



Compartment Review Presentation

Gaylord Forest Management Unit

Compartment 52138

Entry Year 2025

Acreage: 2,314

County Cheboygan

Management Area: Huron Sandy Lake Plain

Stand Examiner: Donald Stacks

Legal Description:

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

Identified Planning Goals:

To provide for the protection, integrated management and responsible use of a healthy, productive, and undiminished forest resource base for the social, recreational, environmental, and economic benefit of the State of Michigan.

Soil and topography:

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

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

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

Unique Natural Features:

Common loon, bald eagle, Grizzled skipper, northern amber bumble bee, and yellow banded bumble bee have been observed in compartment.

Archeological, Historical, and Cultural Features:

One feature is listed within the compartment.

Special Management Designations or Considerations:

None

Watershed and Fisheries Considerations:

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

Wildlife Habitat Considerations:

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

Mineral Resource and Development Concerns and/or Restrictions

Multiple active sand/gravel mining operations exist in the area. The compartment, however, is predominantly low and wet, and potential for sand & gravel development within the compartment appears low. No known potential exists for oil & gas production from known producing formations in the area, and there is no known potential for metallic minerals in this part of the state.

Vehicle Access:

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

Survey Needs:

None.

Recreational Facilities and Opportunities:

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

Fire Protection:

The Indian River DNR Field Office is located about 21 miles to the south. The Inverness Twp. VFD is located about 2 miles south of the compartment on Levering Rd.

Additional Compartment Information:

The following reports from the Inventory are attached:

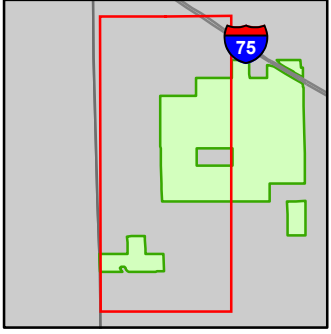
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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

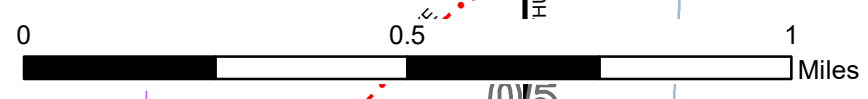
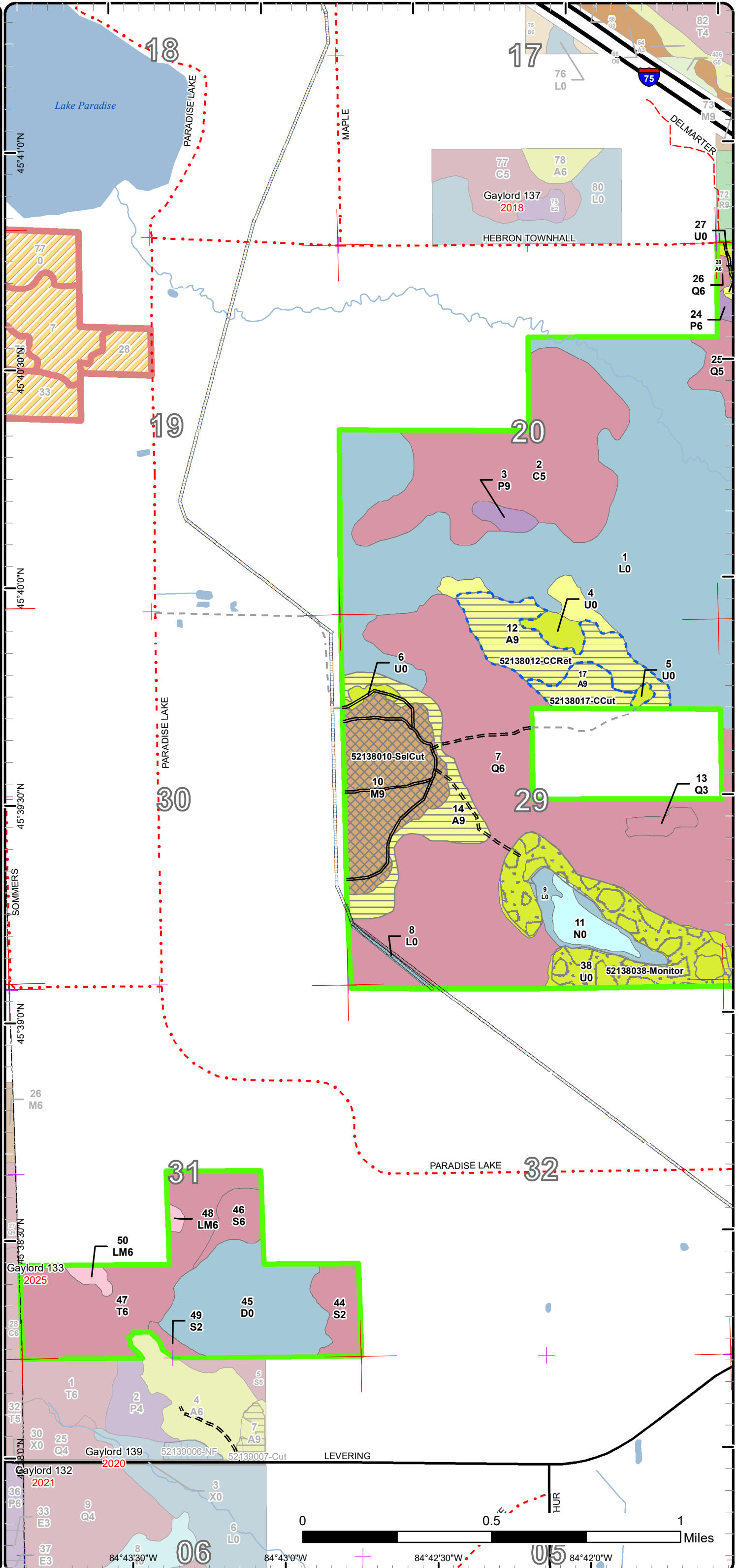
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

Cover Type & Treatments Map

Compartment: 138
 T38N, R03W, Sec. 20-21, 28-29, 31, 33
 County: Cheboygan
 Unit: Gaylord
 Mgmt Area: Huron Sandy Lake Plain
 YOY: 2025
 Acres: 2314.1 GIS Calculated
 Examiner: Donald Stacks
 Map Revised: 10/16/2023
 Map Phase: Post-Maps



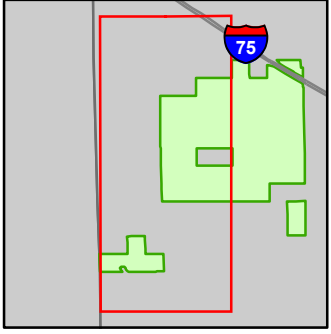
- Miris Corners
- + Remonumented Section Corners
- Counties
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State Highway
- Federal / State / County - Paved Road
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Private - Dirt / Gravel Road
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- Pipeline
- Compartment Boundary
- Treatments with Site Conditions
- Selection (Group, Single Tree)
- Clearcut (w/Reserves)
- Regeneration Survey
- 411 - Northern Hardwood
- 413 - Aspen
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- 622 - Lowland Shrub
- 623 - Emergent Wetland



