 2017
 Acres: 2094 GIS Calculated
 Examiner: Shannon Harig
 Map Revised: 5/21/2015
 Map Phase: Pre-Review

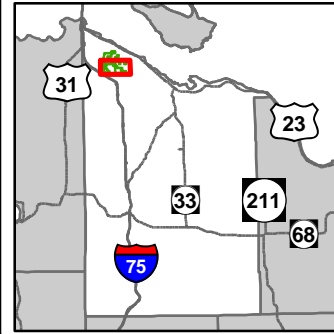


- ✚ Remonumented Section Corners
- ◇ Field Grade GPS Corners
- Miris Corners
- Highway
- Paved Roads
- County Gravel Roads
- Poor Dirt Roads
- County Poor Dirt Roads
- Trail (Non-Recreation)
- 🚲 Bike Trails
- 🚶 Hiking Trails
- 🐎 Horse Trails
- 🚗 Snowmobile Trails
- Hiking Pathways
- Bicycle/Dirt Bike Trails
- Equestrian Trails
- Snowmobile Trails
- Rail to Trails
- Rivers
- Lakes
- Pipeline
- Treatments with Site Conditions
- ▨ Selection (Group, Single Tree)
- ▨ Clearcut (w/Reserves)
- ▨ Salvage
- ▨ Thinning (Crown, Low, Systematic)
- Forest Covertypes**
- 411 - Northern Hardwood
- 412 - Oak Types
- 413 - Aspen
- 414 - Other Upland Deciduous
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 422 - Natural Pines
- 424 - Pine (OI)
- 429 - Mixed Upland Conifers
- 430 - Upland Mixed Fores
- Non-Forest Covertypes**
- 122 - Roads/Parking Lot
- 310 - Herbaceous Openland
- 330 - Low Density Trees
- 500 - Water
- 622 - Lowland Shrub
- 629 - Mixed non-forested wetland
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest

