



Compartment Review Presentation

Gaylord Forest Management Unit

Compartment 52187

Entry Year 2025

Acreage: 2,532

County Cheboygan

Management Area: Presque Isle Lake and Till Plains

Stand Examiner: John Scheele

Legal Description:

T35N-R1W Sections 11, 12, 13 & 14

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:

Most of the high ground in this compartment contains well-drained loamy sand. These flat to gently rolling areas are dominated by soils of the Cheboygan & Blue Lake Series. The remainder of the compartment is primarily lowland swamp with very poorly drained organic soils of the Brevort, Lupton Muck and Tawas Peat Series.

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

This compartment is surrounded by state ownership including the Lee Grande Ranch which is a walk in hunting area of State ownership to the west. There is a substantial amount of ORV use and an even greater amount of hunting for grouse, deer, and elk.

Unique Natural Features:

There is the potential for wood turtle within section thirteen. Along with the potential for ram's head lady's-slipper, limestone oak fern, round-leaved orchids, and calypso orchid in cedar swamps.

Archeological, Historical, and Cultural Features:

There are known archeological features within the compartment.

Special Management Designations or Considerations:

None.

Watershed and Fisheries Considerations:

This compartment is in the Black Lake watershed, and contains a portion of Mud Creek. A minimum no clear-cut buffer of 100' should be maintained adjacent to this stream.

Wildlife Habitat Considerations:

This compartment consists mostly of upland areas of aspen associated with small amounts of wetland draws. A number of aspen stands will be treated in this compartment to provide age-class diversity and early successional habitat. In addition, the majority of the openings in this compartment are going to be maintained in partnership with the Ruffed Grouse Society. These treatments will benefit ruffed grouse, white-tailed deer, American woodcock, wild turkey, and various songbirds.

Mineral Resource and Development Concerns and/or Restrictions

Surface sediments consist of ice-contact sand and gravel and minor lacustrine (lake) sand and gravel. The glacial drift thickness varies between 100 and 400 feet. The Devonian Traverse Group subgroups below the glacial drift. The Traverse is used for cement and stone in the State. Gravel pits are not located in the area, but the compartment should have some potential. The nearest oil and gas production, the Niagaran Reef Trend, is located 12 miles to the south. The Compartment is leased for oil and gas development for the Collingwood Formation.

glacial drift thickness varies between 0 and 100 feet, thickening to the west. The Devonian Traverse Group subgroups below the glacial drift and is quarried for cement and stone elsewhere in the State. Gravel pits are located one mile to the west, and there should be potential. The nearest oil and gas production, the Guelph (former Niagaran) Reef Trend, is located 4 miles to the south.

Vehicle Access:

Access is good throughout the compartment but some the roads are in poor condition.

Survey Needs:

None at this time.

Recreational Facilities and Opportunities:

Hunting is the primary use of the compartment with a portion of the Shore to Shore Equestrian trail in sections 11 and 14 and the Tomahawk to Red Bridge MCCCT in sections 13 and 14.

Fire Protection:

No significant fire concerns in most of the compartment.

Additional Compartment Information:

The following reports from the Inventory are attached:

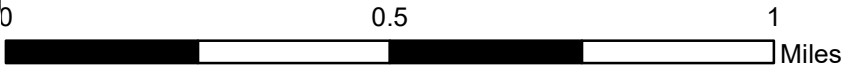
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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

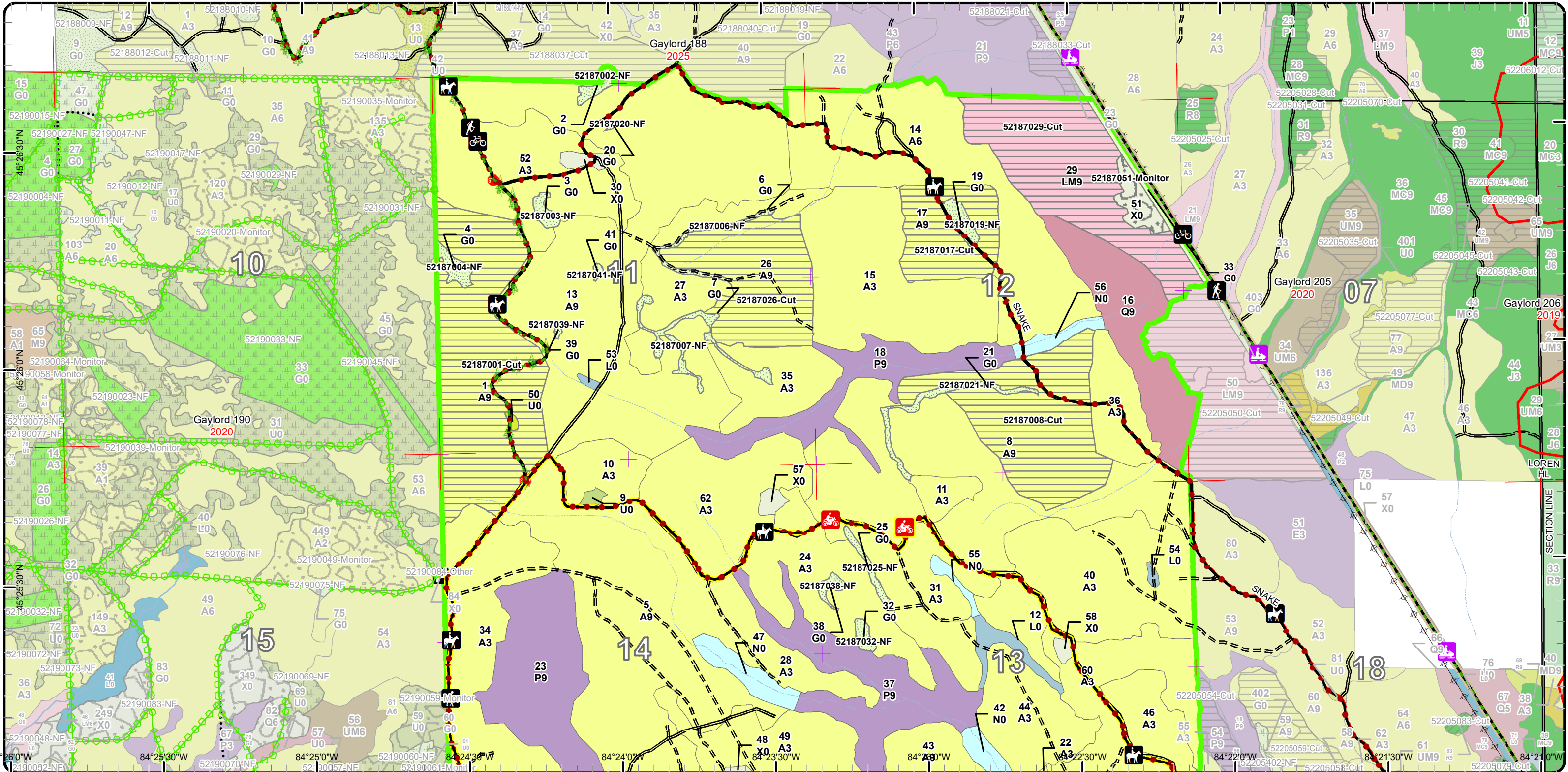
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