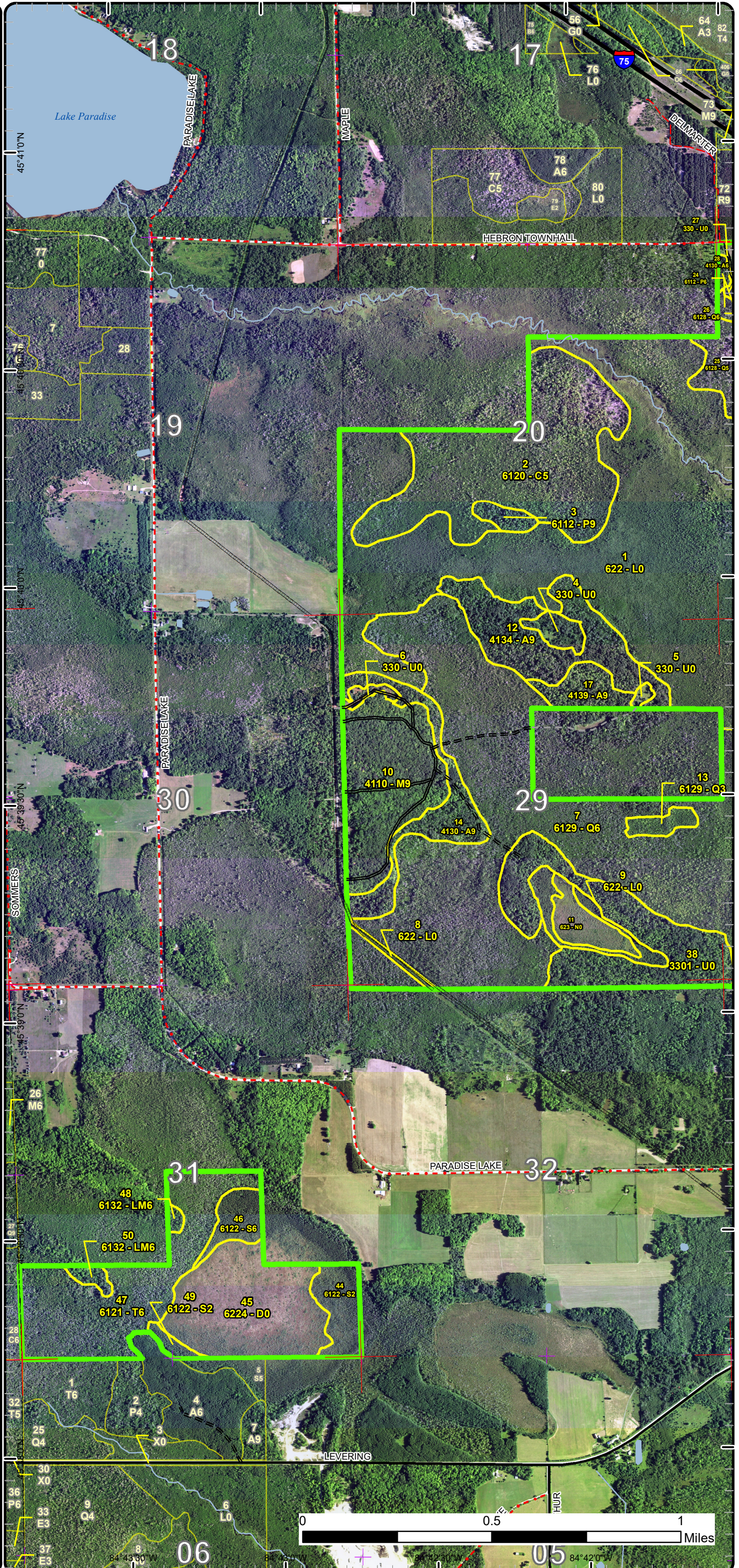
06 05 84°43'30"W 84°43'0"W 84°42'30"W 84°42'0"W

Stand Boundary Map

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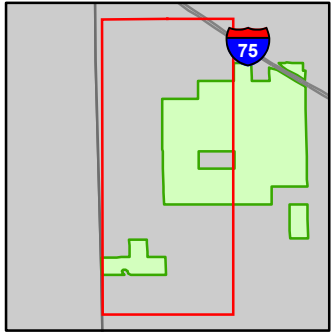


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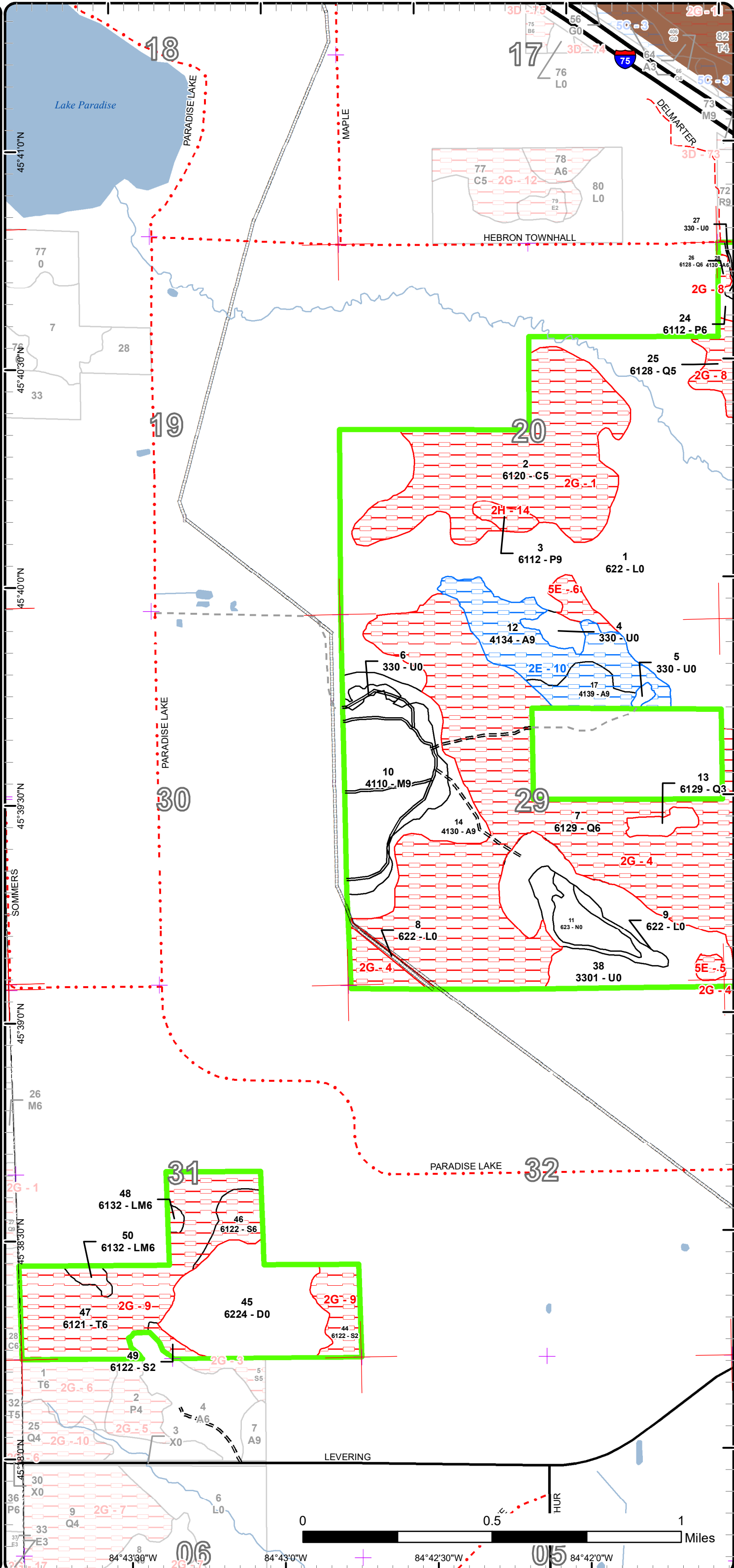


Special Conservation Areas

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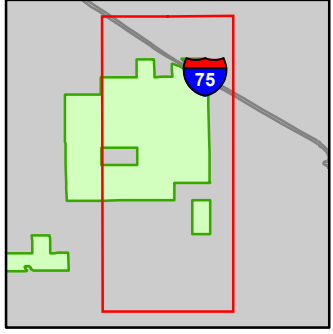


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- 2E: Road needed
- Unavailable
- 2G: Too wet (sensitive soils, does not include access issues)
- 2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)
- 5E: Long-Term Retention
- Stand Boundaries
- Wildlife Management Areas

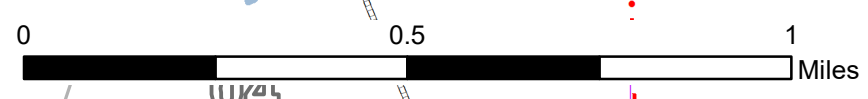
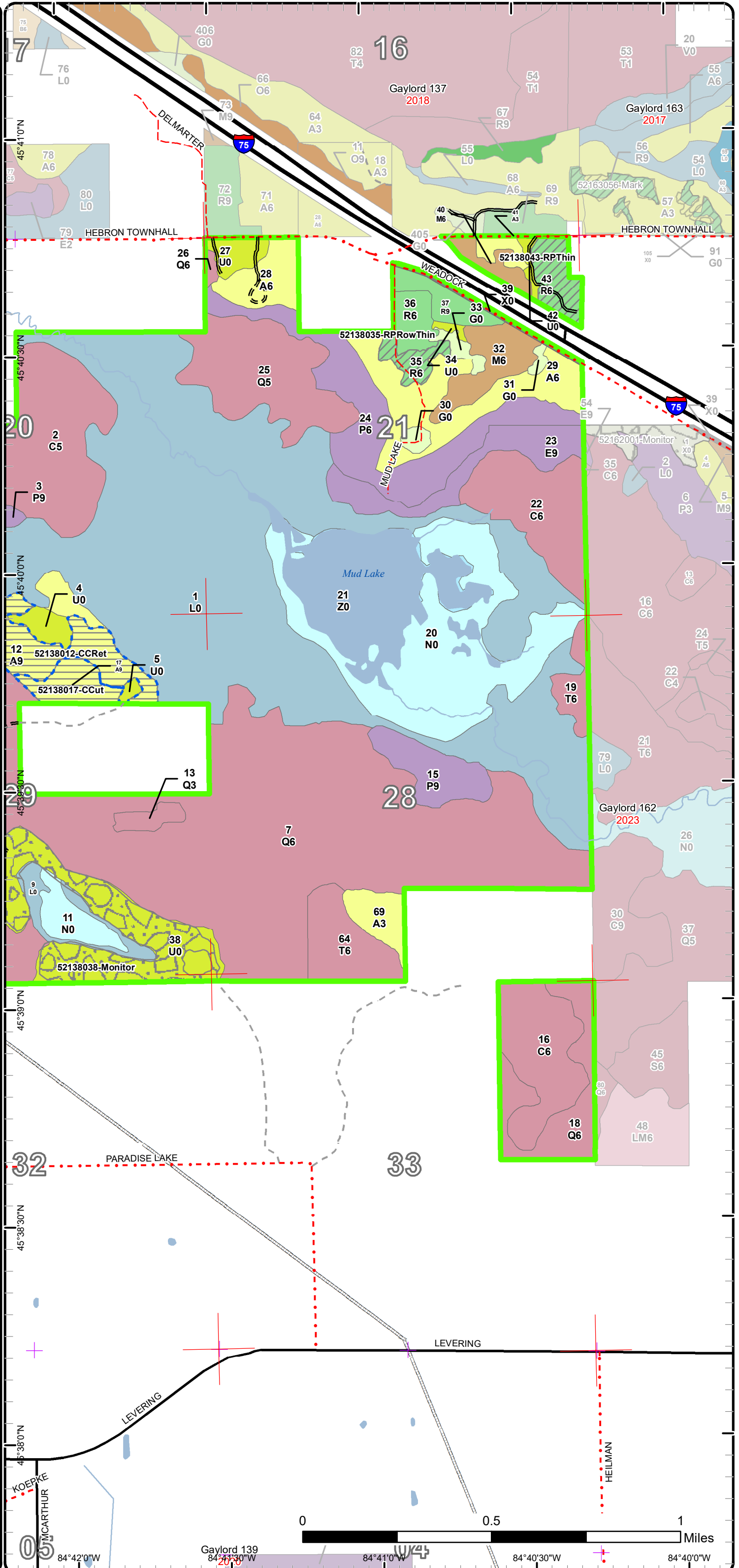


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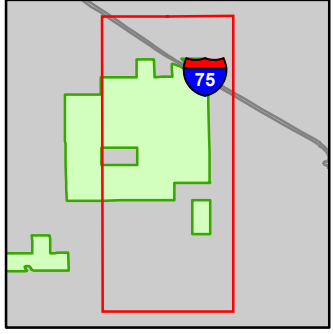
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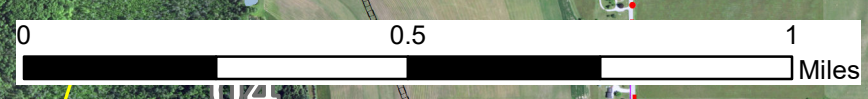
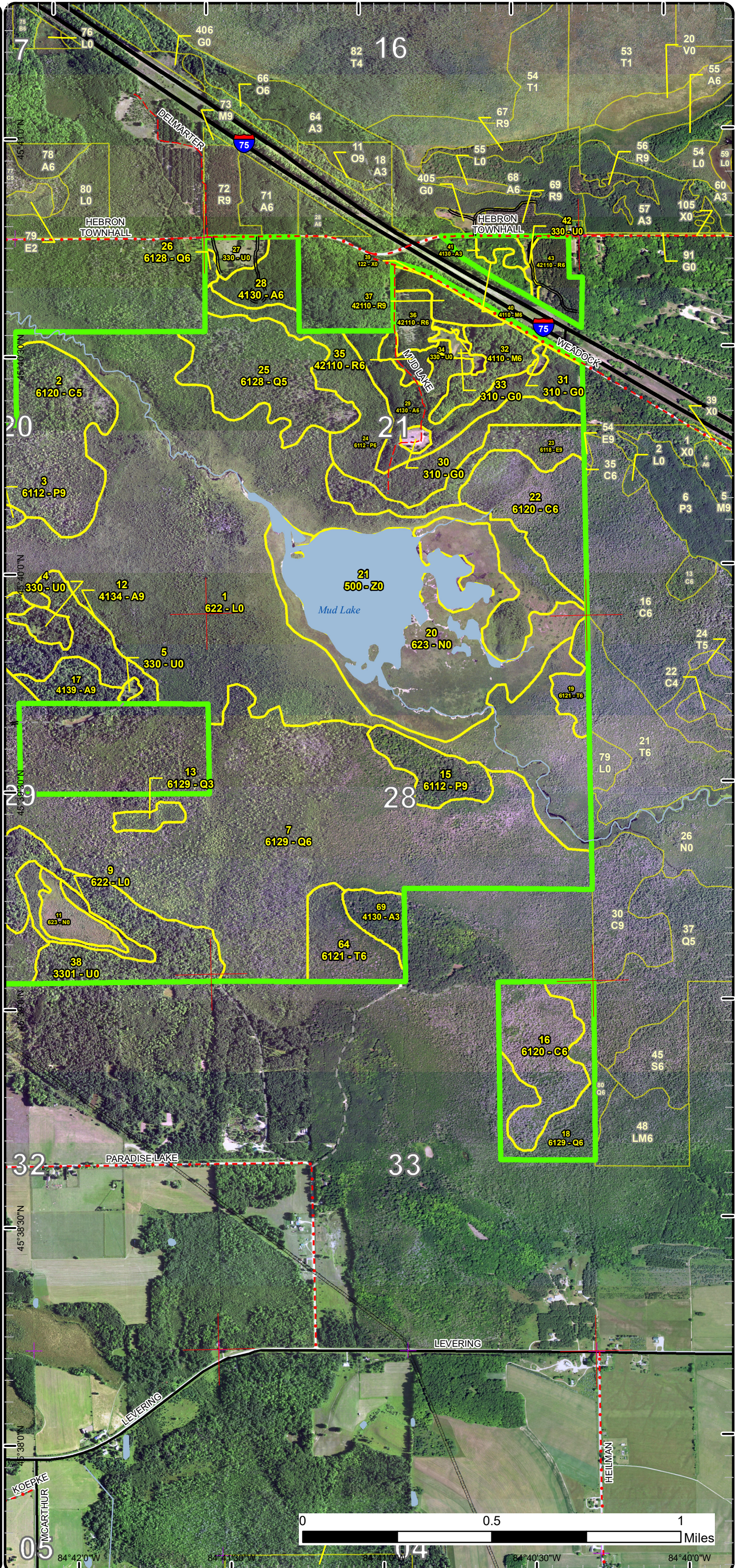
Gaylord 139 84°41'30"W 20'30" N
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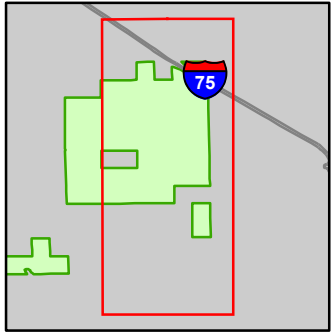


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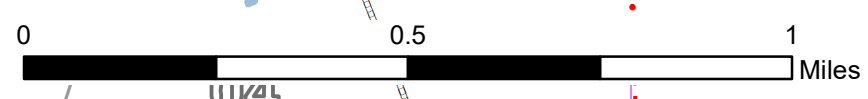
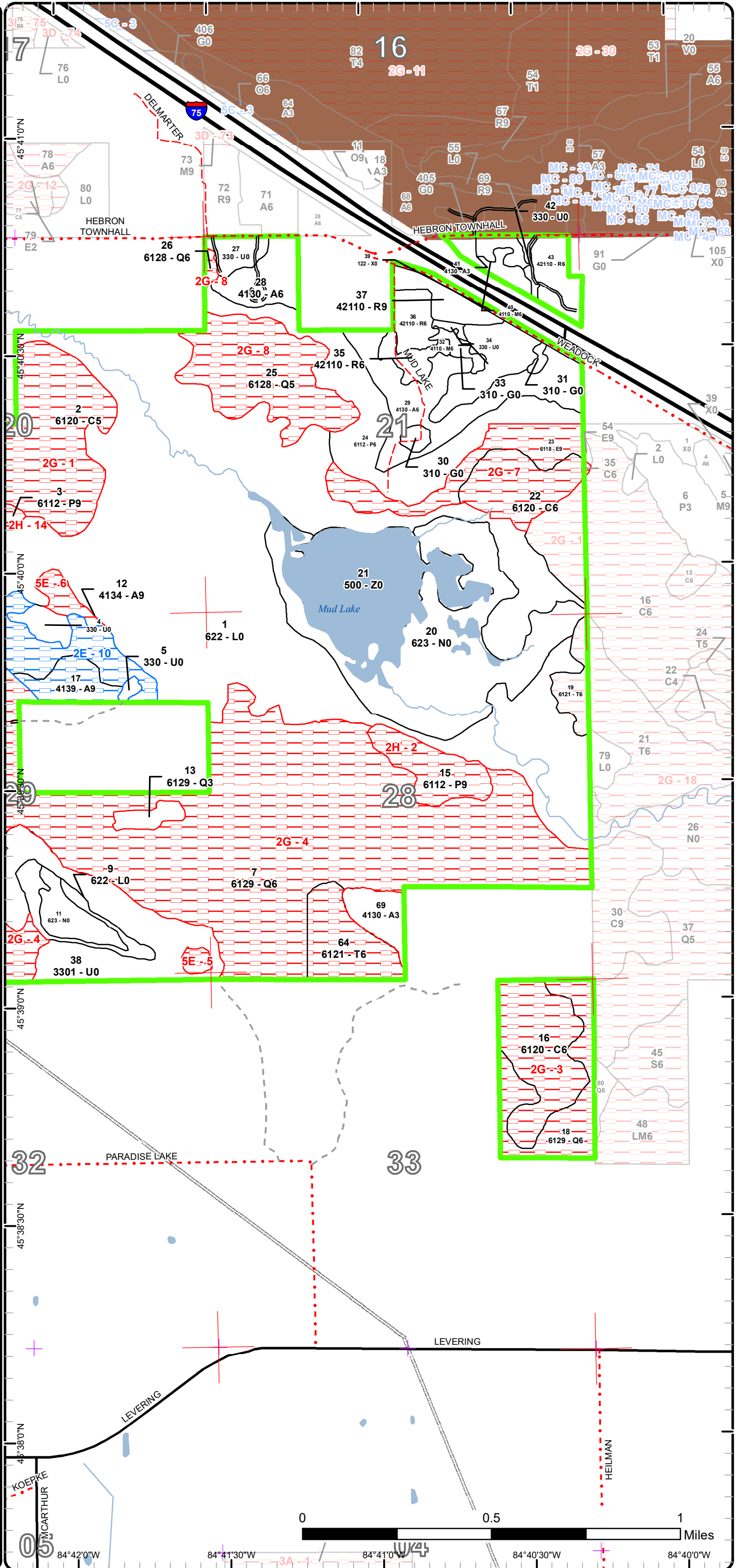


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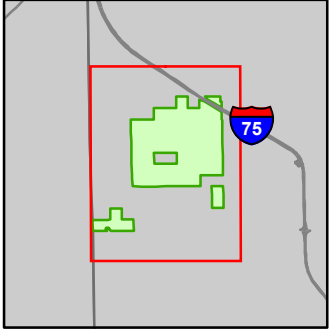
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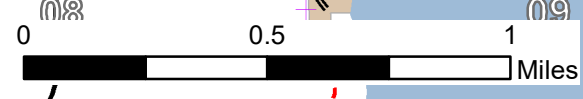
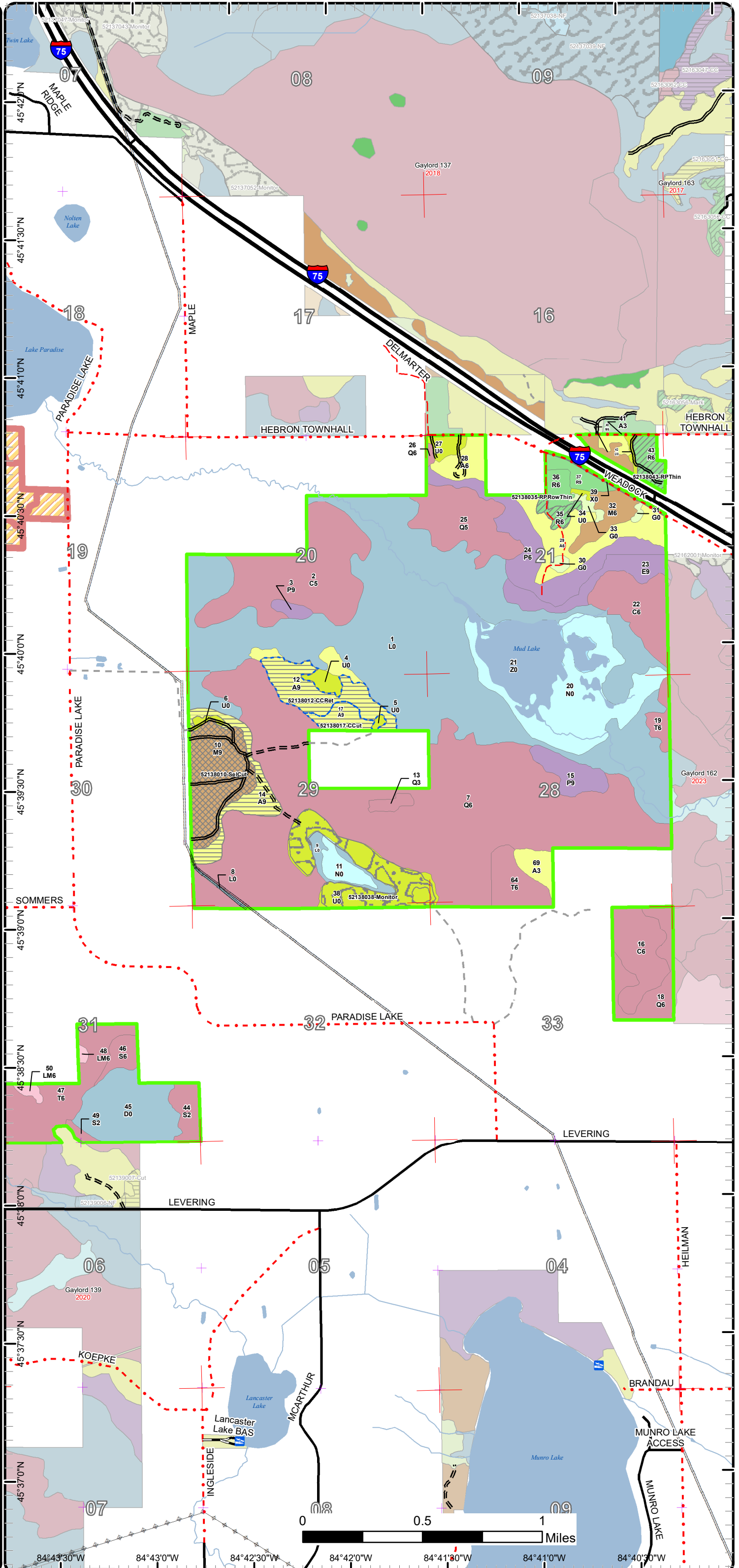
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Report 1 – Total Acres by Cover Type and Age Class



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+	Unseen-Aged	Total
Aspen	0	13	0	5	66	0	0	0	0	0	81	13	0	0	0	0	0	0	177
Cedar	0	0	0	0	0	0	0	0	0	0	123	47	0	0	43	0	0	0	213
Herbaceous Openland	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
Low-Density Trees	88	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	88
Lowland Aspen/Balsam Poplar	0	0	0	0	63	0	0	0	0	22	0	6	0	0	0	0	0	0	91
Lowland Conifers	0	0	0	0	0	6	0	2	0	0	509	0	0	0	92	0	0	0	609
Lowland Deciduous	0	0	0	0	0	0	0	0	0	0	0	30	0	0	0	0	0	0	30
Lowland Mixed Forest	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	5
Lowland Shrub	545	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	545
Lowland Spruce/Fir	0	0	0	0	0	20	0	0	0	0	0	0	11	0	0	0	0	0	31
Marsh	133	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	133
Northern Hardwood	0	0	0	0	0	0	0	0	0	8	0	84	0	0	0	0	0	0	92
Red Pine	0	0	0	0	18	0	0	25	0	0	0	0	0	0	0	0	0	0	43
Tamarack	0	0	0	0	0	0	0	0	0	0	38	0	0	76	0	0	0	0	114
Treed Bog	66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66
Urban	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Water	64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	64
Total	908	13	0	5	147	26	0	27	0	30	751	180	11	81	135	0	0	0	2313



Report 2 – Treatment Summary

Gaylord Mgt. Unit

Compartment 138

Year of Entry: 2025

Acres of Harvest

Total Compartment Acres: 2,314

Commercial Harvest - 116
 Harvests with Site Condition - 54
 Next Step Harvest - 0
 Habitat Cut - 0

Cover Type by Harvest Method

	Clearcut	Selection	Patch Clearcut	Seed Tree	Shelterwood	Thinning	Oversyory Removal	Salvage	Other	Total Acres
Aspen	85	0	0	0	0	0	0	0	0	85
Northern Hardwood	0	64	0	0	0	0	0	0	0	64
Red Pine	0	0	0	0	0	22	0	0	0	22
Total	85	64	0	0	0	22	0	0	0	170

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	170	0	0	0	0	0	60	0	0	230
Next Step	0	0	0	0	0	0	149	0	0	149
Total	170	0	0	0	0	0	209	0	0	379



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	Habitat Cut
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Approved Treatments:

10	52138010- SelCut	63.9	4110 - Sugar Maple Association	Sawtimber Well	100	111- 140	Harvest	Single Tree Selection	411 - Northern Hardwood	Even-Aged	No
<p><u>Prescription</u> Mark trees to harvest with a desired residual BA of 70 - 80 sq. ft. Remove cut all ash from original specs. Create 2 - 3 regeneration gaps of 80 feet every 5 acres. No harvest operations during barkslip season, unless changed with written permission from Gaylord Unit Manager. Verify most recent Comp. 138 eagle nest information and use appropriate sale specs as needed.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u> Mixed northern hardwood. Excessive white ash and beech regen may require further cultivation treatments, such as herbicide application and supplemental planting of desired species.</p> <p><u>Other Comment:</u> Access stand from the west through private property.</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2023</p>											
12	52138012- CCRet	40.9	4134 - Aspen, Spruce/Fir	Sawtimber Well	90	Unspec ified	Harvest	Clearcut with Retention	4134 - Aspen, Spruce/Fir	Even-Aged	No
<p><u>Prescription</u> Harvest all trees 2" and larger at DBH, except white cedar, hemlock, and apple trees. Also, any trees marked with teal paint shall be felled and placed into piles to serve as snowshoe hare habitat. Also include drumming log specs. An unharvested retention area will be created in the NE part of the sale. Verify most recent Comp. 138 eagle nest information and use appropriate sale specs as needed. Also, no equipment is allowed to operate in the grass opening east of the sale boundary.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u> A moderate to well-stocked mix of aspen, conifers, and deciduous species.</p> <p><u>Other Comment:</u> Stands 12 and 17 are optional harvest stands for the producer. If it is not possible to gain access to these stands with harvest equipment because of excessively wet soil, the stands may not be harvested, without a penalty, and the stumpage value bid will be returned to the contract holder. It is recommended that harvest activities occur during frozen winter months or dry summer months to reduce excessive soil rutting. Access will be through private property from the west or south.</p> <p><u>Site Condition</u> Road Needed</p> <p><u>Proposed Start Date:</u> 10/1 /2023</p>											
14	52138014- CCut	30.4	4130 - Aspen	Sawtimber Well	90	Unspec ified	Harvest	Clearcut	4139 - Aspen, Mixed Deciduous	Even-Aged	No
<p><u>Prescription</u> Harvest all trees 2" and larger at DBH, except white cedar, hemlock, and apple trees. No unharvested retention will be left in this narrow stand. Verify most recent Comp. 138 eagle nest information and use appropriate sale specs as needed. Include drumming log specs.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u> A moderate to well-stocked stand of aspen/mixed deciduous.</p> <p><u>Other Comment:</u> It is recommended that harvest activities occur during frozen winter months or dry summer months to reduce excessive soil rutting. Access will be through private property from the west.</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2023</p>											



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Stand	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
17	52138017-CCut	13.4	4139 - Aspen, Mixed Deciduous	Sawtimber Well	100	Unspecified	Harvest	Clearcut	4139 - Aspen, Mixed Deciduous	Even-Aged	No
<p><u>Prescription</u> Harvest all trees 2" and larger at DBH, except white cedar, hemlock, and apple trees. No unharvested retention will be left in this small stand. No equipment is allowed to operate in the grass opening located NW of Stand 17. Verify most recent Comp. 138 eagle nest information and use appropriate sale specs as needed. Include drumming log specs.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> A moderate to well-stocked stand of aspen/mixed deciduous species.</p> <p><u>Regen:</u></p> <p><u>Other</u> Stands 17 and 12 are optional harvest stands for the producer. If it is not possible to gain access to these stands with harvest equipment because of excessively wet soil, the stands may not be harvested, without a penalty, and the stumpage value bid will be returned to the contract holder. It is recommended that harvest activities occur during frozen winter months or dry summer months to reduce excessive soil rutting. Access will be through private property from the south or west.</p> <p><u>Comment:</u></p> <p><u>Site Condition</u> Road Needed</p> <p><u>Proposed Start Date:</u> 10/1 /2023</p>											
35	52138035-RPRowThin	7.7	42110 - Planted Red Pine	Poletimber Well	35	141-170	Harvest	Systematic Thinning	4211 - Planted Red Pine	Even-Aged	No
<p><u>Prescription</u> Cut every third row of red pine. Cut and leave intact on the ground, any hardwood or aspen tree, except oak, that blocks the movement of equipment along the cut row. No harvest activity will be allowed during the barkslip season.</p> <p><u>Specs:</u></p> <p><u>Next Step</u></p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> N/A.</p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2024</p>											
38	52138038-Monitor	59.9	3301 - Low Density Deciduous Trees	Nonstocked	0	Unspecified	Monitoring	Natural Regen (Intermediate)	4136 - Aspen, Mixed Conifer	Even-Aged	No
<p><u>Prescription</u> Monitor regen.</p> <p><u>Specs:</u></p> <p><u>Next Step</u></p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Acceptable regeneration includes a moderate to well stocked mix of aspen and deciduous species.</p> <p><u>Regen:</u></p> <p><u>Other</u> Percent to Treat = 100%</p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2029</p>											



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
43 52138043-RPThin	14.0	42110 - Planted Red Pine	Poletimber Well	61	171-200	Harvest	Crown Thinning	4211 - Planted Red Pine	Even-Aged	No
<p><u>Prescription</u> Mark and thin stand this YOE to a post-harvest BA of 120 sq. ft. Concentrate marking suppressed and poorly formed trees. Fell and leave on the ground any aspen or hardwood, except oak, that blocks the movement of harvest equipment within the sale area. No harvest operations will take place during the barkslip season.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> <u>Treatments:</u></p> <p><u>Acceptable</u> N/A. <u>Regen:</u></p> <p><u>Other</u> <u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2024</p>										

Total Treatment 230.2
Acres Proposed:

Report 4 – Site Conditions

Gaylord Mgt. Unit
Donald Stacks : Examiner

Compartment: 138
Year of Entry: 2025

Availability for Management

Total Acres	Acres Available	Acres Avail		Dominant Site Conditions	Dominant Site Conditions			
		With Condition	Not Available		2E	2G	2H	5E
178	113	57	7	Aspen	57	0		7
213	0	0	213	Cedar		213		
8	8	0	0	Herbaceous Openland				
89	86	0	3	Low-Density Trees		0		3
90	63	0	28	Lowland Aspen/Balsam Poplar			28	
609	6	0	603	Lowland Conifers		603		
30	0	0	30	Lowland Deciduous		30		
5	0	0	5	Lowland Mixed Forest		5		
545	545	0	0	Lowland Shrub				
31	0	0	31	Lowland Spruce/Fir		31		
133	133	0	0	Marsh				
91	91	0	0	Northern Hardwood				
43	43	0	0	Red Pine				
114	0	0	114	Tamarack		114		
66	66	0	0	Treed Bog				
4	4	0	0	Urban				
63	63	0	0	Water				
2,314	1,223	57	1,034	Total Forested Acres	57	997	28	10
	53%	2%	45%	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)	123	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Gaylord Mgt. Unit
Donald Stacks : Examiner

Compartment: 138
Year of Entry: 2025

2	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	22	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
3	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	76	2B: Unknown if access through adjacent landowner(s) is possible	Unspecified	Unspecified	Unspecified
Comments:							
4	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	537	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
5	Unavailable	5E: Long-Term Retention	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
6	Unavailable	5E: Long-Term Retention	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
7	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	59	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Gaylord Mgt. Unit
Donald Stacks : Examiner

Compartment: 138
Year of Entry: 2025

8	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	61	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
9	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	112	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
10	Available	2E: Road needed	57	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
14	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

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.

Conservation Area	Type	Description	ERA = Ecological Reference Area HCVA = High Conservation Value Area SCA = Special Conservation Area
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																					
1	622 - Lowland Shrub	Nonstocked	531.5		Unspecified	No	Large tag alder/lowland shrub stand.																																					
2	6120 - Lowland Cedar	Poletimber Medium	122.6	90	Unspecified	N/A																																						
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Tag Alder	Full	5 - 10 feet	Tall Shrub																																									
3	6112 - Lowland Aspen	Sawtimber Well	5.6	100	Unspecified	N/A	Inaccessible due to wet ground on all sides.																																					
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4	330 - Low-Density Trees	Nonstocked	6.8		Unspecified	No	Scattered saplings and shrubs located on slightly higher ground.																																					
5	330 - Low-Density Trees	Nonstocked	1.5		Unspecified	No	Scattered saplings and shrubs on slightly higher ground.																																					
6	330 - Low-Density Trees	Nonstocked	3.0		Unspecified	No	Scattered saplings and shrubs located on slightly higher ground.																																					
7	6129 - Mixed Coniferous Lowland Forest	Poletimber Well	509.4	90	51-80	N/A																																						
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8	622 - Lowland Shrub	Nonstocked	2.4		Unspecified	No	Lowland shrub located on utility ROW.																																					
9	622 - Lowland Shrub	Nonstocked	11.2		Unspecified	No																																						



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																											
10	4110 - Sugar Maple Association	Sawtimber Well	63.9	100	111-140	N/A	Mixed hardwood stand was prescribed, prepared, and sold for selection harvest during the 2015 YOE (Paradise Lake Road Mix, 52-122-15, Unit 1A and 1B). The contract holder declined to extend the sale and forfeited it in January 2020 without ever starting harvest operations. BA = 130. Permission was granted to cross private property to access the sale. Original tree marking paint and boundary faded but visible. Re-advertise the sale with current prices. Move treatment start date to 10/01/2023.																																											
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11	623 - Emergent Wetland	Nonstocked	13.3		Unspecified	No																																												
12	4134 - Aspen, Spruce/Fir	Sawtimber Well	50.8	90	Unspecified	N/A	Mixed stand of mostly quaking aspen, balsam fir, and red maple. Areas of low ground within stand. The stand was prescribed, prepared, and sold for final harvest during the 2015 YOE (Paradise Lake Road Mix, 52-122-15, Unit 2). The contract holder declined to extend the sale and forfeited it in January 2020 without ever starting harvest operations. Permission was granted to cross private property to access the sale. Original boundary paint faded but visible. Re-advertise the sale with current prices. Move treatment start date to 10/01/2023.																																											
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13	6129 - Mixed Coniferous Lowland Forest	Sapling Well	6.0	44	Unspecified	N/A	Stand was cut and left on ground to feed deer by local landowner during winters of 1976 to 1979.																																											
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15	6112 - Lowland Aspen	Sawtimber Well	22.1	80	Unspecified	N/A	Stand is surrounded by low, wet ground. Factor limit. No access to stand. Stand is a mix of aspen, red maple, basswood, and balsam fir located on slightly higher ground.																																											
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17	4139 - Aspen, Mixed Deciduous	Sawtimber Well	13.4	100	Unspecified	N/A	Mixed stand of mostly BTA, red maple, and sugar maple. The stand was prescribed, prepared, and sold for final harvest during the 2015 YOE (Paradise Lake Road Mix, 52-122-15, Unit 4). The contract holder declined to extend the sale and forfeited it in January 2020 without ever starting harvest operations. Permission was granted to cross private property to access the sale. Original boundary paint faded but visible. Re-advertise the sale with current prices. Move treatment start date to 10/01/2023.																																											
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18	6129 - Mixed Coniferous Lowland Forest	Poletimber Well	32.8	130	Unspecified	N/A																																												
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19	6121 - Tamarack	Poletimber Well	10.7	92	81-110	N/A																																												
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20	623 - Emergent Wetland	Nonstocked	120.0		Unspecified	No																																												
21	500 - Water	Nonstocked	63.5		Unspecified	No	Mud Lake.																																											
22	6120 - Lowland Cedar	Poletimber Well	47.1	102	81-110	N/A																																												
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23	6118 - Lowland Deciduous with Cedar	Sawtimber Well	30.4	105	Unspecified	N/A	Mixed stand on wet ground too wet to harvest. Factor limited. Stand will convert to mostly swamp conifers.																																														
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24	6112 - Lowland Aspen	Poletimber Well	62.8	36	51-80	N/A	Stand consists of a mix of aspen/red maple smaller diameter poletimber and saplings from 1987 final harvest. Stand is in a transition zone between upland and lowland. Fairly wet soil, but operable when ground is dry or frozen. Possible final harvest in 20 years.																																														
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Serviceberry (Juneberry)	Low	>20 feet	Sapling																																																		
27	330 - Low-Density Trees	Nonstocked	8.0		Unspecified	No	Mixed saplings/upland shrubs.																																														
28	4130 - Aspen	Poletimber Well	17.8	36	51-80	N/A	Stand consists of a well-stocked mix smaller diameter BTA and red maple poletimber and saplings from 1987 final harvest. Possible final harvest in 20 years.																																														
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments			
29	4130 - Aspen	Poletimber Well	47.7	36	51-80	N/A	Well-stocked mixed aspen/hardwood, smaller diameter poletimber and saplings from 1987 final harvest. Possible final harvest in 20 years.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Bigtooth Aspen		90	Pole/Sapling	5	36	Sugar Maple		Medium	10 - 20 feet	Sapling
Paper Birch		10	Sapling/Pole	4		Balsam Fir		Low	Variable	Sapling
						Red Maple		Medium	10 - 20 feet	Sapling
30	310 - Herbaceous Openland	Nonstocked	2.8		Unspecified	No	Grass opening with encroaching saplings.			
31	310 - Herbaceous Openland	Nonstocked	1.6		Unspecified	No	Small grass opening with encroaching saplings and upland shrubs.			
32	4110 - Sugar Maple Association	Poletimber Well	19.8	105	81-110	N/A	Mixed hardwood stand, mostly sugar maple poletimber. Lesser amounts of basswood, paper birch, and quaking aspen. Present BA is about 95 sq. ft. Possible selection cut in 20 - 30 years. Adjacent to county road.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Quaking Aspen		5	Log	12		Beech		Low	10 - 20 feet	Sapling
Basswood		20	Log/Pole	12		Balsam Fir		Low	Variable	Sapling
Sugar Maple		70	Pole/Sap/Log	8	105	Ironwood		Medium	10 - 20 feet	Sapling
Paper Birch		5	Pole/Log	9		Sugar Maple	High	Variable	Sapling	
33	310 - Herbaceous Openland	Nonstocked	3.7		Unspecified	No	Grass opening, a few encroaching saplings and upland shrubs.			
34	330 - Low-Density Trees	Nonstocked	1.3		Unspecified	No	Mixed saplings/upland shrubs.			
35	42110 - Planted Red Pine	Poletimber Well	7.7	35	141-170	N/A	Lesser quality red pine poletimber, 3 - 4 sticks, from 1988 planting. Lesser growth rates, lower site index. Mostly small diameters. Current BA is about 166 sq. ft. Prescribe a treatment this YOE to add diameter growth to residual red pine. Include Stand 43 with this timber sale.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Red Pine		100	Pole	6	35	Red Maple		Low	< 5 feet	Sapling
						Beech	Low	< 5 feet	Sapling	
36	42110 - Planted Red Pine	Poletimber Well	10.3	35	111-140	N/A	Poor quality red pine, mostly two stick poletimber, from 1988 planting. Scattered jack pine also present. Stand is located on poor soil, possibly with areas of topsoil removed. Small diameters, poor growth rates. BA is about 123 sq. ft. presently. Possible first treatment in 20 years.			
Canopy Species		% Cover	Size Class	DBH	Age					
Red Pine		95	Pole/Sapling	5	35					
Jack Pine		5	Pole/Sapling	5						
37	42110 - Planted Red Pine	Sawtimber Well	11.2	61	141-170	N/A	Stand consists of fairly good quality red pine sawtimber with lesser amounts of scattered poletimber. Current BA is about 150 sq. ft. with a majority of nice 12 - 14" crop trees. Stand was last thinned in 2001. Hold treatment ten years to let crop trees add diameter growth. Probable marked thinning next YOE. Adjacent to county road.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Red Pine		100	Log/Pole	12	61	Sugar Maple		Medium	Variable	Sapling
						Ironwood		Low	5 - 10 feet	Sapling
						Beech	Low	Variable	Sapling	



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																					
38	3301 - Low Density Deciduous Trees	Nonstocked	65.2	0	Unspecified	4139 - Aspen, Mixed Deciduous	Final harvest completed on this stand in 01/2023 (Weadock Rd. Mix, 52-123-15). Stand is mostly non-stocked, with areas of sparse regen presently.																																					
39	122 - Road/Parking Lot	Nonstocked	4.1		Unspecified	No	Weadock Rd.																																					
40	4110 - Sugar Maple Association	Poletimber Well	7.8	85	51-80	N/A	Small stand lower stocked sugar maple poletimber, with lesser amounts of basswood, paper birch, and big-toothed aspen. Adjacent to freeway and county road. Present BA is about 80 sq. ft. Possible treatment in 20 years.																																					
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41	4130 - Aspen	Sapling Well	4.9	27	Immature	N/A	Small stand of BTA regen from 1996 harvest. Larger saplings in transition to small poletimber. Dense sugar maple saplings in understory. Adjacent to county road.																																					
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42	330 - Low-Density Trees	Nonstocked	2.6		Unspecified	No	Encroaching mixed hardwood, aspen and red pine saplings and upland shrubs. Adjacent to county road.																																					
43	42110 - Planted Red Pine	Poletimber Well	14.0	61	171-200	N/A	Variable diameter red pine stand. Densely stocked, smaller diameter poletimber in the east half, with many suppressed trees. Lesser stocked, limby, poorly formed larger diameters in the west half. Present BA is about 172 sq. ft. Last thinned in 1995 (row thinning). Prescribe a marked thinning this YOY to release crop trees and remove poorly formed, limby and suppressed trees. Include Stand 35 as part of the timber sale. Adjacent to freeway and county road.																																					
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44	6122 - Black Spruce	Sapling Medium	16.4	40	1-50	N/A																																						
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45	6224 - Treed Bog	Nonstocked	65.5		Unspecified	No																																						
46	6122 - Black Spruce	Poletimber Well	11.4	110	81-110	N/A																																						
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments		
47	6121 - Tamarack	Poletimber Well	75.9	120	81-110	N/A			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Northern White Cedar		30	Log/Pole/Sap	10		Northern White Cedar	Medium	Variable	Sapling
Tamarack		70	Pole	8	120	Tag Alder	Medium	10 - 20 feet	Tall Shrub
						Balsam Fir	Low	5 - 10 feet	Sapling
48	6132 - Mixed Lowland Forest with Cedar	Poletimber Well	1.7	120	51-80	N/A			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Paper Birch		25	Pole	5		Balsam Fir	Medium	5 - 10 feet	Sapling
Northern White Cedar		45	Pole	8	120				
Quaking Aspen		30	Log	12					
49	6122 - Black Spruce	Sapling Medium	3.4	40	1-50	N/A			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Tamarack		10	Sapling	3		Black Spruce	Full	5 - 10 feet	Sapling
Black Spruce		90	Sapling	3	40				
50	6132 - Mixed Lowland Forest with Cedar	Poletimber Well	3.6	120	51-80	N/A			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Paper Birch		25	Pole	5		Balsam Fir	Medium	5 - 10 feet	Sapling
Quaking Aspen		30	Log	12					
Northern White Cedar		45	Pole	8	120				
64	6121 - Tamarack	Poletimber Well	27.3	90	1-50	N/A	Stand was prepared for final harvest and sold as Unit 2 of Landon Aspen (52-108-14), with the producer given the option of cutting the stand or leaving untreated with a credit. This was done because of the lower volume and the poorly drained soil present within the harvest area. The producer declined to treat this stand at that time.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Northern White Cedar		5	Sapling/Pole	5		Tag Alder	High	5 - 10 feet	Tall Shrub
Tamarack		80	Pole	5	90				
Red Maple		5	Pole	8					
Balsam Fir		5	Sapling	4					
Black Spruce		5	Sapling/Pole	5					
69	4130 - Aspen	Sapling Well	12.5	6	Immature	N/A	Mixed aspen regen from 2017 final harvest. Red maple saplings present also. Stand was Unit 1 of Landon Aspen(52-108-14). Access through private ownership only.		
Canopy Species		% Cover	Size Class	DBH	Age				
Bigtooth Aspen		20	Sapling	1	6				
Quaking Aspen		60	Sapling	1	6				
Red Maple		20	Sapling	1	6				