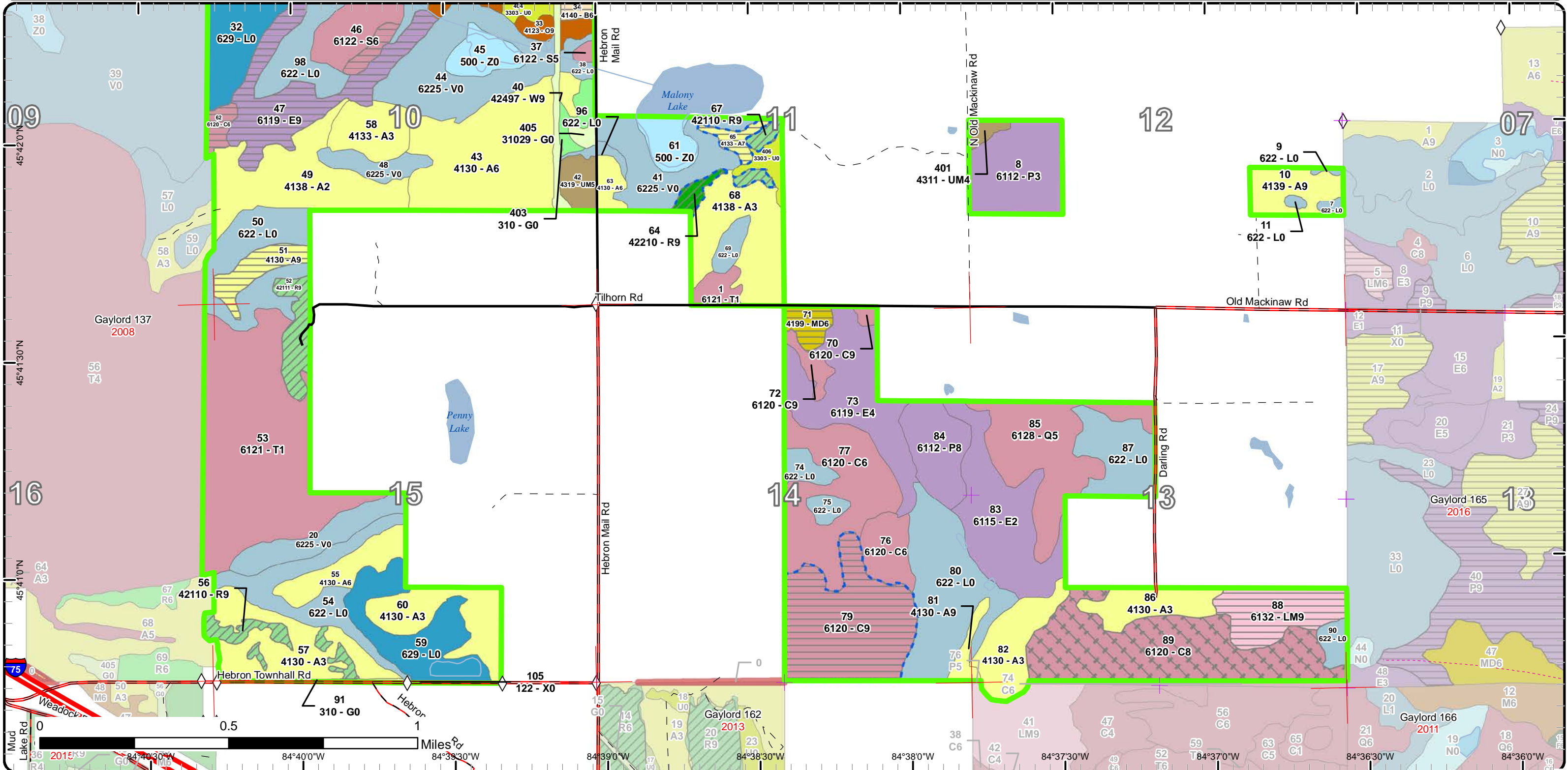


Cover Type & Treatments

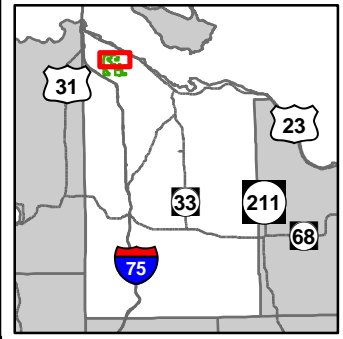
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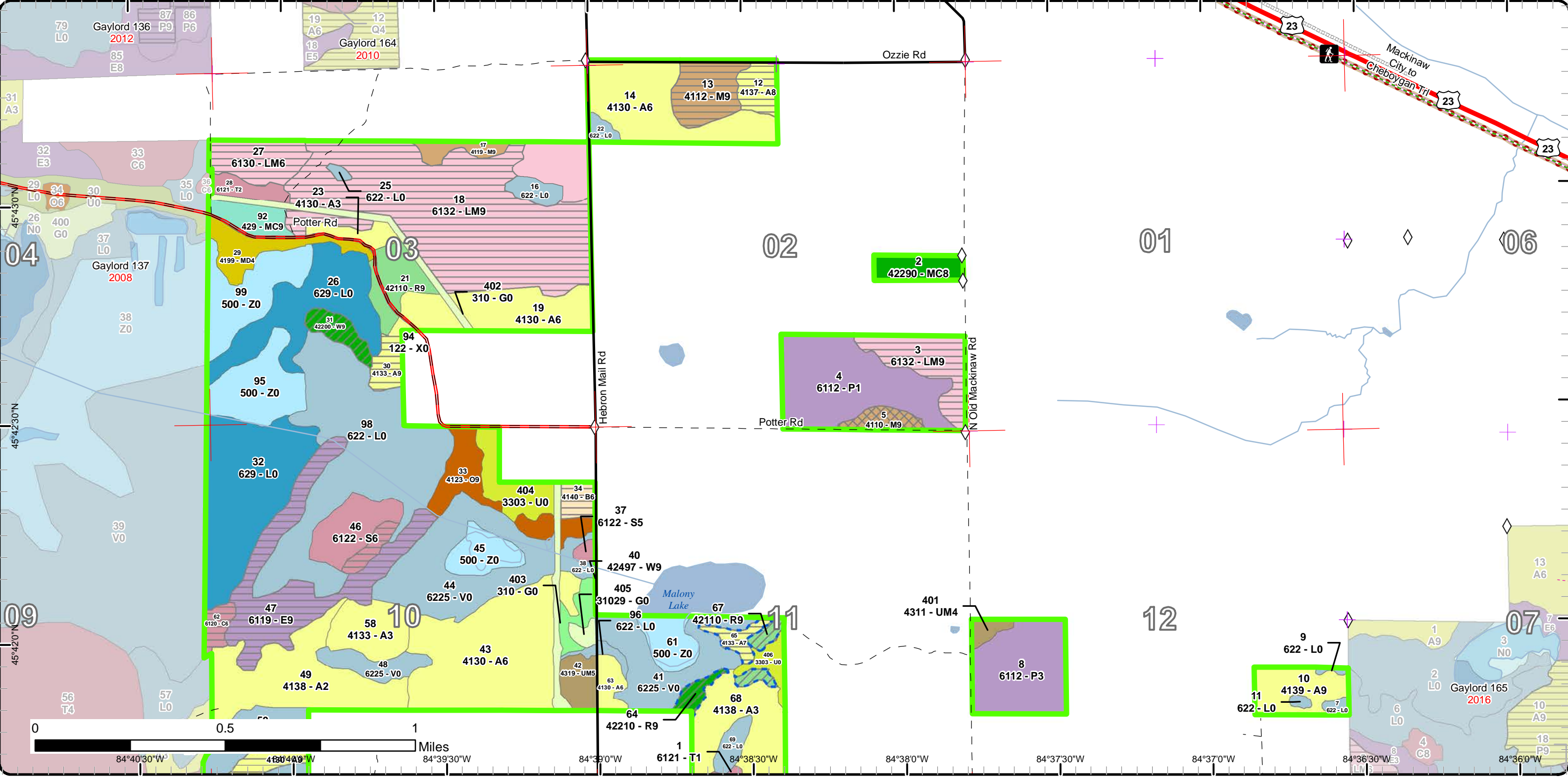
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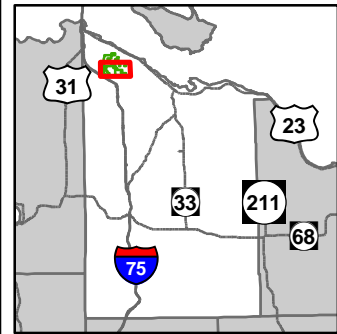
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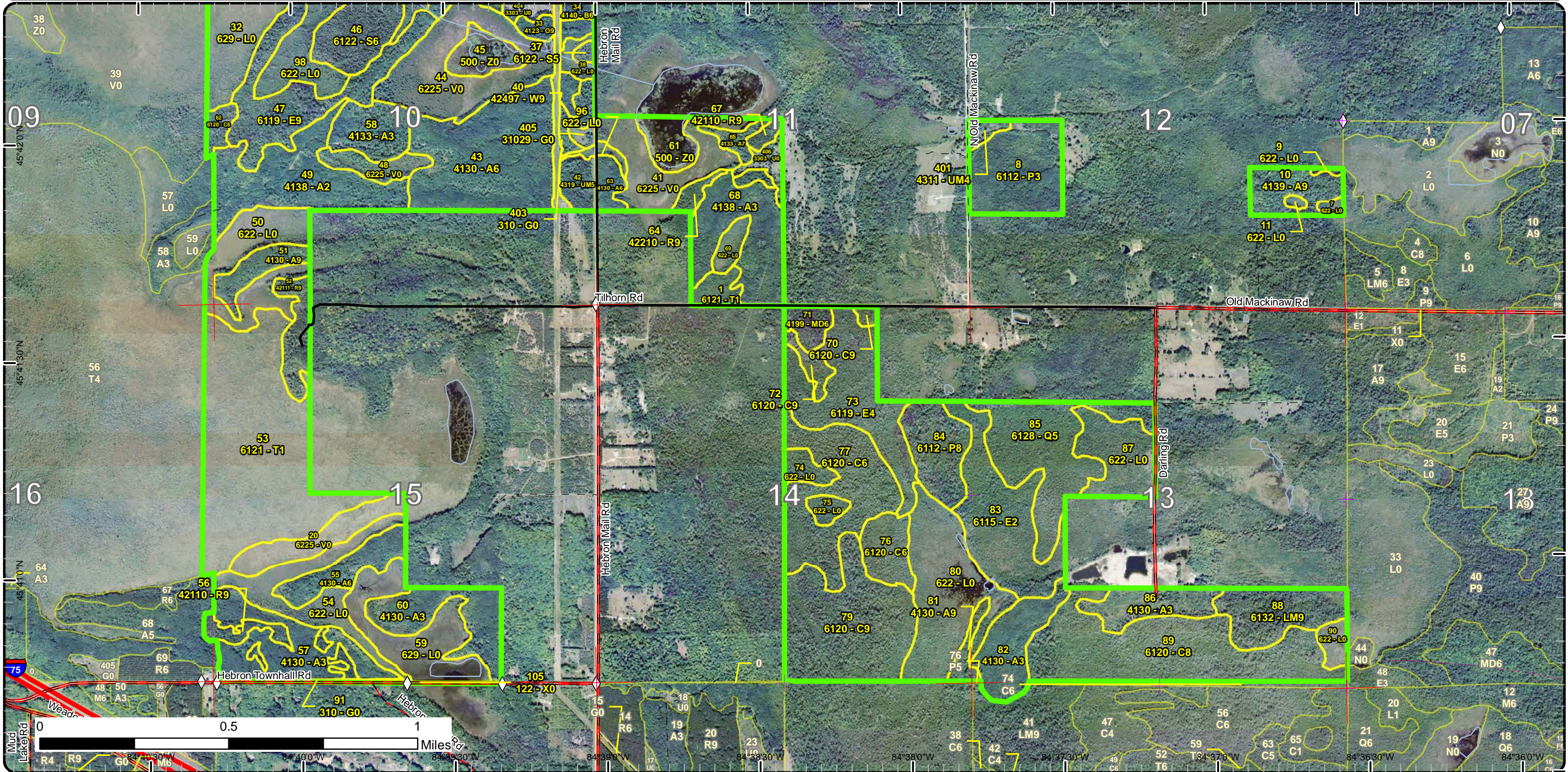


Stand Boundary Map



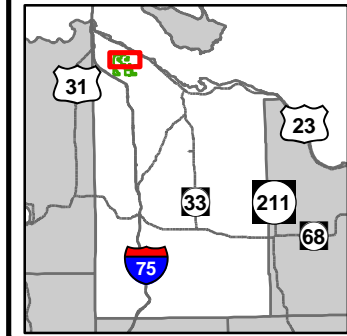
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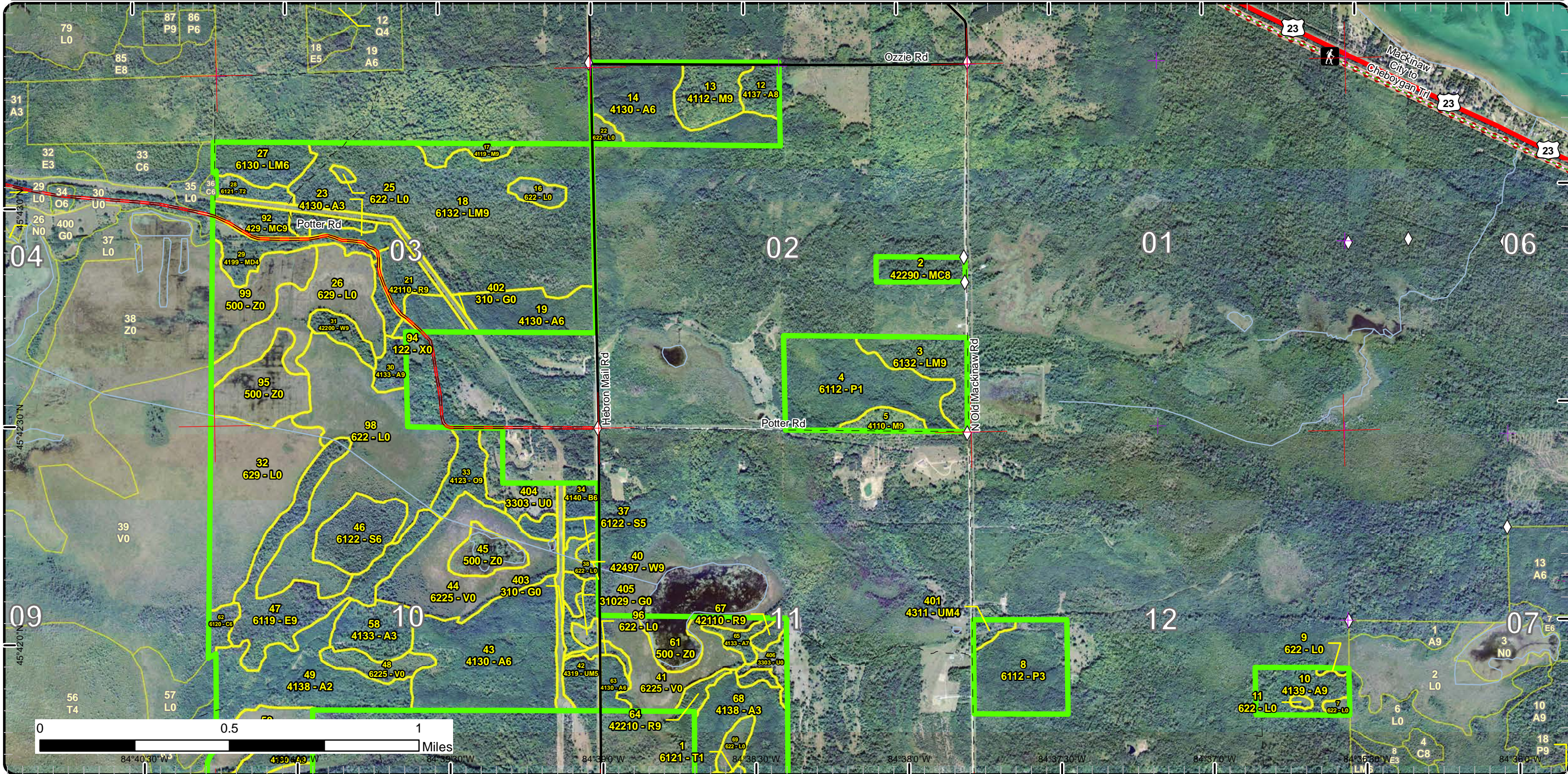


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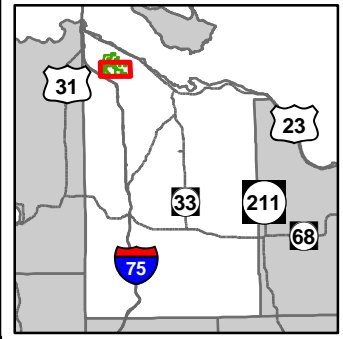


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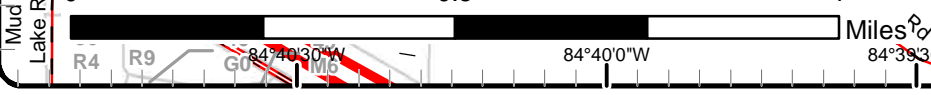
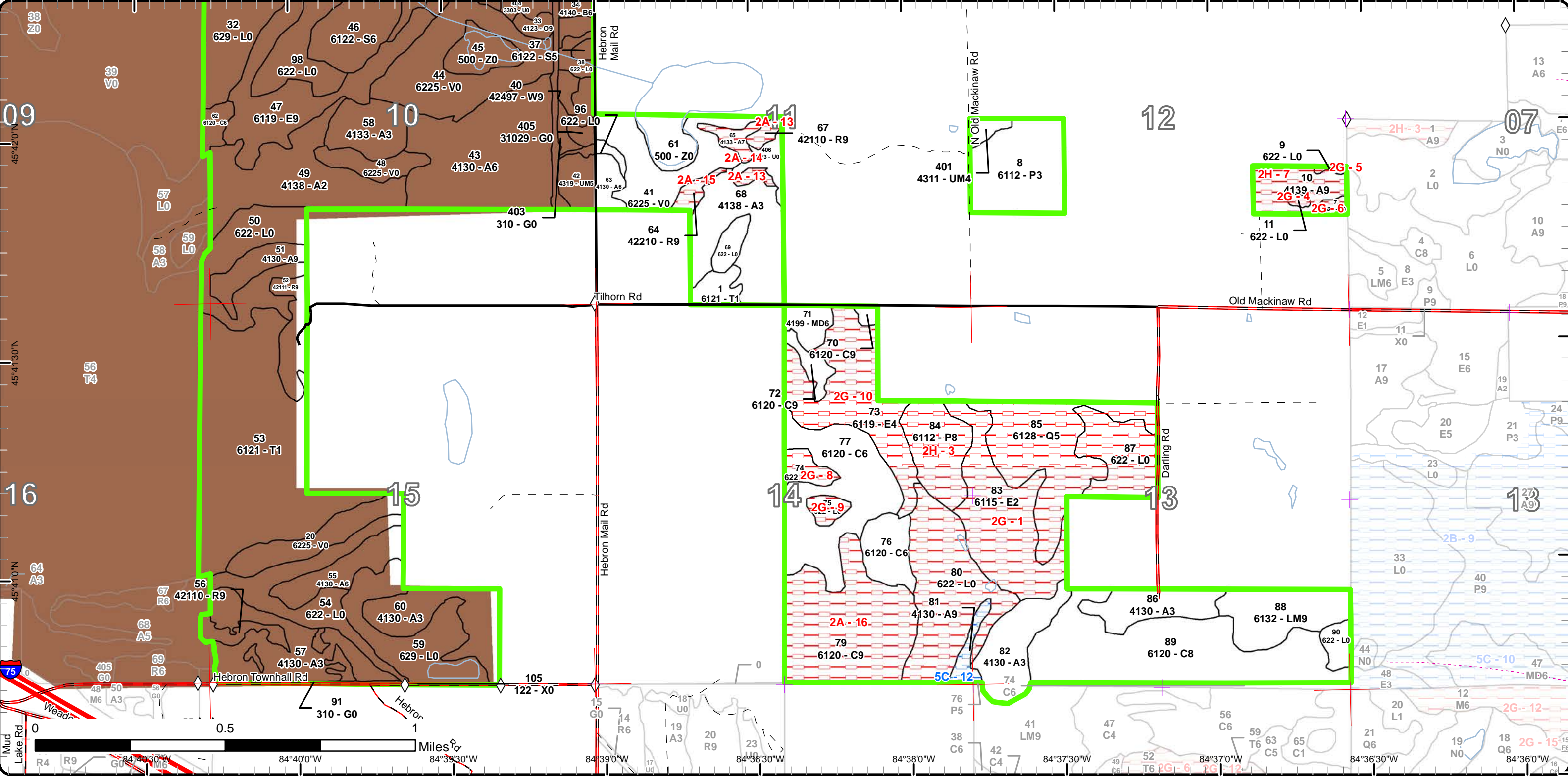


Special Conservation Areas & Site Conditions Map

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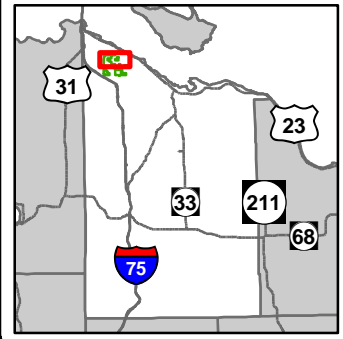


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- Site Condition
- Available w/ Constraints
- Unavailable
- Available Factors W/ Constraints
- 5C: Delay treatment for age/size class diversity or exceptional site quality
- Unavailable Factors
- 2A: Adjacent landowner denied access
- 2G: Too wet (sensitive soils, does not include access issues)
- 2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)
- Special Conservation Areas
- Wildlife Management Areas

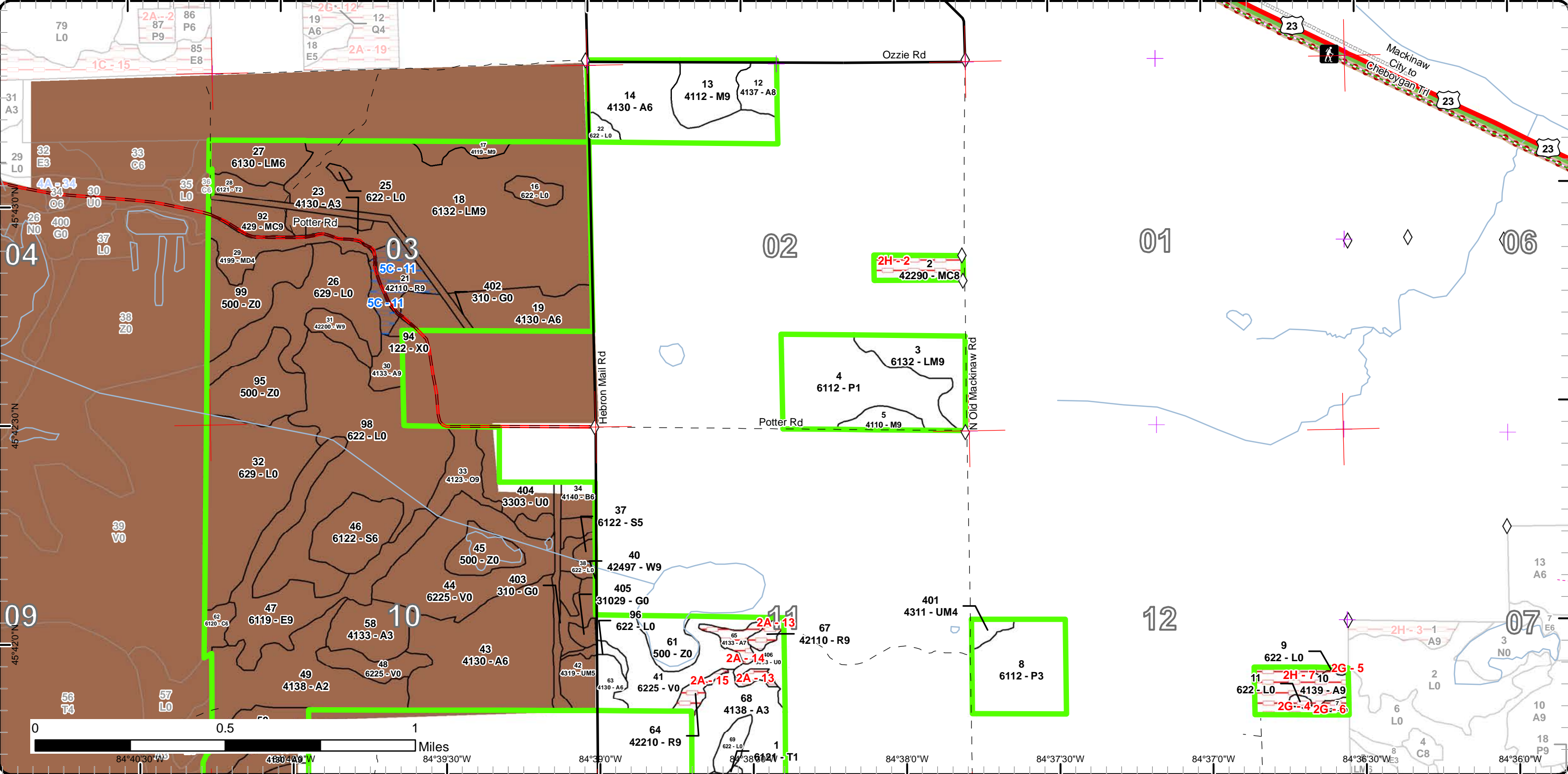


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- Unavailable Factors
- 2A: Adjacent landowner denied access
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- 2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)
- Special Conservation Areas
- Wildlife Management Areas
- Rail-Trail Corridor





Age Class

	Non-Forest	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100-109	110-119	120-129	130-139	140-149	150+	Uneven-Aged	Total
Aspen	0	18	159	204	0	0	7	5	0	21	0	11	0	0	0	0	0	8	433
Bog	106	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	106
Cedar	0	0	0	0	0	0	0	0	62	14	0	127	12	0	0	0	0	0	215
Herbaceous Openland	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20
Low-Density Trees	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20
Lowland Aspen/Balsam Poplar	0	0	0	86	0	0	0	0	0	23	0	0	0	0	0	0	0	0	109
Lowland Conifers	0	0	0	0	0	0	0	0	0	0	50	0	0	0	0	0	0	0	50
Lowland Deciduous	0	0	0	48	0	0	96	0	0	0	0	0	0	0	0	0	0	0	144
Lowland Mixed Forest	0	0	0	0	0	0	0	17	20	144	0	0	0	26	0	0	0	0	207
Lowland Shrub	401	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	401
Lowland Spruce/Fir	0	0	0	0	0	0	2	22	0	0	0	0	0	0	0	0	0	0	24
Mixed Upland Deciduous	0	0	0	14	0	0	0	7	0	0	0	0	0	0	0	0	0	0	21
Natural Mixed Pines	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	10
Northern Hardwood	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	24	30
Oak	0	0	0	0	0	0	20	0	0	0	0	0	0	0	0	0	0	0	20
Paper Birch	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	5
Red Pine	0	0	0	0	0	0	10	0	13	23	0	0	0	0	0	0	0	0	46
Tamarack	0	0	0	13	110	0	0	0	0	0	0	0	0	0	0	0	0	0	123
Upland Conifers	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	9
Upland Mixed Forest	0	0	0	3	0	0	0	0	0	0	0	8	0	0	0	0	0	0	11
Urban	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Water	74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
White Pine	0	0	0	0	0	0	7	6	0	0	0	0	0	0	0	0	0	0	13
Total	624	18	159	368	110	0	151	62	95	231	50	156	12	26	0	0	0	32	2094



Report 2 – Treatment Summary

Gaylord Mgt. Unit

Year of Entry: 2017

Acres of Harvest

Compartment 163

Total Compartment Acres: 2,094

Commercial Harvest - 421
 Harvests with Site Condition - 75
 Next Step Harvest - 0
 Habitat Cut - 0

Cover Type by Harvest Method

	Clearcut	Selection	Patch Clearcut	Seed Tree	Shelterwood	Thinning	Overstory Removal	Salvage	Other	Total Acres
Aspen	31	0	0	0	0	0	0	0	0	31
Cedar	67	0	0	0	0	0	78	0	0	145
Lowland Deciduous	48	0	0	0	0	0	0	0	0	48
Lowland Mixed Forest	193	0	0	0	0	0	0	0	0	193
Lowland Spruce/Fir	5	0	0	0	0	0	0	0	0	5
Mixed Upland Deciduous	7	0	0	0	0	0	0	0	0	7
Northern Hardwood	18	6	0	0	0	0	0	0	0	24
Paper Birch	5	0	0	0	0	0	0	0	0	5
Red Pine	0	0	0	0	0	32	0	0	0	32
White Pine	0	0	0	0	0	7	0	0	0	7
Total	374	6	0	0	0	39	0	78	0	497

Proposed and Next Step Treatments by Harvest Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	497	0	0	0	0	0	0	0	0	497
Next Step	0	0	0	0	0	0	380	0	0	380
Total	497	0	0	0	0	0	380	0	0	878



S t a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Approval Status
3	52163003-CC	20.4	6132 - Mixed Lowland Forest with Cedar	Sawtimber Well	77	111- 140	Harvest	Clearcut with Retention	613 - Lowland Mixed Forest	Even-Aged	Proposal

Habitat Cut: No**Site Condition: None**

Prescription Clearcut to 4" DBH leaving retention in islands around hemlock where possible. Do not cut hemlock.

Specs:

Next Step

Treatments:

Acceptable Minimum stocking level of aspen, birch, cedar and red maple.

Regen:

Other Old next step comments:

Comment:

Proposed Start Date: 10/1 /2016

5	52163005- Mark	6.3	4110 - Sugar Maple Association	Sawtimber Well	81	111- 140	Harvest	Single Tree Selection	411 - Northern Hardwood	Uneven- Aged	Proposal
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Habitat Cut: No**Site Condition: None**

Prescription Mark stand to 80 BA residual favoring high quality stems. Make 1 or 2 regen gaps per acre at least 100 feet crown to crown.

Specs:

Next Step

Treatments:

Acceptable Sugar maple and basswood

Regen:

Other Old next step comments:

Comment:

Proposed Start Date: 10/1 /2016

12	52163012-CC	8.5	4137 - Aspen, Birch	Sawtimber Medium	51	81-110	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	Proposal
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Habitat Cut: No**Site Condition: None**

Prescription Clearcut leaving retention in pockets. Avoid damage to any apple trees.

Specs:

Next Step

Treatments:

Acceptable Minimum stocking level of aspen and red maple.

Regen:

Other Old next step comments:

Comment:

Proposed Start Date: 10/1 /2016

13	52163013-Cut	17.7	4112 - Maple, Beech, Cherry Association	Sawtimber Well	71	111- 140	Harvest	Clearcut with Retention	4199 - Other Mixed Upland Deciduous	Even-Aged	Proposal
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Habitat Cut: No**Site Condition: None**

Prescription Clearcut leaving retention in islands. There is a lot of beech understory in the stand. Monitor to make sure beech regeneration does not dominate the stand.

Specs:

Next Step

Treatments:

Acceptable Minimum stocking level of northern hardwoods(other than beech) and aspen.

Regen:

Other Old next step comments:

Comment:

Proposed Start Date: 10/1 /2016



S t a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Approval Status
18	52163018-CC	129.4	6132 - Mixed Lowland Forest with Cedar	Sawtimber Well	83	111- 140	Harvest	Clearcut with Retention	613 - Lowland Mixed Forest	Even-Aged	Proposal

Habitat Cut: No **Site Condition: None**

Prescription Clearcut to 4" DBH leaving retention is islands. There are a couple small areas of black ash regeneration as well as a small area of aspen/fir regeneration in the NE corner of the stand. These areas as well as some of the adjacent mature timber can serve as retention.

Specs:

Next Step

Treatments:

Acceptable Minimum stocking level of aspen, birch, red maple, cedar and fir.

Regen:

Other Old next step comments:

Comment:

Proposed Start Date: 10/1 /2016

27	52163027-Cut	16.6	6130 - Fir, Aspen, Maple	Poletimber Well	65	81-110	Harvest	Clearcut with Retention	613 - Lowland Mixed Forest	Even-Aged	Proposal
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Habitat Cut: No **Site Condition: None**

Prescription Clearcut to 4" DBH leaving retention in islands.

Specs:

Next Step

Treatments:

Acceptable minimum stocking level of aspen, cedar, fir, red maple and birch.

Regen:

Other Old next step comments:

Comment:

Proposed Start Date: 10/1 /2016

30	52163030-CC	6.5	4133 - Aspen, Mixed Pine	Sawtimber Well	55	81-110	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	Proposal
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Habitat Cut: No **Site Condition: None**

Prescription Clearcut leaving retention along lowland.

Specs:

Next Step

Treatments:

Acceptable Minimum stocking level of aspen and red maple.

Regen:

Other Old next step comments:

Comment:

Proposed Start Date: 10/1 /2016

31	52163031- Mark	7.2	42200 - Natural White Pine	Sawtimber Well	58	171- 200	Harvest	Crown Thinning	4220 - Natural White Pine	Even-Aged	Proposal
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Habitat Cut: No **Site Condition: None**

Prescription Mark to 120 BA.

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other Old next step comments:

Comment:

Proposed Start Date: 10/1 /2016



S t a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Approval Status
34	52163034-CC	5.4	4140 - Other Upland Deciduous	Poletimber Well	66	81-110	Harvest	Clearcut	4319 - Mixed Upland Forest	Even-Aged	Proposal
Habitat Cut: No		Site Condition: None									
<u>Prescription</u> Clearcut, no retention due to small size of stand.											
<u>Specs:</u>											
<u>Next Step</u>											
<u>Treatments:</u>											
<u>Acceptable</u> Minimum stocking level of birch and aspen.											
<u>Regen:</u>											
<u>Other</u> Old next step comments:											
<u>Comment:</u>											
<u>Proposed Start Date:</u> 10/1 /2016											
46	52163046-CC	4.6	6122 - Black Spruce	Poletimber Well	63	111- 140	Harvest	Clearcut	6122 - Black Spruce	Even-Aged	Proposal
Habitat Cut: No		Site Condition: None									
<u>Prescription</u> Clearcut to 4" DBH. Mark a few leave trees to fall over/drop.											
<u>Specs:</u>											
<u>Next Step</u>											
<u>Treatments:</u>											
<u>Acceptable</u> Minimum stocking of black spruce, red maple and fir.											
<u>Regen:</u>											
<u>Other</u> Old next step comments:											
<u>Comment:</u>											
<u>Proposed Start Date:</u> 10/1 /2016											
47	52163047-CC	48.0	6119 - Mixed Lowland Deciduous Forest	Sawtimber Well	57	111- 140	Harvest	Clearcut with Retention	613 - Lowland Mixed Forest	Even-Aged	Proposal
Habitat Cut: No		Site Condition: None									
<u>Prescription</u> Clearcut everything to 4" DBH except Red Pine leaving retention in pockets. Mark pine to 120 BA where applicable.											
<u>Specs:</u>											
<u>Next Step</u>											
<u>Treatments:</u>											
<u>Acceptable</u> Minimum stocking of aspen, birch, fir and red maple.											
<u>Regen:</u>											
<u>Other</u> Old next step comments:											
<u>Comment:</u>											
<u>Proposed Start Date:</u> 10/1 /2016											
51	52163051-CC	11.4	4130 - Aspen	Sawtimber Well	105	141- 170	Harvest	Clearcut	413 - Aspen	Even-Aged	Proposal
Habitat Cut: No		Site Condition: None									
<u>Prescription</u> Clearcut to 2" DBH. No retention due to the small size of the treatment.											
<u>Specs:</u>											
<u>Next Step</u>											
<u>Treatments:</u>											
<u>Acceptable</u> Minimum stocking level of aspen.											
<u>Regen:</u>											
<u>Other</u> Old next step comments:											
<u>Comment:</u>											
<u>Proposed Start Date:</u> 10/1 /2016											



S t a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Approval Status
52	52163052-CC	12.9	42111 - Planted Red Pine, Mixed Deciduous	Sawtimber Well	74	171- 200	Harvest	Crown Thinning	4319 - Mixed Upland Forest	Even-Aged	Proposal

Habitat Cut: No**Site Condition: None**Prescription Mark pine to residual BA of 30. Cut all aspen and red maple.Specs:Next StepTreatments:AcceptableRegen:Other Old next step comments:Comment:Proposed Start Date: 10/1 /2016

56	52163056- Mark	10.0	42110 - Planted Red Pine	Sawtimber Well	53	141- 170	Harvest	Crown Thinning	4211 - Planted Red Pine	Even-Aged	Proposal
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Habitat Cut: No**Site Condition: None**Prescription Mark stand to 110 BA. Concentrate marking on poor quality, forked and damaged stems.Specs:Next StepTreatments:AcceptableRegen:Other Old next step comments:Comment:Proposed Start Date: 10/1 /2016

62	52163062-CC	4.9	6120 - Lowland Cedar	Poetimber Well	118	81-110	Harvest	Clearcut with Retention	613 - Lowland Mixed Forest	Even-Aged	Proposal
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Habitat Cut: No**Site Condition: None**Prescription Clearcut to 4" DBH leaving retention in pockets.Specs:Next StepTreatments:Acceptable Minimum stocking of aspen, birch, fir and cedar.Regen:Other Old next step comments:Comment:Proposed Start Date: 10/1 /2016

64	52163064- Mark	3.8	42210 - Natural Red Pine	Sawtimber Well	88	171- 200	Harvest	Crown Thinning	42210 - Natural Red Pine	Even-Aged	Proposal
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Habitat Cut: No**Site Condition: Denied Access**Prescription Mark to 100 - 120 BA.Specs:Next StepTreatments:AcceptableRegen:Other Old next step comments:Comment:Proposed Start Date: 10/1 /2016



S t a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Approval Status
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65	52163065-CC	5.0	4133 - Aspen, Mixed Pine	Sawtimber Poor	62	51-80	Harvest	Clearcut	413 - Aspen	Even-Aged	Proposal
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Habitat Cut: No **Site Condition:** Denied Access

Prescription Clearcut everything but pine. Mark pine to 100 BA where applicable.

Specs:

Next Step

Treatments:

Acceptable Minimum stocking of aspen, red maple and birch.

Regen:

Other Old next step comments:

Comment:

Proposed Start Date: 10/1 /2016

67	52163067-Mark	4.8	42110 - Planted Red Pine	Sawtimber Well	82	171-200	Harvest	Crown Thinning	4211 - Planted Red Pine	Even-Aged	Proposal
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Habitat Cut: No **Site Condition:** Denied Access

Prescription Mark to 100 - 120 BA.

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other Old next step comments:

Comment:

Proposed Start Date: 10/1 /2016

71	52163071-Cut	7.3	4199 - Other Mixed Upland Deciduous	Polettinber Well	69	81-110	Harvest	Clearcut with Retention	4319 - Mixed Upland Forest	Even-Aged	Proposal
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Habitat Cut: No **Site Condition:** None

Prescription Clearcut leaving retention in island.

Specs:

Next Step

Treatments:

Acceptable Minimum stocking level of maple, aspen, birch and fir.

Regen:

Other Old next step comments:

Comment:

Proposed Start Date: 10/1 /2016

79	52163079-CC	62.4	6120 - Lowland Cedar	Sawtimber Well	71	201+	Harvest	Clearcut with Retention	6112 - Lowland Aspen	Even-Aged	Proposal
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Habitat Cut: No **Site Condition:** Denied Access

Prescription Clearcut to 4" DBH leaving retention in islands.

Specs:

Next Step

Treatments:

Acceptable Minimum stocking level of aspen, cedar, fir and red maple.

Regen:

Other See about getting access through SW corner of the stand. Old next step comments:

Comment:

Proposed Start Date: 10/1 /2016



S t a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Approval Status
88	52163088-CC	26.1	6132 - Mixed Lowland Forest with Cedar	Sawtimber Well	127	171- 200	Harvest	Clearcut with Retention	6112 - Lowland Aspen	Even-Aged	Proposal

Habitat Cut: No **Site Condition:** None

Prescription Clearcut to 4" DBH leaving retention in islands.
Specs:

Next Step
Treatments:

Acceptable Minimum stocking level of aspen, cedar and fir.
Regen:

Other Old next step comments:
Comment:

Proposed Start Date: 10/1 /2016

89	52163089-Cut	78.2	6120 - Lowland Cedar	Sawtimber Medium	109	81-110	Harvest	Salvage	613 - Lowland Mixed Forest	Even-Aged	Proposal
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Habitat Cut: No **Site Condition:** None

Prescription Harvest all cedar to 4" DBH. Leave several 4 to 5 acres islands.
Specs:

Next Step
Treatments:

Acceptable
Regen:

Other Old next step comments:
Comment:

Proposed Start Date: 10/1 /2016

**Total Treatment
Acreage Proposed: 497.3**

Report 5 – Site Conditions

Gaylord Mgt. Unit
Shannon Harig : Examiner

Compartment: 163
Year of Entry: 2017

Dominant Site Conditions

	2G	2H	5C
Aspen		16	5
Bog			
Cedar			
Herbaceous Openland			
Low-Density Trees			
Lowland Aspen/Balsam Poplar		23	
Lowland Conifers	50		
Lowland Deciduous	96		
Lowland Mixed Forest			
Lowland Shrub	89		
Lowland Spruce/Fir			
Mixed Upland Deciduous			
Natural Mixed Pines		10	
Northern Hardwood			
Oak			
Paper Birch			
Red Pine			14
Tamarack			
Upland Conifers			
Upland Mixed Forest			
Urban			
Water			
White Pine			
Total Forested Acres	235	49	19
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
1	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	174	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 5 – Site Conditions

Gaylord Mgt. Unit
Shannon Harig : Examiner

Compartment: 163
Year of Entry: 2017

2	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	10	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
3	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	23	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
4	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
5	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
6	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
7	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	16	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 5 – Site Conditions

Gaylord Mgt. Unit
Shannon Harig : Examiner

Compartment: 163
Year of Entry: 2017

8	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
9	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
10	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	48	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
11	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	14	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
12	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
13	Unavailable	2A: Adjacent landowner denied access	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 5 – Site Conditions

Gaylord Mgt. Unit
Shannon Harig : Examiner

Compartment: 163
Year of Entry: 2017

14	Unavailable	2A: Adjacent landowner denied access	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
15	Unavailable	2A: Adjacent landowner denied access	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
16	Unavailable	2A: Adjacent landowner denied access	62	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Mgt. Unit

Compartment: #Type!

Year of Entry:



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

Mgt. Unit

Compartment:

Year of Entry



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
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Stand	Gaylord Mgt. Unit		Report 8 – Forested Stands			Compartment: 163 Year of Entry: 2017	
	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:	
1	6121 - Tamarack	Sapling Poor	6.6	25	Immature		
2	42290 - Natural Mixed Pine	Sawtimber Medium	9.9	105	81-110	Small wooded ridges separated by lowland.	
3	6132 - Mixed Lowland Forest with Cedar	Sawtimber Well	20.4	77	111-140	Clearcut to 4" DBH leaving retention around pockets of hemlock. Aspen is beginning to lose vigor and die.	
4	6112 - Lowland Aspen	Sapling Poor	50.1	25	Immature	Regeneration looks healthy.	
5	4110 - Sugar Maple Association	Sawtimber Well	6.3	81	111-140	Decent quality maple.	
8	6112 - Lowland Aspen	Sapling Well	35.9	25	1-50		
10	4139 - Aspen, Mixed Deciduous	Sawtimber Well	16.3	85	81-110		
12	4137 - Aspen, Birch	Sawtimber Medium	8.5	51	81-110	A few small areas of regenerating maple. Some large aspen and multiple stem maple. Everything looks healthy yet.	
13	4112 - Maple, Beech, Cherry Association	Sawtimber Well	17.7	71	111-140	Beech scale present throughout stand. A lot of mortality in beech, some in maple, a few quality stems.	
14	4130 - Aspen	Poletimber Well	40.4	26	51-80	Regeneration looks good.	
17	4119 - Mixed Northern Hardwoods	Sawtimber Well	5.9	81	81-110	Some decent quality stems. Beech scale present in the stand.	
18	6132 - Mixed Lowland Forest with Cedar	Sawtimber Well	143.9	83	111-140	Aspen is showing signs of decline, other species look good.	
19	4130 - Aspen	Poletimber Well	33.1	25	1-50		
21	42110 - Planted Red Pine	Sawtimber Well	13.9	85	111-140		
23	4130 - Aspen	Sapling Well	6.1	18	Immature	OPIC - FMD: Well stocked.	
27	6130 - Fir, Aspen, Maple	Poletimber Well	16.6	65	81-110	Aspen is starting to fall out of the stand.	
28	6121 - Tamarack	Sapling Medium	6.2	23	Immature		
29	4199 - Other Mixed Upland Deciduous	Poletimber Poor	13.9	27	1-50		

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Gaylord Mgt. Unit

Report 8 – Forested Stands

Compartment: 163
Year of Entry: 2017

Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
4133 - Aspen, Mixed Pine	Sawtimber Well	6.5	55	81-110	
42200 - Natural White Pine	Sawtimber Well	7.2	58	171-200	
4123 - Red Oak	Sawtimber Well	19.5	56	51-80	
4140 - Other Upland Deciduous	Poletimber Well	5.4	66	81-110	Stand looks healthy.
6122 - Black Spruce	Poletimber Medium	1.7	58	51-80	Leatherleaf ground cover.
42497 - White Pine (OI)	Sawtimber Well	6.4	65	111-140	Natural pine. Some very large diameter trees in this stand.
4319 - Mixed Upland Forest	Poletimber Medium	8.3	108	111-140	
4130 - Aspen	Poletimber Well	70.8	28		A few hemlock in the stand.
6122 - Black Spruce	Poletimber Well	21.7	63	111-140	Spruce looks good. Some nice white pine.
6119 - Mixed Lowland Deciduous Forest	Sawtimber Well	48.0	57	111-140	Aspen and birch is dying. Red maple looks good. Red pine on top of ridge on east arm of the stand.
4138 - Aspen (OI)	Sapling Medium	48.7	16	Immature	
4130 - Aspen	Sawtimber Well	11.4	105	141-170	Aspen still looks good but beginning to show signs of decline.
42111 - Planted Red Pine, Mixed Deciduous	Sawtimber Well	12.9	74	171-200	
6121 - Tamarack	Sapling Poor	109.9	34	Immature	
4130 - Aspen	Poletimber Well	16.5	28	1-50	Good looking regeneration, just starting to move into pole class. A few rows of planted red pine on the north side of the west half of the stand.
42110 - Planted Red Pine	Sawtimber Well	10.0	53	141-170	Some porcupine damage present in the stand.
4130 - Aspen	Sapling Well	35.9	18	Immature	
4133 - Aspen, Mixed Pine	Sapling Well	17.6	16	Immature	Natural pine.

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Gaylord Mgt. Unit

Report 8 – Forested Stands

Compartment: 163
Year of Entry: 2017

	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
60	4130 - Aspen	Sapling Well	26.7	18	Immature	
62	6120 - Lowland Cedar	Poletimber Well	4.9	118	81-110	
63	4130 - Aspen	Poletimber Well	6.2	26	1-50	
64	42210 - Natural Red Pine	Sawtimber Well	3.8	88	171-200	Good quality, healthy, natural stand.
65	4133 - Aspen, Mixed Pine	Sawtimber Poor	5.0	62	51-80	
67	42110 - Planted Red Pine	Sawtimber Well	4.8	82	171-200	Looks like wider row spacing resulted in poor natural pruning of limbs.
68	4138 - Aspen (OI)	Sapling Well	37.4	28	Immature	Regeneration looks good in most areas.
70	6120 - Lowland Cedar	Sawtimber Well	1.7	115	201+	
71	4199 - Other Mixed Upland Deciduous	Poletimber Well	7.3	69	81-110	OPIC - FMD: Poor quality, healthy.
72	6120 - Lowland Cedar	Sawtimber Well	5.3	111	201+	a lot of blowdown
73	6119 - Mixed Lowland Deciduous Forest	Poletimber Poor	47.7	53	1-50	
76	6120 - Lowland Cedar	Poletimber Well	14.2	88	171-200	
77	6120 - Lowland Cedar	Poletimber Well	49.1	103	111-140	
79	6120 - Lowland Cedar	Sawtimber Well	62.4	71	201+	
81	4130 - Aspen	Sawtimber Well	5.1	88	111-140	Aspen still looks vigorous.
82	4130 - Aspen	Sapling Well	23.2	18	Immature	Very nice regeneration.
83	6115 - Lowland Ash	Sapling Medium	48.2	26	1-50	Paper birch, BAM and black ash regeneration. Very wet.
84	6112 - Lowland Aspen	Sawtimber Medium	23.2	88	51-80	harvest if possible

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Gaylord Mgt. Unit

Report 8 – Forested Stands

Compartment: 163
Year of Entry: 2017

	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
85	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Medium	49.9	92	51-80	Very wet stand
86	4130 - Aspen	Sapling Well	17.8	5	Immature	
88	6132 - Mixed Lowland Forest with Cedar	Sawtimber Well	26.1	127	171-200	A lot of blow down. Aspen is beginning to show signs of decline, most of the cedar looks healthy.
89	6120 - Lowland Cedar	Sawtimber Medium	78.2	109	81-110	wet, slowdown, significant mortality and die back in cedar. a couple large white pine more spruce to the NE stand is a bit healthier in NE.
92	429 - Mixed Upland Conifers	Sawtimber Well	9.0	56	81-110	
401	4311 - Pine, Aspen Mix	Poletimber Poor	3.4	21	1-50	OPIC - FMD: Several apple trees. Beginning to fill with white pine.



Stand	Cover Type	Acres	Managed Site	General Comments:
7	622 - Lowland Shrub	1.7	No	OPIC - FMD: 1995-DISPOSE OF DUE TO LACK OF ACCESS
9	622 - Lowland Shrub	0.8	No	OPIC - FMD: 1995-DISPOSE OF DUE TO LACK OF ACCESS
11	622 - Lowland Shrub	1.1	No	OPIC - FMD: 1995-DISPOSE OF DUE TO LACK OF ACCESS
16	622 - Lowland Shrub	5.2	No	
20	6225 - Bog	18.5	No	Leatherleaf and tag alder.
22	622 - Lowland Shrub	3.0	No	
25	622 - Lowland Shrub	1.2	No	
26	629 - Mixed non-forested wetland	39.9	No	OPIC - FMD: DINGMAN MARSH AND FLOODING
32	629 - Mixed non-forested wetland	58.5	No	OPIC - FMD: DINGMAN MARSH AND FLOODING
38	622 - Lowland Shrub	4.2	No	
41	6225 - Bog	30.3	No	
44	6225 - Bog	47.2	No	OPIC - FMD: OI Stand Year Origin was
45	500 - Water	11.8	No	
48	6225 - Bog	9.7	No	White pine present..
50	622 - Lowland Shrub	31.9	No	
54	622 - Lowland Shrub	28.0	No	
59	629 - Mixed non-forested wetland	34.2	No	
61	500 - Water	10.9	No	Maloney Lake



Stand	Cover Type	Acres	Managed Site	General Comments:
69	622 - Lowland Shrub	5.4	No	
74	622 - Lowland Shrub	5.9	No	Some healthy pole size Paper Birch distributed evenly through the stand.
75	622 - Lowland Shrub	4.1	No	Quaking Aspen and cedar scattered through the stand.
80	622 - Lowland Shrub	51.4	No	
87	622 - Lowland Shrub	24.3	No	Some pole and sap size birch, black ash and balsam. Very wet.
90	622 - Lowland Shrub	5.4	No	OPIC - FMD: OI Stand Year Origin was
91	310 - Herbaceous Openland	1.8	No	Powerline ROW
94	122 - Road/Parking Lot	2.2	No	Potter Road
95	500 - Water	25.0	No	OPIC - FMD: DINGMAN MARSH AND FLOODING
96	622 - Lowland Shrub	2.8	No	
98	622 - Lowland Shrub	91.4	No	OPIC - FMD: DINGMAN MARSH AND FLOODING
99	500 - Water	26.3	No	OPIC - FMD: DINGMAN MARSH AND FLOODING
105	122 - Road/Parking Lot	1.1	No	Road
402	310 - Herbaceous Openland	9.1	No	Power line ROW
403	310 - Herbaceous Openland	7.0	No	Power line ROW
404	3303 - Mixed Low Density Trees	14.1	No	A lot of large Paper Birch and some pole size Red Pine. Scattered aspen, pin cherry and sumac.
405	31029 - Grass (OI)	2.4	No	
406	3303 - Mixed Low Density Trees	5.9	No	A few maple, aspen and birch scattered through stand. A lot of rec pine seeding in from adjacent stands.