Cover Type & Treatments Map

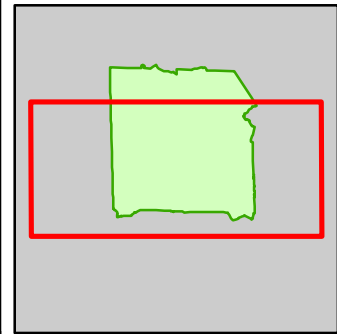
Compartment: 187
 T35N, R01W, Sec. 11-14, 23-24
 County: Cheboygan
 Unit: Gaylord
 Mgmt Area: Presque Isle Lake and Till Plains
 YOE: 2025
 Acres: 2532.3 GIS Calculated
 Examiner: John Scheele
 Map Revised: 10/16/2023
 Map Phase: Post-Maps



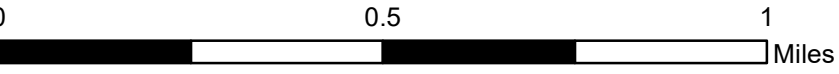
- Miris Corners
- + Remonumented Section Corners
- Counties
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- County - Dirt Road (Seasonal)
- Private - Dirt / Gravel Road
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- Designated RailTrail
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- Sign
- Tree (marking)
- Intermittent Stream
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Powerline
- Compartment Boundary
- Clearcut (w/Reserves)
- Regeneration Survey
- Mowing
- 413 - Aspen
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 310 - Herbaceous Openland
- 320 - Upland Shrub
- 330 - Low Density Trees
- 622 - Lowland Shrub
- 623 - Emergent Wetland
- 790 - Other Bare/Sparsely Vegetated



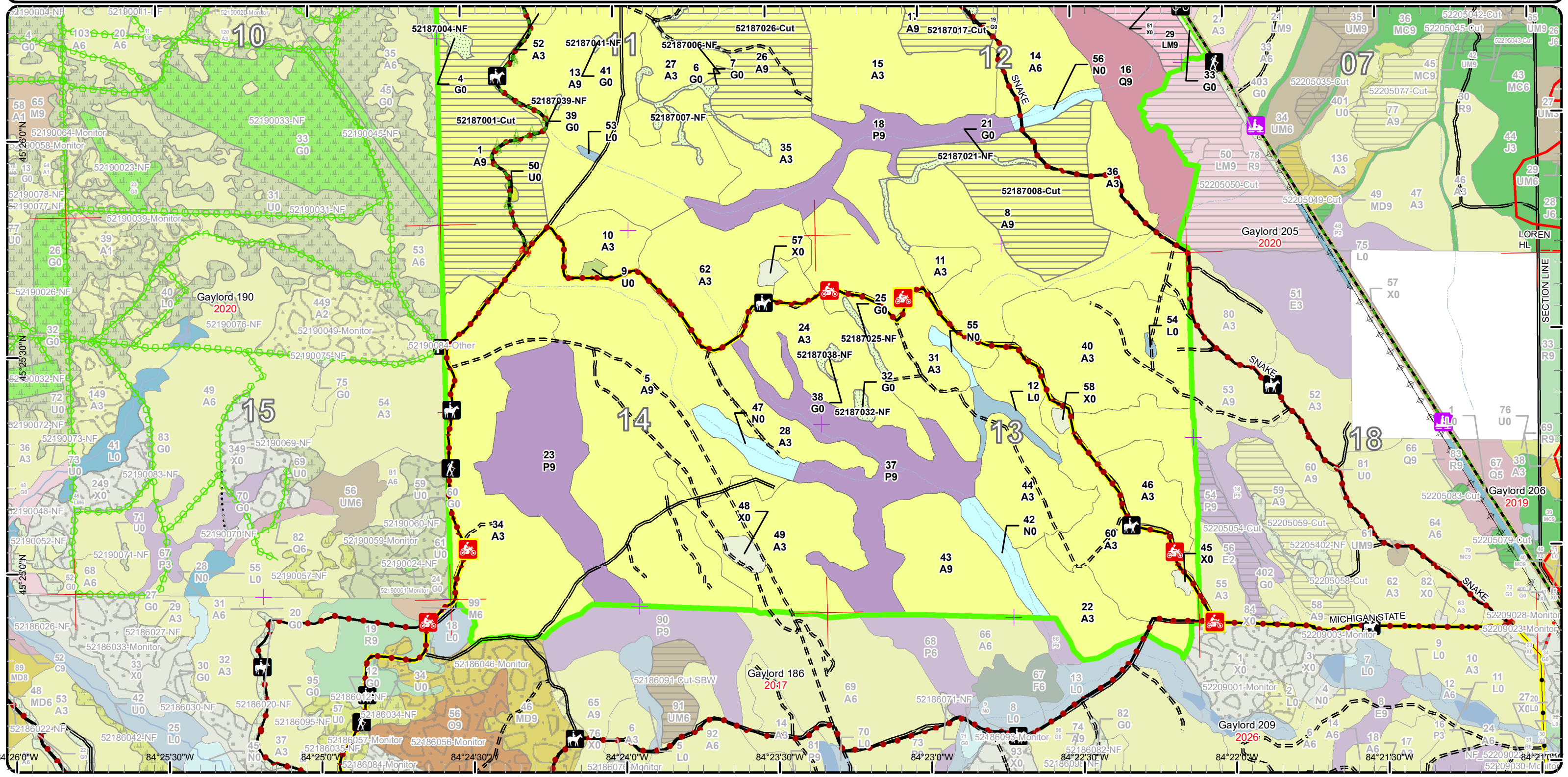
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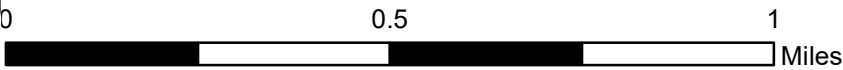


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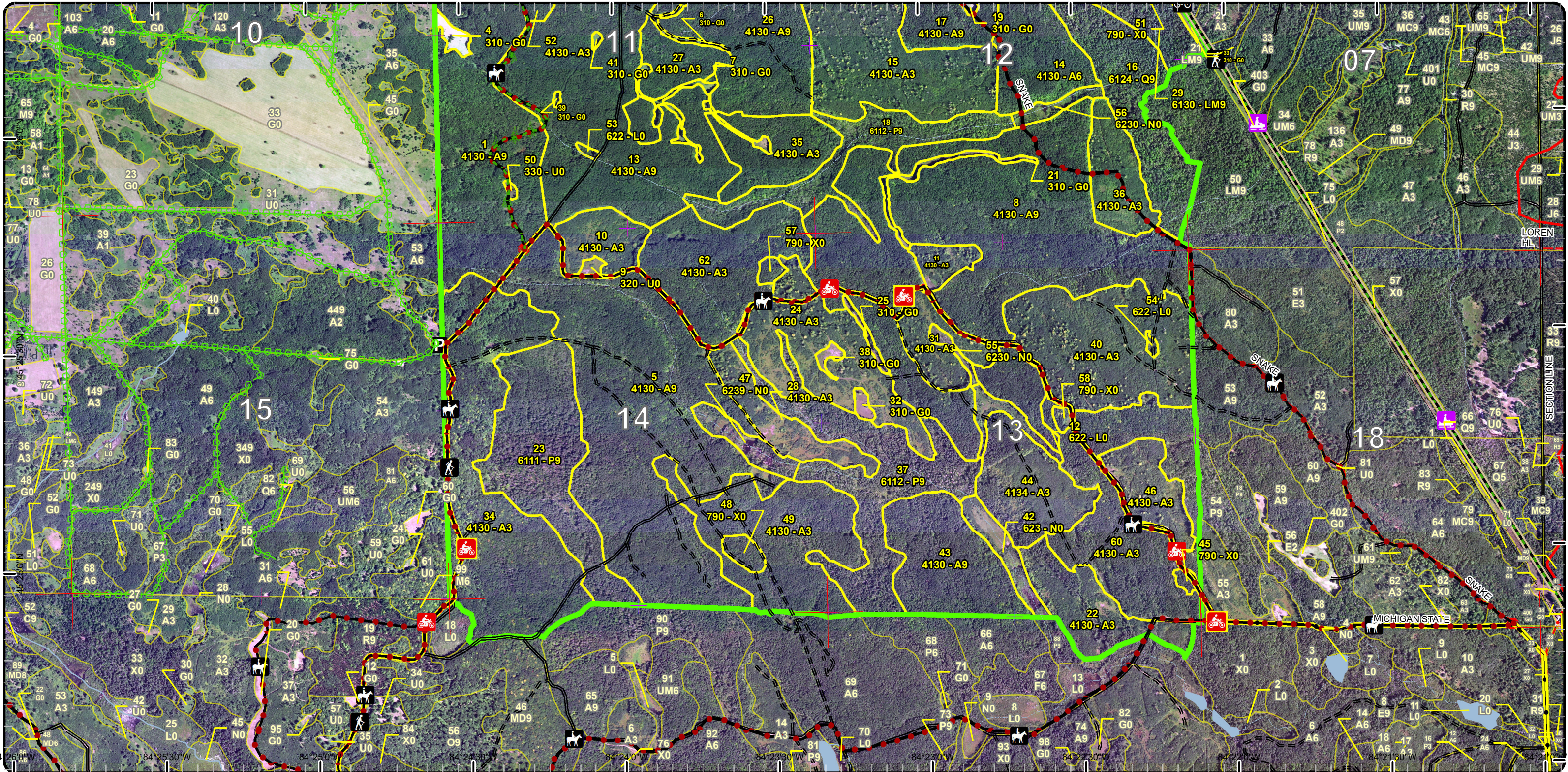


Stand Boundary Map

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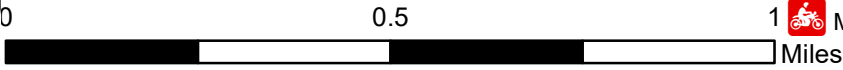


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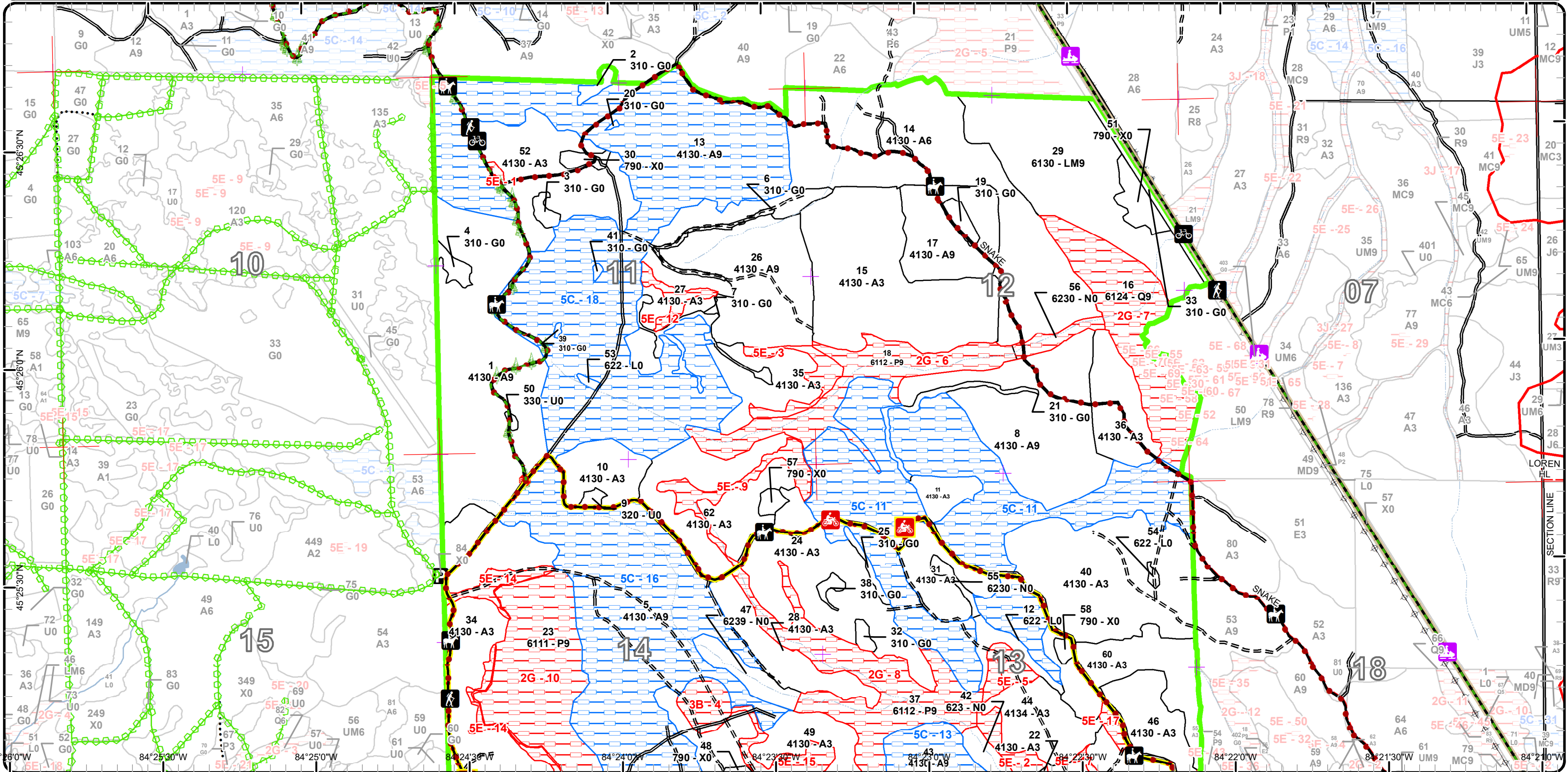
Special Conservation Areas

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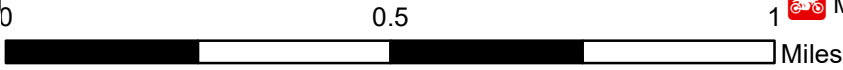
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- Powerline
- Compartment Boundary
- Available w/ Constraints
- 5C: Delay treatment for age/size class diversity or exceptional site quality
- Unavailable
- 2G: Too wet (sensitive soils, does not include access issues)
- 5E: Long-Term Retention
- Stand Boundaries
- SCA
- Trail - Trail Corridor

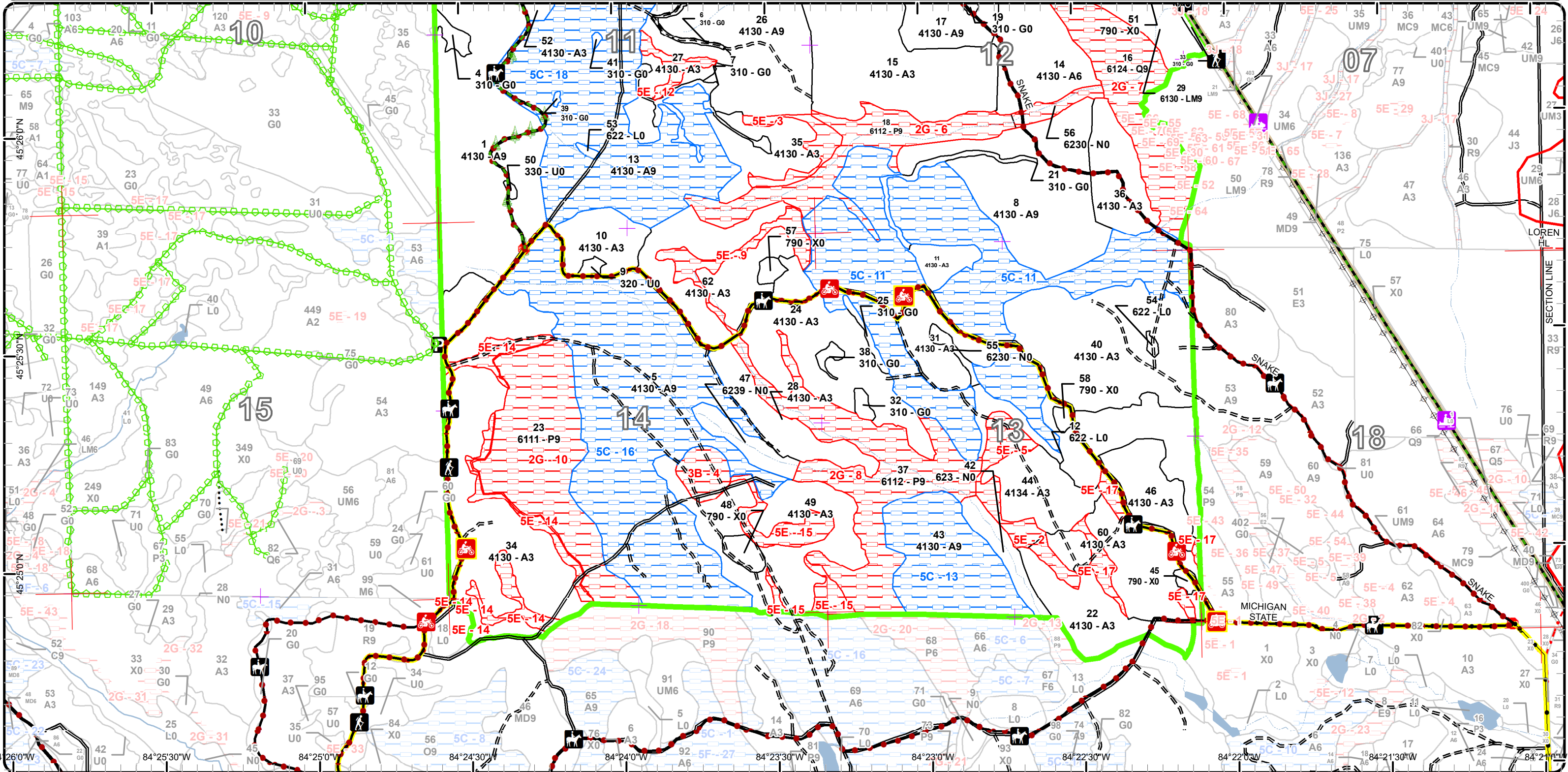


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- Stand Boundaries



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+	Uneven-Aged	Total
Aspen	0	484	448	0	130	763	263	0	0	0	0	0	0	0	0	0	0	0	2087
Bare/Sparsely Vegetated	23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23
Herbaceous Openland	41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	41
Low-Density Trees	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Lowland Aspen/Balsam Poplar	0	0	0	0	0	0	0	0	78	121	0	0	0	0	0	0	0	0	199
Lowland Conifers	0	0	0	0	0	0	0	0	0	0	55	0	0	0	0	0	0	0	55
Lowland Mixed Forest	0	0	0	0	0	0	0	0	0	0	83	0	0	0	0	0	0	0	83
Lowland Shrub	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
Marsh	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32
Upland Shrub	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Total	108	484	448	0	130	763	263	0	78	121	138	0	0	0	0	0	0	0	2532



Report 2 – Treatment Summary

Gaylord Mgt. Unit

Compartment 187

Year of Entry: 2025

Acres of Harvest

Total Compartment Acres: 2,532

Commercial Harvest - 374
 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	291	0	0	0	0	0	0	0	0	291
Lowland Mixed Forest	83	0	0	0	0	0	0	0	0	83
Total	374	0	0	0	0	0	0	0	0	374

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	374	0	0	0	0	9	0	32	0	414
Next Step	0	0	0	0	0	374	0	0	0	374
Total	374	0	0	0	0	383	0	32	0	788



Standard

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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Proposed Treatments:

<p>1 52187001-Cut 114.9 4130 - Aspen Sawtimber 48 81-110 Harvest Clearcut with Retention 413 - Aspen Even-Aged No</p> <p><u>Prescription</u> Harvest stand to regenerate. Possible retention could include the drainage in south part of stand, adjacent to Stand 34. Could also put retention area around Stand 50 to protect the non-forested opening. Put additional scattered retention areas throughout stand if necessary.</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> Acceptable regeneration includes a moderate to well stocked stand of aspen.</p> <p><u>Other Comment:</u> Include trail protection specification in sale proposal. Also include 5.2.4.4 Specification. Dead and down creation, grouse. (To encourage grouse and other wildlife in Payment Unit(s) ????, leave one 12+” diameter (or largest diameter trees within stand) whole tree on the ground for every 2 acres, preferably a hardwood species such as oak or maple or pine species (white or red) if no hardwoods are present. These trees should be evenly scattered throughout the unit, preferably at least two chains from any roads, two-tracks, or trails open to vehicles.)</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2024</p>
<p>2 52187002-NF 2.6 310 - Herbaceous Openland Nonstocked Unspec ified NonForestMgt Mowing 3102 - Grass No</p> <p><u>Prescription</u> Periodic opening maintenance, as needed, that may include disking, fertilizing, liming, food plot seeding, mowing, brushing, tree and shrub planting, herbicide application, and removal of invasive species.</p> <p><u>Specs:</u></p> <p><u>Next Step</u></p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u></p> <p><u>Other Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2024</p>
<p>3 52187003-NF 2.5 310 - Herbaceous Openland Nonstocked Unspec ified NonForestMgt Mowing 3102 - Grass No</p> <p><u>Prescription</u> Periodic opening maintenance, as needed, that may include disking, fertilizing, liming, food plot seeding, mowing, brushing, tree and shrub planting, herbicide application, and removal of invasive species.</p> <p><u>Specs:</u></p> <p><u>Next Step</u></p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u></p> <p><u>Other Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2024</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
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4	52187004-NF	3.5	310 - Herbaceous Openland	Nonstocked	Unspecified	NonForestMgt	Mowing	3102 - Grass		No
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Prescription Specs: Periodic opening maintenance, as needed, that may include disking, fertilizing, liming, food plot seeding, mowing, brushing, tree and shrub planting, herbicide application, and removal of invasive species.

Next Step Treatments:

Acceptable Regen:

Other Comment:

Site Condition

Proposed Start Date: 10/1 /2024

6	52187006-NF	3.5	310 - Herbaceous Openland	Nonstocked	Unspecified	NonForestMgt	Mowing	3102 - Grass		No
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Prescription Specs: Periodic opening maintenance, as needed, that may include disking, fertilizing, liming, food plot seeding, mowing, brushing, tree and shrub planting, herbicide application, and removal of invasive species.

Next Step Treatments:

Acceptable Regen:

Other Comment:

Site Condition

Proposed Start Date: 10/1 /2024

7	52187007-NF	6.5	310 - Herbaceous Openland	Nonstocked	Unspecified	NonForestMgt	Mowing	3102 - Grass		No
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Prescription Specs: Periodic opening maintenance, as needed, that may include disking, fertilizing, liming, food plot seeding, mowing, brushing, tree and shrub planting, herbicide application, and removal of invasive species.

Next Step Treatments:

Acceptable Regen:

Other Comment:

Site Condition

Proposed Start Date: 10/1 /2024



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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
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8	52187008-Cut	80.0	4130 - Aspen	Sawtimber Well	48	111-140	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
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Prescription Specs: Harvest this portion of Stand 8 to regenerate. Keep treatment boundary on higher ground adjacent to Stand 18 and 56. Uncut area will be left as retention and BMPs to drainage. Could also leave area around the drainages within treatment area as retention.

Next Step Treatments: Monitoring, Natural Regen (Re-Inventory)

Acceptable Regen: Acceptable regeneration includes a moderate to well stocked stand of Aspen.

Other Comment: Include trail protection specifications in sale proposal. Also include 5.2.4.4 Specification. Dead and down creation, grouse. (To encourage grouse and other wildlife in Payment Unit(s) ????, leave one 12+” diameter (or largest diameter trees within stand) whole tree on the ground for every 2 acres, preferably a hardwood species such as oak or maple or pine species (white or red) if no hardwoods are present. These trees should be evenly scattered throughout the unit, preferably at least two chains from any roads, two-tracks, or trails open to vehicles.)

Site Condition

Proposed Start Date: 10/1 /2024

17	52187017-Cut	36.1	4130 - Aspen	Sawtimber Well	48	111-140	Harvest	Clearcut with Retention	4139 - Aspen, Mixed Deciduous	Even-Aged	No
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Prescription Specs: Harvest stand to regenerate. Leave Red Oak for mast production and coverytype diversity. Put retention around the lowland drainage in center of stand.

Next Step Treatments: Monitoring, Natural Regen (Re-Inventory)

Acceptable Regen: Acceptable regeneration includes a moderate to well stocked stand of aspen and deciduous species.

Other Comment: Include trail protection specification in sale proposal. Also include 5.2.4.4 Specification. Dead and down creation, grouse. (To encourage grouse and other wildlife in Payment Unit(s) ????, leave one 12+” diameter (or largest diameter trees within stand) whole tree on the ground for every 2 acres, preferably a hardwood species such as oak or maple or pine species (white or red) if no hardwoods are present. These trees should be evenly scattered throughout the unit, preferably at least two chains from any roads, two-tracks, or trails open to vehicles.)

Site Condition

Proposed Start Date: 10/1 /2024

19	52187019-NF	3.7	310 - Herbaceous Openland	Nonstocked		Unspec ified	NonForestMgt	Mowing	3102 - Grass		No
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Prescription Specs: Periodic opening maintenance, as needed, that may include disking, fertilizing, liming, food plot seeding, mowing, brushing, tree and shrub planting, herbicide application, and removal of invasive species.

Next Step Treatments:

Acceptable Regen:

Other Comment:

Site Condition

Proposed Start Date: 10/1 /2024



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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
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20	52187020-NF	0.3	310 - Herbaceous Openland	Nonstocked	0	Unspecified	NonForestMgt	Mowing	3102 - Grass	No
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Prescription Specs: Periodic opening maintenance, as needed, that may include disking, fertilizing, liming, food plot seeding, mowing, brushing, tree and shrub planting, herbicide application, and removal of invasive species.

Next Step Treatments:

Acceptable Regen:

Other Comment:

Site Condition

Proposed Start Date: 10/1 /2024

21	52187021-NF	5.2	310 - Herbaceous Openland	Nonstocked		Unspecified	NonForestMgt	Mowing	3102 - Grass	No
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Prescription Specs: Periodic opening maintenance, as needed, that may include disking, fertilizing, liming, food plot seeding, mowing, brushing, tree and shrub planting, herbicide application, and removal of invasive species.

Next Step Treatments:

Acceptable Regen:

Other Comment:

Site Condition

Proposed Start Date: 10/1 /2024

25	52187025-NF	2.4	310 - Herbaceous Openland	Nonstocked		Unspecified	NonForestMgt	Mowing	3102 - Grass	No
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Prescription Specs: Periodic opening maintenance, as needed, that may include disking, fertilizing, liming, food plot seeding, mowing, brushing, tree and shrub planting, herbicide application, and removal of invasive species.

Next Step Treatments:

Acceptable Regen:

Other Comment:

Site Condition

Proposed Start Date: 10/1 /2024



Standard

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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26	52187026-Cut	59.9	4130 - Aspen	Sawtimber Well	48	81-110	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
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Prescription Harvest stand to regenerate. Place retention around drainage in south part of stand.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Regen: Acceptable regeneration includes a moderate to well stocked stand of aspen.

Other

Comment: Include trail protection specification in sale proposal. Also include 5.2.4.4 Specification. Dead and down creation, grouse. (To encourage grouse and other wildlife in Payment Unit(s) ????, leave one 12+” diameter (or largest diameter trees within stand) whole tree on the ground for every 2 acres, preferably a hardwood species such as oak or maple or pine species (white or red) if no hardwoods are present. These trees should be evenly scattered throughout the unit, preferably at least two chains from any roads, two-tracks, or trails open to vehicles.)

Site Condition

Proposed Start Date: 10/1 /2024

29	52187029-Cut	83.3	6130 - Fir, Aspen, Maple	Sawtimber Well	90	111-140	Harvest	Clearcut with Retention	6112 - Lowland Aspen	Even-Aged	No
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Prescription Harvest stand to regenerate. Expand treatment area into Stand 16 if possible. Some treatment area along the west boundary may not be accessible due to wet soil conditions. Access stand from Stand 28. Recommended landing area would be in the northeast corner of stand or in previous landing area in Stand 28. Leave a BMP uncut area along the stream in southeast part of stand, which can be used as stand retention. Additional stand retention could be located north of Stand 51 to include the existing low ground area.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Regen: Acceptable regeneration includes a moderate to well stocked stand of lowland aspen.

Other

Comment: Use of tracked equipment during summer or winter conditions is recommended to minimize rutting concerns. Include trail protection specification in sale proposal. Also include 5.2.4.4 Specification. Dead and down creation, grouse. (To encourage grouse and other wildlife in Payment Unit(s) ????, leave one 12+” diameter (or largest diameter trees within stand) whole tree on the ground for every 2 acres, preferably a hardwood species such as oak or maple or pine species (white or red) if no hardwoods are present. These trees should be evenly scattered throughout the unit, preferably at least two chains from any roads, two-tracks, or trails open to vehicles.)

Site Condition

Proposed Start Date: 10/1 /2024

32	52187032-NF	2.0	310 - Herbaceous Openland	Nonstocked		Unspec ified	NonForestMgt	Mowing	3102 - Grass		No
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Prescription Periodic opening maintenance, as needed, that may include disking, fertilizing, liming, food plot seeding, mowing, brushing, tree and shrub planting, herbicide application, and removal of invasive species.

Next Step

Treatments:

Acceptable Regen:

Other

Comment:

Site Condition

Proposed Start Date: 10/1 /2024



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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
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38	52187038-NF	1.9	310 - Herbaceous Openland	Nonstocked	0	Unspecified	NonForestMgt	Mowing	3102 - Grass	No
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Prescription Specs: Periodic opening maintenance, as needed, that may include disking, fertilizing, liming, food plot seeding, mowing, brushing, tree and shrub planting, herbicide application, and removal of invasive species.

Next Step Treatments:

Acceptable Regen:

Other Comment:

Site Condition

Proposed Start Date: 10/1 /2024

39	52187039-NF	0.4	310 - Herbaceous Openland	Nonstocked	0	Unspecified	NonForestMgt	Mowing	3102 - Grass	No
----	-------------	-----	---------------------------	------------	---	-------------	--------------	--------	--------------	----

Prescription Specs: Periodic opening maintenance, as needed, that may include disking, fertilizing, liming, food plot seeding, mowing, brushing, tree and shrub planting, herbicide application, and removal of invasive species.

Next Step Treatments:

Acceptable Regen:

Other Comment:

Site Condition

Proposed Start Date: 10/1 /2024

41	52187041-NF	0.5	310 - Herbaceous Openland	Nonstocked	0	Unspecified	NonForestMgt	Mowing	3102 - Grass	No
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Prescription Specs: Periodic opening maintenance, as needed, that may include disking, fertilizing, liming, food plot seeding, mowing, brushing, tree and shrub planting, herbicide application, and removal of invasive species.

Next Step Treatments:

Acceptable Regen:

Other Comment:

Site Condition

Proposed Start Date: 10/1 /2024



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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
51 52187051-Monitor	8.5	790 - Other Bare/Sparsely Vegetated	Nonstocked	0	Unspecified	Monitoring	Natural Regen (Re-Inventory)	413 - Aspen	Even-Aged	No
<p><u>Prescription</u> Monitor for acceptable regeneration.</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 stand of aspen.</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 /2032</p>										

Total Treatment Acreage Proposed: 417.7

Report 4 – Site Conditions

Gaylord Mgt. Unit
John Scheele : Examiner

Compartment: 187
Year of Entry: 2025

Availability for Management

Total Acres	Acres Available	Acres Avail		Dominant Site Conditions	Dominant Site Conditions			
		With Condition	Not Available		5C	2G	3B	5E
2088	1256	725	107	Aspen	725	0	10	97
23	23	0	0	Bare/Sparsely Vegetated				
41	41	0	0	Herbaceous Openland				0
1	1	0	0	Low-Density Trees				
199	0	0	199	Lowland Aspen/Balsam Poplar		199		0
55	0	0	55	Lowland Conifers		55		
83	83	0	0	Lowland Mixed Forest				
9	9	0	0	Lowland Shrub				
32	26	0	6	Marsh		6		
2	2	0	0	Upland Shrub				
2,532	1,440	725	367	Total Forested Acres	725	260	10	97
	57%	29%	14%	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	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Stand retention for Stand 52.							
2	Unavailable	5E: Long-Term Retention	14	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments: This area was not cut during last timber harvest.							
3	Unavailable	5E: Long-Term Retention	9	2F: Too steep	Unspecified	Unspecified	Unspecified
Comments: Area is retention for Stand 35. Areas were also left during harvest because too steep to harvest.							

Report 4 – Site Conditions

Gaylord Mgt. Unit
John Scheele : Examiner

Compartment: 187
Year of Entry: 2025

4	Unavailable	3B: Threatened, endangered, and special concern species	10	5C: Delay treatment for age/size class diversity or exceptional site quality	Unspecified	Unspecified	Unspecified
Comments:							
5	Unavailable	5E: Long-Term Retention	5	3J: Water quality / BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
Comments: This area was left uncut when Stand 44 was cut. Possibly because of potential beaver activity.							
6	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	50	3J: Water quality / BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
Comments:							
7	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	55	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
8	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	78	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Some of the higher ground along the edges will be considered for treatment when adjacent stands 8 and 46 are cut.							

Report 4 – Site Conditions

Gaylord Mgt. Unit
John Scheele : Examiner

Compartment: 187
Year of Entry: 2025

9	Unavailable	5E: Long-Term Retention	13	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments:							
10	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	77	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Portions of the stand's east boundary will be treated with Stand 5 when cut.							
11	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	180	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
12	Unavailable	5E: Long-Term Retention	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Portions may be too wet and/or steep for harvesting.							
13	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	55	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
14	Unavailable	5E: Long-Term Retention	22	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments: These areas were left as long-term retention or too wet during last timber harvest.							

Report 4 – Site Conditions

Gaylord Mgt. Unit
John Scheele : Examiner

Compartment: 187
Year of Entry: 2025

15	Unavailable	5E: Long-Term Retention	17	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments: These areas were long-term retention or too wet to harvest during last timber harvest.							
16	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	198	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
17	Unavailable	5E: Long-Term Retention	10	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
18	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	292	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.

ERA = Ecological Reference Area
HCVA = High Conservation Value Area
SCA = Special Conservation Area

Conservation Area	Type	Description
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																																															
1	4130 - Aspen	Sawtimber Well	114.9	48	81-110	N/A	Variable DBH of trees from 4 - 12 inches DBH. Bigtooth Aspen is not as tall as aspen to the east and is poorer quality. Quaking Aspen is short and fairly poor quality. Some aspen tops are breaking off. Chipping quality stand. Some scattered larger DBH beech and Sugar Maple. Pockets of smaller DBH trees along the west boundary line.																																																																															
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5	4130 - Aspen	Sawtimber Well	207.7	50	81-110	N/A	Aspen and maple DBH range from 4 to 12 inches. Larger DBH aspen trees adjacent to stand 23. A few scattered, larger DBH Sugar Maple. Ash dead or dying out. Good access to stand from old railroad grade from the north. Rolling terrain along edge of stand with Stand 47. Trees are bigger DBH than Stand 43.																																																																															
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10	4130 - Aspen	Sapling Well	20.2	12	Immature	N/A	Stand was cut as part of Ursus Aspen 52-108-05.																																																												
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12	622 - Lowland Shrub	Nonstocked	7.3	0	Unspecified	No	Drainage with lowland shrub and grasses.																																																												
13	4130 - