



# Compartment Review Presentation

**Gaylord Forest Management Unit**

**Compartment 52137**

**Entry Year 2018**

**Acreage: 3,614**

**County Cheboygan**

**Management Area: Mackinaw Lake Plain**

**Revision Date:** 2016-05-18

**Stand Examiner:** Shannon Harig

**Legal Description:**

T38N R03W Sections 4,5,6,7,8,9,16,17

**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:**

Primarily Tawas-Lupton Association and some Rubicon-East Lake Association. Level topography.

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

State land is fairly contiguous. Surrounding private ownership is mostly un-developed.

**Unique Natural Features:**

Dingman Marsh State Wildlife Management Area

**Archeological, Historical, and Cultural Features:**

None known.

**Special Management Designations or Considerations:**

**Watershed and Fisheries Considerations:**

This compartment contains parts of the Dingman Marsh Flooding and Mill Creek (a designated trout stream). Prescribed management actions are appropriate for the protection of these waterbodies.

**Wildlife Habitat Considerations:**

This compartment is Dingman Marsh State Wildlife Management Area, a very large peatland formed by damming Mill Creek. The adjacent compartment (163) is also part of the management area. It is managed primarily for mallard and wood duck featured species, but is a popular site for birding and wildlife watching recreation due to large numbers of a variety of birds and other wildlife. The water levels have not been manipulated since the late 1990's. Water manipulation would create better habitat for waterfowl and furbearing mammals.

**Mineral Resource and Development Concerns and/or Restrictions**

Surface sediments consist of lacustrine sand and gravel. The glacial drift thickness varies between 100 and 400 feet. The Devonian Detroit River Group subcrops below the glacial drift. The Detroit River is mined for salt other areas in the state. Some former sand/gravel pits are documented in the area. There is active production at a state pit two miles northwest (Sec 25, T39N R4W) and a private pit three miles southwest (Sec 26, T38N R4W). There could be some sand and gravel potential within the compartment, but wetlands and a shallow water table in the area may limit potential development. The nearest oil and gas production, the Antrim Shale gas play, is located 36 miles to the south. There is no known oil and gas potential in the area.

**Vehicle Access:**

Limited access to most of the compartment.

**Survey Needs:**

None.

**Recreational Facilities and Opportunities:**

**Fire Protection:**

**Additional Compartment Information:**

**The following reports from the Inventory are attached:**

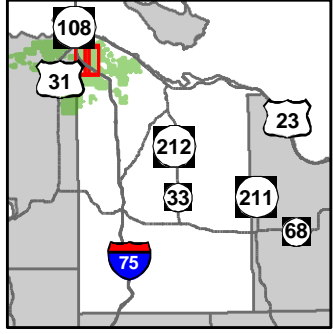
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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

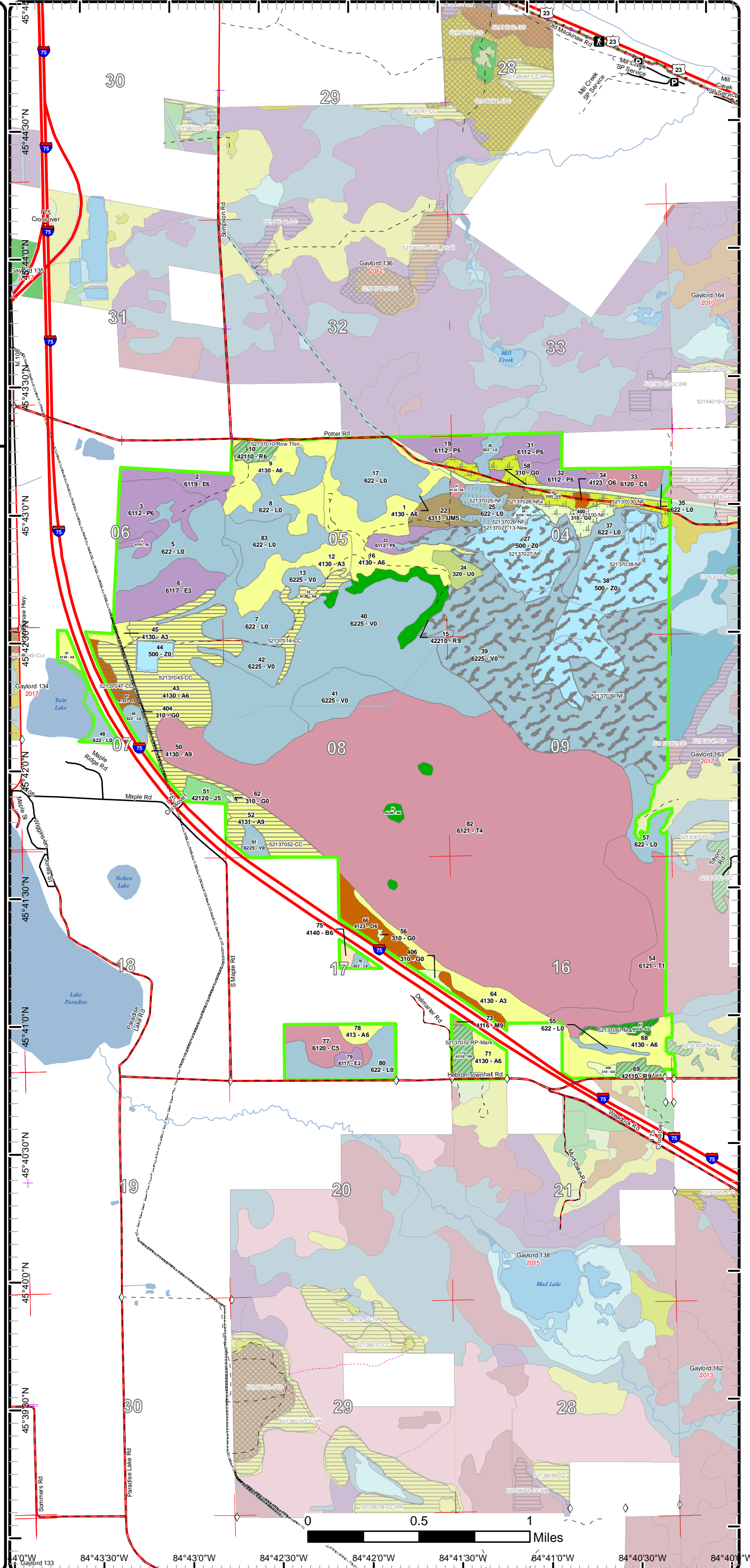
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

# Cover Type & Treatments Map

Compartment: 137  
 T38N R03W Sections 4-9, 15-17  
 County: Cheboygan  
 Unit: Gaylord  
 Mgmt Area: Mackinaw Lake Plain  
 YOE: 2018  
 Acres: 3615 GIS Calculated  
 Examiner: Shannon Harig  
 Map Revised: 8/29/2016  
 Map Phase: Post-Review



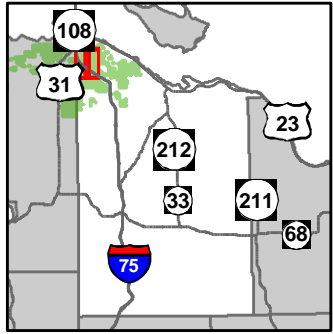
- Miris Corners
- Remonumented Section Corners
- Field Grade GPS Corners
- Highway
- Paved Roads
- County Gravel Roads
- Poor Dirt Roads
- County Poor Dirt Roads
- Rivers
- Pipeline
- Compartment Boundary
- Clearcut (w/Reserves)
- Water Level Management
- Other Treatment - See Comments
- Opening Maintenance
- Thinning (Crown, Low, Systematic)
- 411 - Northern Hardwood
- 412 - Oak Types
- 413 - Aspen Types
- 414 - Other Upland Deciduous
- 421 - Planted Pines
- 422 - Natural Pines
- 430 - Upland Mixed Forest
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- 612 - Lowland Coniferous Forest
- 310 - Herbaceous Openland
- 320 - Upland Shrub
- 330 - Low Density Trees
- 500 - Water
- 622 - Lowland Shrub
- 623 - Emergent Wetland
- Lakes



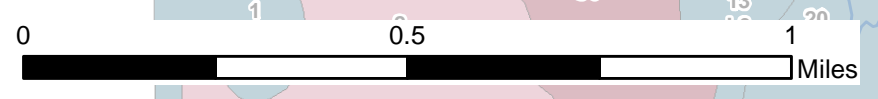
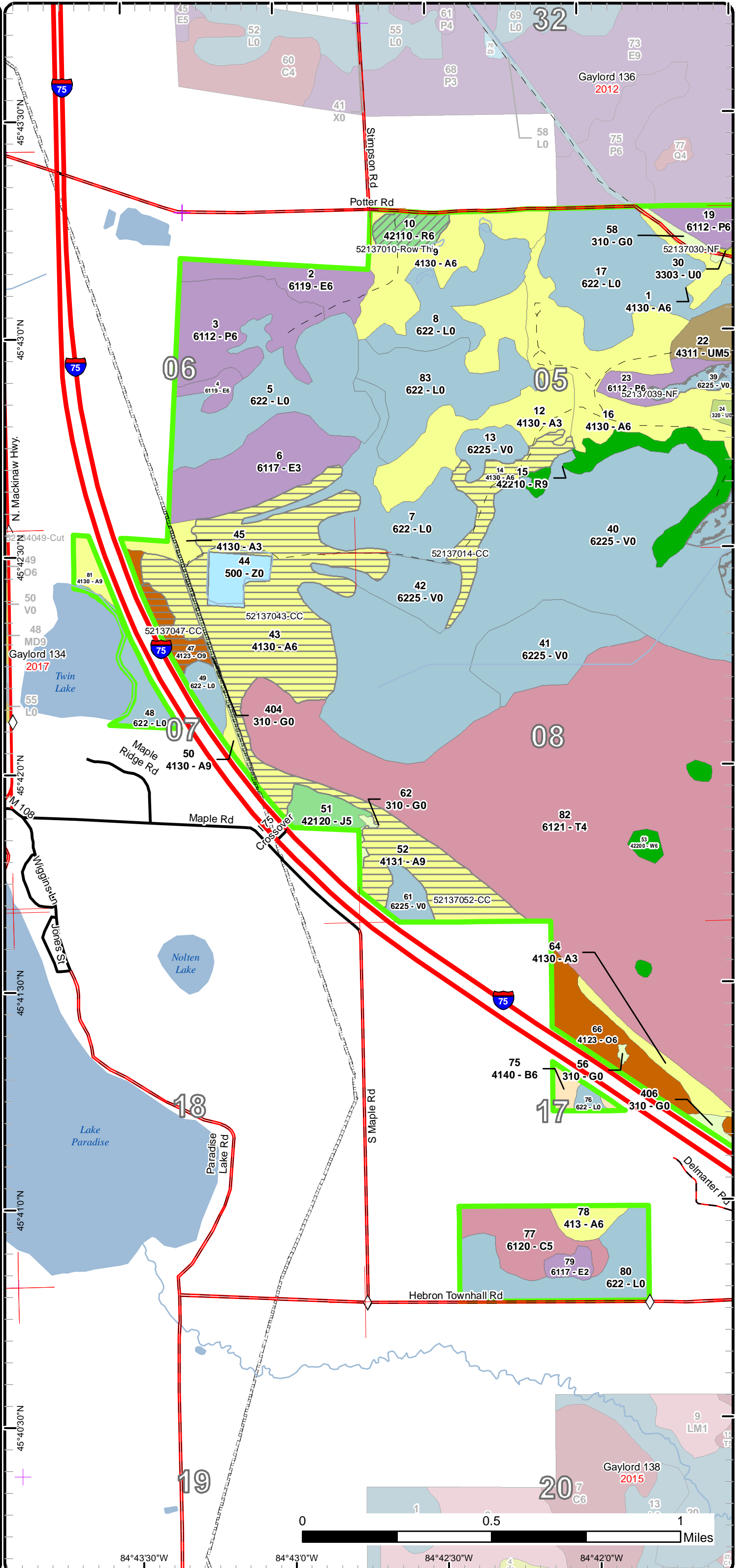
4°0'W 84°43'30"W 84°43'0"W 84°42'30"W 84°42'0"W 84°41'30"W 84°41'0"W 84°40'30"W 84°40'0"W

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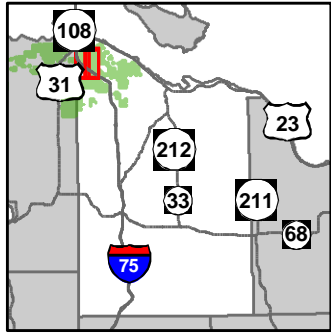
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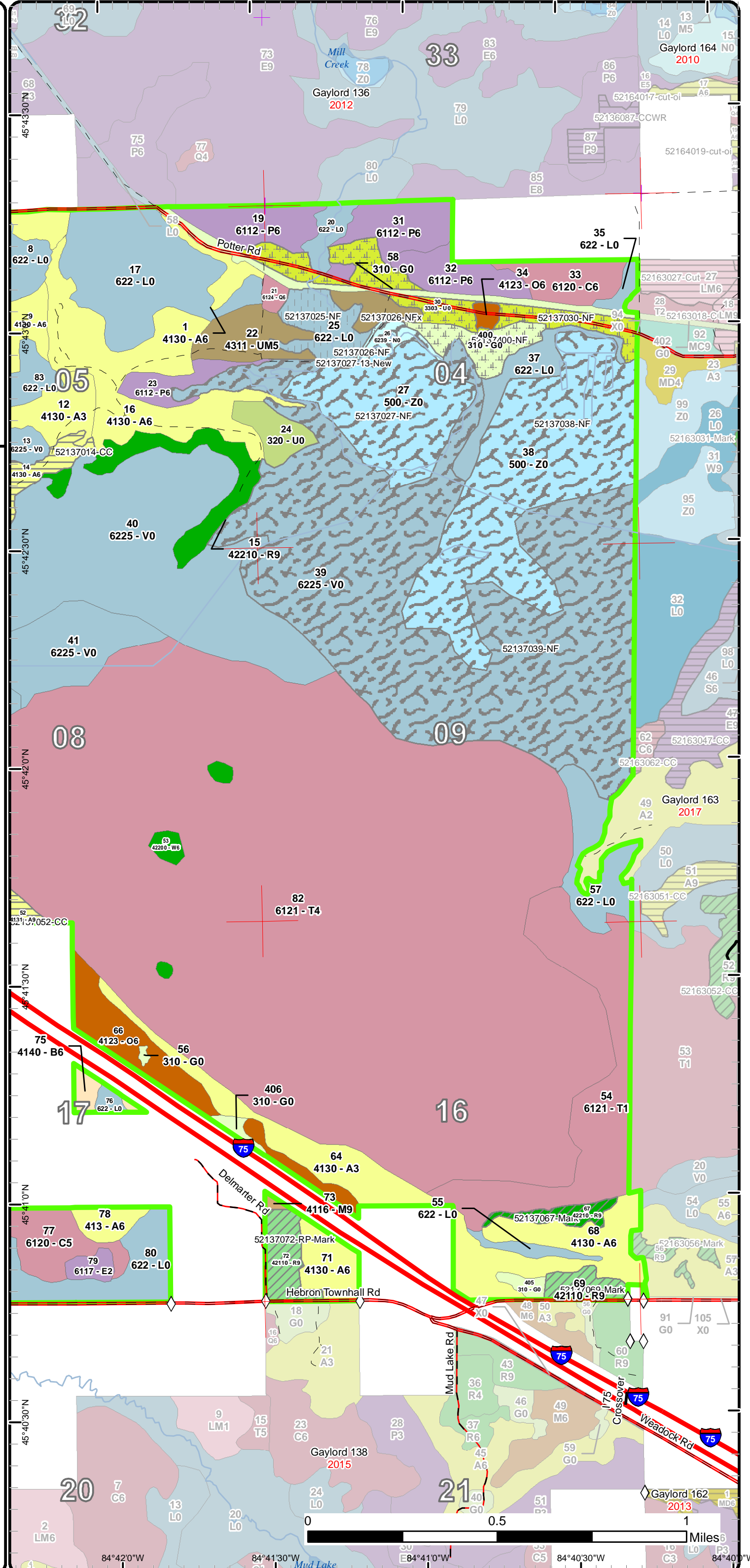
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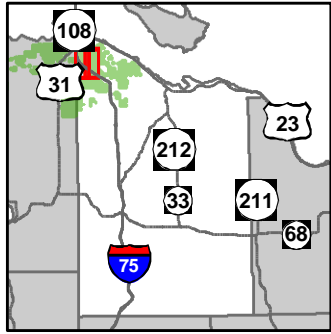


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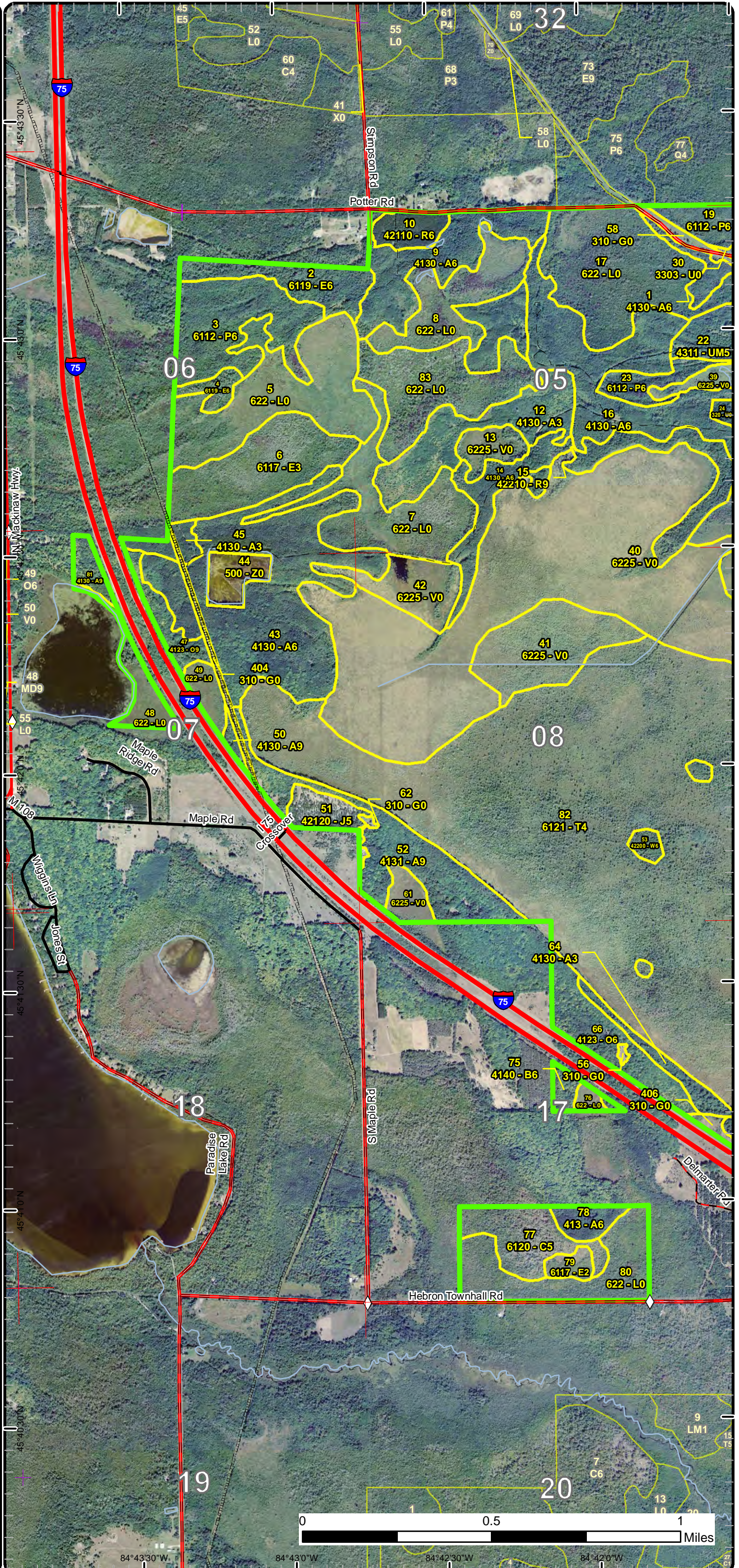


# Stand Boundary Map

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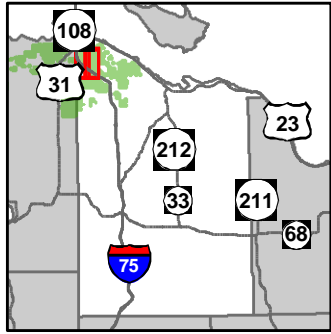
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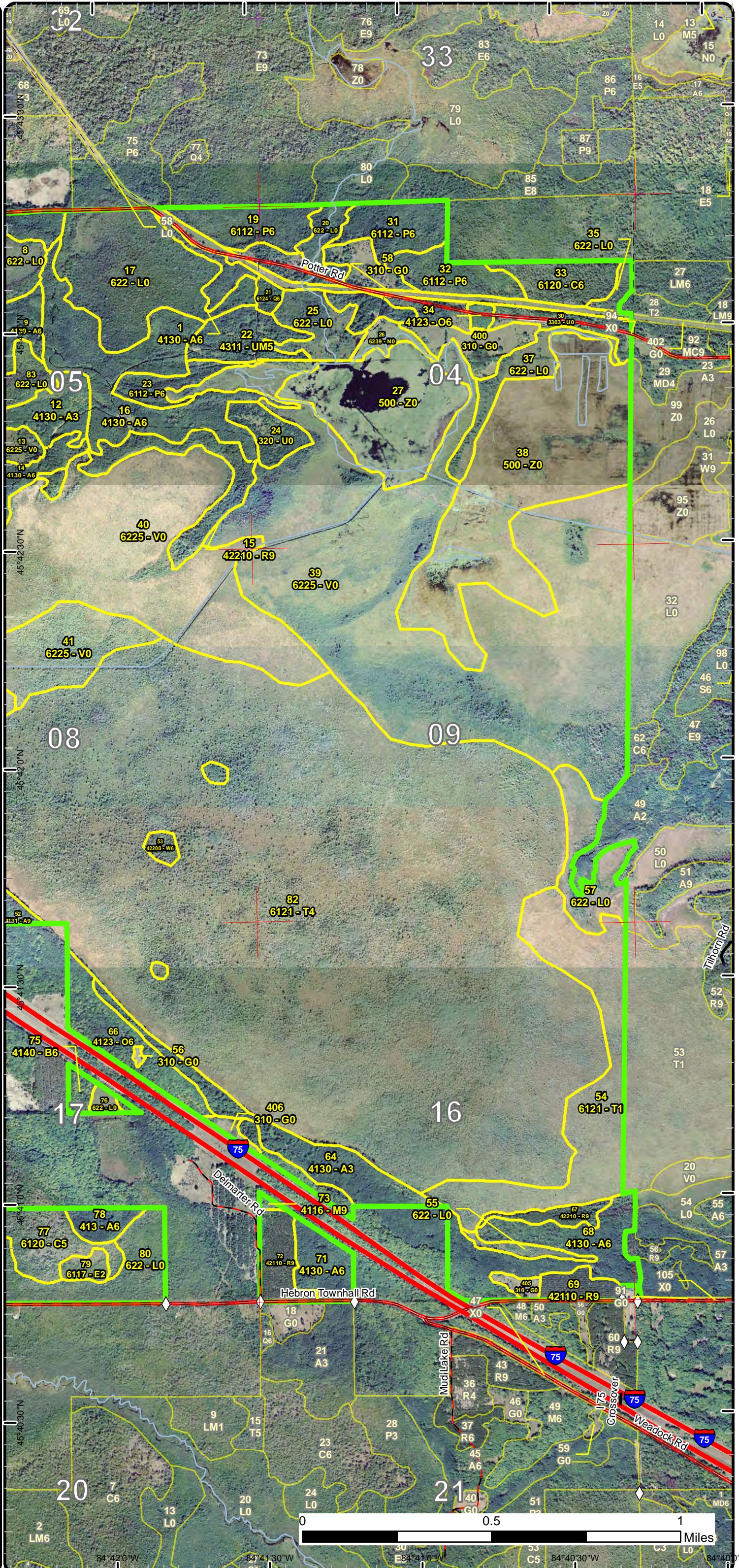
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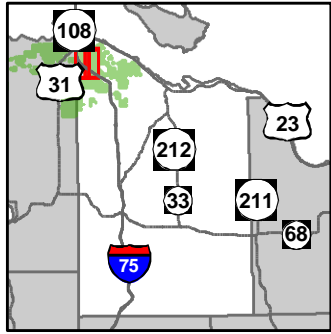


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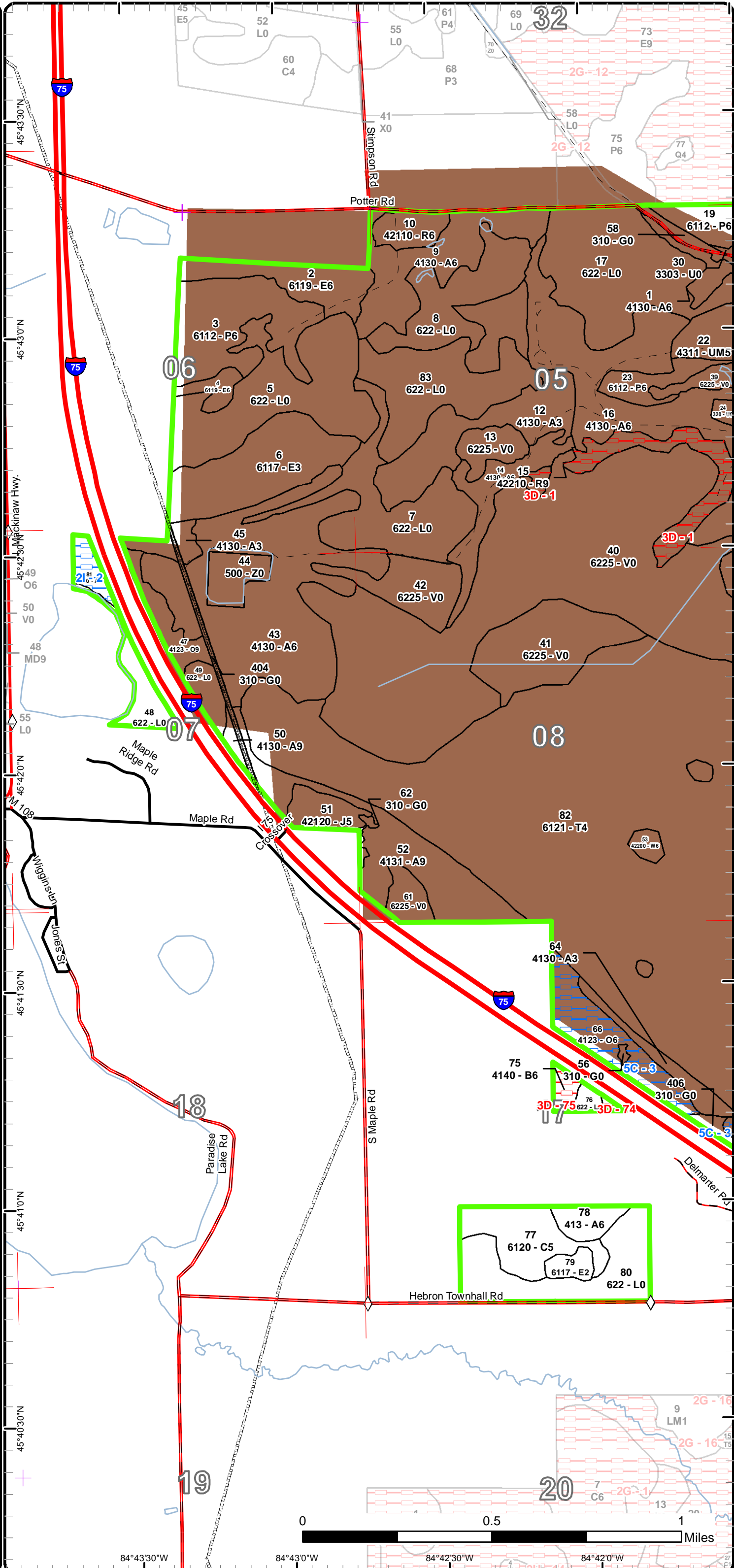


# Special Conservation Areas & Site Conditions Map

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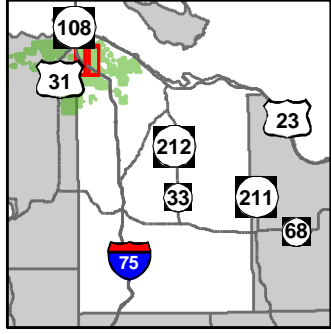
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- Compartment Boundary
- Available w/ Constraints
- Unavailable
- 2I: Survey needed
- 5C: Delay treatment for age/size class diversity or exceptional site quality
- 3D: Recreational / Scenic values
- Stand Boundaries
- Wildlife Management Areas



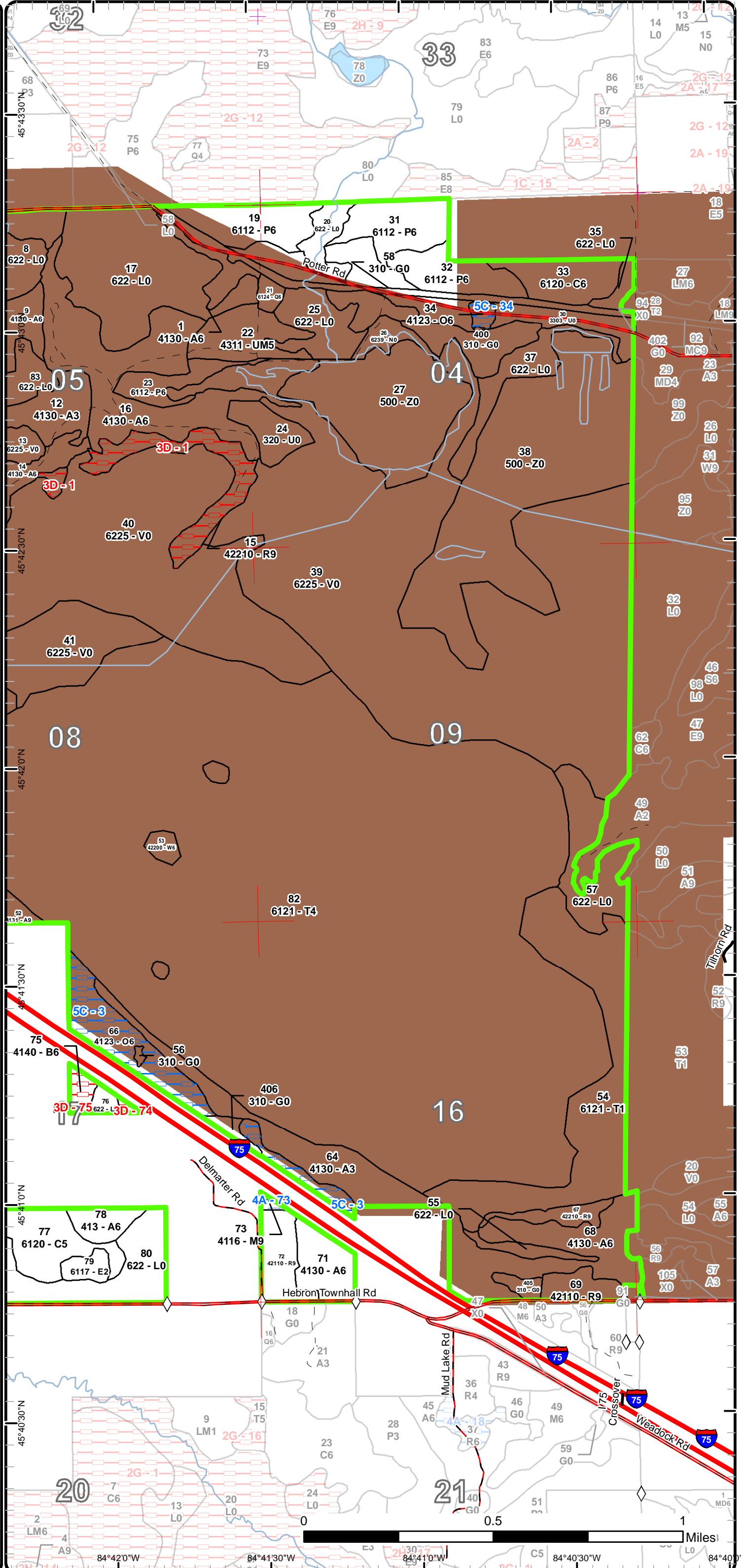


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- Compartment Boundary
- Available w/ Constraints
- Unavailable
- 4A: No Markets Available for these Forest Products
- 5C: Delay treatment for age/size class diversity or exceptional site quality
- 3D: Recreational / Scenic values
- Stand Boundaries
- Cold Water Streams
- Cold Water Lakes
- Wildlife Management Areas





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	0	77	80	266	8	48	0	9	0	0	0	0	0	0	0	0	0	488
Bog	759	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	759
Cedar	0	0	0	0	0	0	0	0	0	26	0	0	19	0	0	0	0	0	45
Herbaceous Openland	46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	46
Jack Pine	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0	0	12
Low-Density Trees	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	40
Lowland Aspen/Balsam Poplar	0	0	0	0	106	19	0	0	0	0	0	0	0	0	0	0	0	0	125
Lowland Conifers	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	3
Lowland Deciduous	0	0	0	0	5	49	0	7	24	0	0	0	0	0	0	0	0	0	84
Lowland Shrub	428	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	428
Marsh	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
Northern Hardwood	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
Oak	0	0	0	0	0	0	0	0	0	0	51	0	0	0	0	0	0	0	51
Paper Birch	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	5
Red Pine	0	0	0	0	0	11	25	0	0	8	0	0	27	0	0	0	0	0	70
Tamarack	0	0	0	0	86	1083	0	0	0	0	0	0	0	0	0	0	0	0	1169
Upland Mixed Forest	0	0	0	0	0	0	30	0	0	0	0	0	0	0	0	0	0	0	30
Upland Shrub	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12
Water	232	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	232
White Pine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	7
<b>Total</b>	<b>1525</b>	<b>0</b>	<b>77</b>	<b>80</b>	<b>463</b>	<b>1170</b>	<b>115</b>	<b>7</b>	<b>39</b>	<b>34</b>	<b>51</b>	<b>0</b>	<b>49</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7</b>	<b>3614</b>



## Report 2 – Treatment Summary

Gaylord Mgt. Unit

Year of Entry: 2018

Acres of Harvest

Compartment 137

Total Compartment Acres: 3,614

Commercial Harvest - 237  
 Harvests with Site Condition - 0  
 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	184	0	0	0	0	0	0	0	0	184
Oak	10	0	0	0	0	0	0	0	0	10
Red Pine	0	0	0	0	0	43	0	0	0	43
<b>Total</b>	<b>194</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>43</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>237</b>

### Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	237	0	0	0	0	0	0	0	695	932
Next Step	0	0	0	0	0	0	194	0	0	194
<b>Total</b>	<b>237</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>194</b>	<b>0</b>	<b>695</b>	<b>1125</b>



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
10	52137010- Row Thin	10.5	42110 - Planted Red Pine	Poletimber Well	44	201+	Harvest	Systematic Thinning	4211 - Planted Red Pine	Even-Aged	Draft Field Boundary

**Habitat Cut: No****Site Condition:**

Prescription Cut every third row. Mark some of the pocket of white spruce.

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other

Comment:

Proposed Start Date: 10/01/2017

14	52137014-CC	22.0	4130 - Aspen	Poletimber Well	38	51-80	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	Draft Field Boundary
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**Habitat Cut: No****Site Condition:**

Prescription Clearcut with retention. Leave Red Pine.

Specs:

Next Step

Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable

Minimum stocking of aspen, red maple and balsam fir.

Regen:

Other

Comment:

Proposed Start Date: 10/01/2017

25	52137025-NF	19.6	622 - Lowland Shrub	Nonstocked	Unspec ified	NonForestMgt	Brush Cutting		6220 - Alder/willow		Draft Field Boundary
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**Habitat Cut: No****Site Condition:**

Prescription Non-commercial harvest of tag alder.

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other

Comment:

Proposed Start Date: 10/01/2017

26	52137026-NF	0.8	6239 - Mixed Emergent Wetland	Nonstocked	Unspec ified	NonForestMgt	Other - Specify		6239 - Mixed Emergent Wetland		Draft Field Boundary
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**Habitat Cut: No****Site Condition:**

Prescription Maintain dike by mowing, brushing, herbicide, and filling holes as needed.

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other

Comment:

Proposed Start Date: 10/01/2017



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
26	52137026-NFx	6.0	6239 - Mixed Emergent Wetland	Nonstocked		Unspec ified	NonForestMgt	Water Level Management	6239 - Mixed Emergent Wetland		Draft Field Boundary

**Habitat Cut: No****Site Condition:**

Prescription Manipulate water levels to enhance habitat for waterfowl and furbearing species of wildlife.

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other

Comment:

Proposed Start Date: 10/01/2017

27	52137027-13- New	0.7	500 - Water	Nonstocked		Unspec ified	NonForestMgt	Other - Specify	500 - Water		Draft Field Boundary
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**Habitat Cut: No****Site Condition:**

Prescription Maintain dike by mowing, brushing, herbicide, and filling holes as needed. Dredge in front of structure as needed.

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other

Comment:

Proposed Start Date: 10/01/2017

27	52137027-NF	68.3	500 - Water	Nonstocked		Unspec ified	NonForestMgt	Water Level Management	500 - Water		Draft Field Boundary
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**Habitat Cut: No****Site Condition:**

Prescription Manipulate water levels to enhance habitat for waterfowl and furbearing species of wildlife.

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other

Comment:

Proposed Start Date: 10/01/2017

30	52137030-NF	40.4	3303 - Mixed Low Density Trees	Nonstocked		Unspec ified	NonForestMgt	Other - Specify	320 - Upland Shrub		Draft Field Boundary
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**Habitat Cut: No****Site Condition:**

Prescription Brush, mow, plant, burn and/or herbicide to maintain opening. Planting of hard and soft mast. Pruning of soft mast shrubs.

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other

Comment:

Proposed Start Date: 10/01/2017



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
38	52137038-NF	151.2	500 - Water	Nonstocked		Unspec ified	NonForestMgt	Water Level Management	500 - Water		Draft Field Boundary

**Habitat Cut: No****Site Condition:**

Prescription Manipulate water levels to enhance habitat for waterfowl and furbearing species of wildlife.

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other

Comment:

Proposed Start Date: 10/01/2017

39	52137039-NF	391.2	6225 - Bog	Nonstocked		Unspec ified	NonForestMgt	Water Level Management	6225 - Bog		Draft Field Boundary
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**Habitat Cut: No****Site Condition:**

Prescription Manipulate water levels to enhance habitat for waterfowl and furbearing species of wildlife.

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other

Water level manipulation in adjacent stands will likely impact this bog.

Comment:

Proposed Start Date: 10/01/2017

43	52137043-CC	114.1	4130 - Aspen	Poletimber Well	34	51-80	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	Draft Field Boundary
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**Habitat Cut: No****Site Condition:**

Prescription Cut everything to 2"DBH, leave all oak. Leave retention in pockets.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Minimum stocking of aspen and northern hardwood.

Regen:

Other

Comment:

Proposed Start Date: 10/01/2017

47	52137047-CC	9.8	4123 - Red Oak	Sawtimber Well	97	141- 170	Harvest	Clearcut with Retention	4199 - Other Mixed Upland Deciduous	Even-Aged	Draft Field Boundary
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**Habitat Cut: No****Site Condition:**

Prescription Clearcut. Mark 2 to 3 oak/acre to leave. Leave the part of the stand north of the drainage for retention.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Minimum stocking of oak and northern hardwood.

Regen:

Other

Comment:

Proposed Start Date: 10/01/2017



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	52137052-CC	47.7	4131 - Aspen, Oak	Sawtimber Well	58	51-80	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	Draft Field Boundary

**Habitat Cut: No****Site Condition:**

Prescription Clearcut with retention. Mark 2 to 3 oak/acres to leave.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Minimum stocking of aspen and hardwood.

Regen:

Other

Comment:

Proposed Start Date: 10/01/2017

67	52137067- Mark	7.6	42210 - Natural Red Pine	Sawtimber Well	88	201+	Harvest	Crown Thinning	4221 - Natural Red Pine	Even-Aged	Draft Field Boundary
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**Habitat Cut: No****Site Condition:**

Prescription Thin stand to 120 to 130 BA.

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other

Comment:

Proposed Start Date: 10/01/2017

69	52137069- Mark	9.7	42110 - Planted Red Pine	Sawtimber Well	55	141- 170	Harvest	Crown Thinning	4211 - Planted Red Pine	Even-Aged	Draft Field Boundary
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**Habitat Cut: No****Site Condition:**

Prescription Thin stand to 100 to 120 BA.

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other

Comment:

Proposed Start Date: 10/01/2017

72	52137072-RP- Mark	15.6	42110 - Planted Red Pine	Sawtimber Well	55	141- 170	Harvest	Crown Thinning	4211 - Planted Red Pine	Even-Aged	Draft Field Boundary
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**Habitat Cut: No****Site Condition:**

Prescription Mark stand to 120 BA. Concentrate marking on releasing quality stems, removing trees of low quality and poor form

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other

Comment:

Proposed Start Date: 10/01/2017



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
400	52137400-NF	16.4	310 - Herbaceous Openland	Nonstocked		Unspec ified	NonForestMgt	Other - Specify	310 - Herbaceous Openland		Draft Field Boundary

**Habitat Cut: No**

**Site Condition:**

Prescription Brush, mow, plant, burn and/or herbicide to maintain opening. Planting of hard and soft mast. Pruning of soft mast shrubs.

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other

Comment:

Proposed Start Date: 10/01/2017

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**Total Treatment  
Acreage Proposed: 931.6**



## Report 4 – Site Conditions

Gaylord Mgt. Unit  
Shannon Harig : Examiner

Compartment: 137  
Year of Entry: 2018

### Availability for Management

Total Acres	Acres Available	Acres Avail		Dominant Site Conditions	Dominant Site Conditions			
		With Condition	Not Available		2I	4A	5C	3D
487	480	7	0	Aspen	7			
759	759	0	0	Bog				
45	45	0	0	Cedar				
46	46	0	0	Herbaceous Openland				
11	11	0	0	Jack Pine				
40	40	0	0	Low-Density Trees				
125	125	0	0	Lowland Aspen/Balsam Poplar				
3	3	0	0	Lowland Conifers				
81	81	0	0	Lowland Deciduous				
428	428	0	0	Lowland Shrub				
7	7	0	0	Marsh				
1	0	1	0	Northern Hardwood		1		
51	11	39	0	Oak			39	
5	0	0	5	Paper Birch				5
70	44	0	26	Red Pine				26
1169	1169	0	0	Tamarack				
30	30	0	0	Upland Mixed Forest				
13	13	0	0	Upland Shrub				
232	232	0	0	Water				
7	7	0	0	White Pine				
3,611	3,533	47	32	Total Forested Acres	7	1	39	32
	98%	1%	1%	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	3D: Recreational / Scenic values	27	5C: Delay treatment for age/size class diversity or exceptional site quality	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							

## Report 4 – Site Conditions

Gaylord Mgt. Unit  
Shannon Harig : Examiner

Compartment: 137  
Year of Entry: 2018

2	Available	2I: Survey needed	7	2B: Unknown if access through adjacent landowner(s) is possible	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
3	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	36	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
34	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	3	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
73	Available	4A: No Markets Available for these Forest Products	1	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
74	Unavailable	3D: Recreational / Scenic values	1	4A: No Markets Available for these Forest Products	2A: Adjacent landowner denied access	Unspecified	Unspecified
<b>Comments:</b>							
75	Unavailable	3D: Recreational / Scenic values	4	4A: No Markets Available for these Forest Products	2A: Adjacent landowner denied access	Unspecified	Unspecified
<b>Comments:</b>							

Mgt. Unit

Compartment: #Type!

Year of Entry:



### Report 5 – 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



**Report 6 – 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	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.



Stand	Gaylord Mgt. Unit		Report 7 – Forested Stands			Compartment: 137 Year of Entry: 2018	
	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:	
1	4130 - Aspen	Poletimber Well	7.9	41	81-110		
2	6119 - Mixed Lowland Deciduous Forest	Poletimber Well	23.8	70	51-80		
3	6112 - Lowland Aspen	Poletimber Well	48.4	37	51-80		
4	6119 - Mixed Lowland Deciduous Forest	Poletimber Well	6.5	60	81-110		
6	6117 - Lowland Deciduous, Mixed Coniferous	Sapling Well	49.0	42	1-50	OPIC - FMD: Cedar is dying, possibly due to fluctuating water levels. Will probably convert to lowland hardwood.	
9	4130 - Aspen	Poletimber Well	56.2	27	111-140	Looks good.	
10	42110 - Planted Red Pine	Poletimber Well	10.7	44	201+	OPIC - FMD: Planted on 10' x 10' spacing.	
12	4130 - Aspen	Sapling Well	40.1	17	Immature	OPIC - FMD: 2001 - AREAS OF STAND THAT HAD LARGE AMOUNTS OF WHITE BIRCH HAD STRIPS OF BIRCH RUNNING NORTH/SOUTH LEFT, AFTER SALE WAS COMPLETE A SKIDDER WITH A DISK WAS USED TO SCARIFY THE SOIL BETWEEN THE STRIPS TO ENCOURAGE WHITE BIRCH REGEN. 2006 - Paper birch seed trees were left when harvested in 2000. Some scarification was done. Birch regen from seed and stump sprouting looks good. Most of the seed trees are still alive and standing. Some aspen regen throughout stand.	
14	4130 - Aspen	Poletimber Well	22.0	38	51-80	Well stocked, vigorous.	
15	42210 - Natural Red Pine	Sawtimber Well	26.5	118	111-140		
16	4130 - Aspen	Poletimber Well	72.2	38	51-80	Looks good.	
19	6112 - Lowland Aspen	Poletimber Well	22.2	36	111-140		
21	6124 - Lowland Spruce- Fir	Poletimber Well	3.3	113	111-140		
22	4311 - Pine, Aspen Mix	Poletimber Medium	29.5	56	51-80	Mix of mostly white pine with some red pine, white spruce and aspen.	
23	6112 - Lowland Aspen	Poletimber Well	12.1	39	81-110	Wet, some tag alder, dogwood and paper birch.	
31	6112 - Lowland Aspen	Poletimber Well	23.6	36	81-110	Looks good and healthy.	



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
32	6112 - Lowland Aspen	Poletimber Well	19.2	45	1-50	
33	6120 - Lowland Cedar	Poletimber Well	18.9	113	171-200	Healthy, good looking stand.
34	4123 - Red Oak	Poletimber Well	2.7	96	141-170	Good quality stand of oak.
43	4130 - Aspen	Poletimber Well	114.1	34	51-80	
45	4130 - Aspen	Sapling Well	7.1	20	Immature	
47	4123 - Red Oak	Sawtimber Well	11.5	97	141-170	Nice looking oak. Maple is marginal. Beech scale present, no oak in north part of the stand. There is a small drainage crossing the north part of the stand.
50	4130 - Aspen	Sawtimber Well	2.5	73	111-140	Looks good. Small stand, no access. Leave for visuals along I-75.
51	42120 - Planted Jack Pine	Poletimber Medium	11.5	56	1-50	Poor quality. This was probably an old borrow pit from highway construction. Narrow strip of J.P. to west on higher ground looks good.
52	4131 - Aspen, Oak	Sawtimber Well	47.7	58	51-80	Stand looks healthy. Small pocket of pole/log size red pine in the southern part of the stand.
53	42200 - Natural White Pine	Poletimber Well	6.7	180	51-80	Natural stand, multi age. Looks healthy despite site conditions.
54	6121 - Tamarack	Sapling Poor	86.0	36	Immature	Leatherleaf, tamarack appears healthy.
64	4130 - Aspen	Sapling Well	36.5	19	Immature	OPIC - FMD: 1998 - THIS STAND WAS CLEARCUT IN EARLY 1998 TO BE MANAGED FOR ASPEN. Some residual oak. Some paper birch and red maple regen present.
66	4123 - Red Oak	Poletimber Well	36.4	97	51-80	Oak looks good. Adjacent to I-75 corridor.
67	42210 - Natural Red Pine	Sawtimber Well	7.6	88	201+	
68	4130 - Aspen	Poletimber Well	48.9	38	81-110	Fair amount of paper birch and red maple regen.
69	42110 - Planted Red Pine	Sawtimber Well	9.7	55	141-170	
71	4130 - Aspen	Poletimber Well	16.4	27	81-110	Looks good, some paper birch and red maple regen.

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## Gaylord Mgt. Unit

## Report 7 – Forested Stands

Compartment: 137  
Year of Entry: 2018

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
72	42110 - Planted Red Pine	Sawtimber Well	15.6	55	141-170	
73	4116 - Mixed N. Hardwood - Aspen	Sawtimber Well	1.1	75	111-140	
75	4140 - Other Upland Deciduous	Poletimber Well	5.1	70	111-140	
77	6120 - Lowland Cedar	Poletimber Medium	26.3	81	51-80	OI - A lot of mortality in the larger cedar, fir and birch. The smaller cedar and fir look OK.
78	413 - Aspen	Poletimber Well	8.6	38	51-80	Just entering pole class, looks good.
79	6117 - Lowland Deciduous, Mixed Coniferous	Sapling Medium	5.4	38	1-50	OI: A lot of mortality, wet.
81	4130 - Aspen	Sawtimber Well	6.6	73	111-140	Small stand adjacent to I-75. Leave for visuals.
82	6121 - Tamarack	Poletimber Poor	1,083.2	47	1-50	Leatherleaf, tamarack appears healthy. A lot of mortality in places, some white pine understory.



Stand	Cover Type	Acres	Managed Site	General Comments:
5	622 - Lowland Shrub	69.1	No	Tag alder.
7	622 - Lowland Shrub	51.2	No	Tag alder.
8	622 - Lowland Shrub	37.8	No	Tag alder.
13	6225 - Bog	11.1	No	Leatherleaf. Scattered white pine and red pine (stunted and yellowing).
17	622 - Lowland Shrub	71.8	No	Tag alder and some scattered BAM and red maple.
20	622 - Lowland Shrub	8.4	No	Marsh/tag alder. Mill Creek.
24	320 - Upland Shrub	12.5	No	Some sapling/small pole size red maple and paper birch. Pole size red pine scattered throughout the stand with heavier concentration to the south west.
25	622 - Lowland Shrub	19.6	No	Tag alder.
26	6239 - Mixed Emergent Wetland	6.8	No	
27	500 - Water	69.0	No	
30	3303 - Mixed Low Density Trees	40.4	No	Quite a mix of species. A couple small pockets of aspen, a few balsam fir, cherry brush, and some paper birch, white pine and red pine.
35	622 - Lowland Shrub	4.2	No	Tag alder.
37	622 - Lowland Shrub	18.8	No	
38	500 - Water	151.2	No	
39	6225 - Bog	391.2	No	Leatherleaf
40	6225 - Bog	281.7	No	Leatherleaf, scattered small white pine(unhealthy) and tamarack.
41	6225 - Bog	43.3	No	Leatherleaf. A lot of dead white pine 10' - 20' tall. A lot of small (2' - 6' tall) yellowing. Tamarack regen present.
42	6225 - Bog	23.0	No	





Stand	Cover Type	Acres	Managed Site	General Comments:
44	500 - Water	11.6	No	Old borrow pit.
48	622 - Lowland Shrub	12.6	No	Tag alder.
49	622 - Lowland Shrub	8.1	No	Tag alder.
55	622 - Lowland Shrub	5.3	No	
56	310 - Herbaceous Openland	0.7	No	
57	622 - Lowland Shrub	29.4	No	Tag alder.
58	310 - Herbaceous Openland	15.7	No	Power Line ROW.
61	6225 - Bog	8.9	No	Leatherleaf
62	310 - Herbaceous Openland	1.5	No	
76	622 - Lowland Shrub	2.9	No	
80	622 - Lowland Shrub	40.2	No	Mostly tag alder and dead cedar and fir. Some small black ash present in areas.
83	622 - Lowland Shrub	49.2	No	Tag alder.
400	310 - Herbaceous Openland	16.4	No	A few large oak in the stand as well as a couple small clones of small pole size aspen. A few apple trees and cherry also present.
404	310 - Herbaceous Openland	5.1	No	Pipeline ROW
405	310 - Herbaceous Openland	3.6	No	
406	310 - Herbaceous Openland	3.1	No	Sumac, scotch pine and honeysuckle present.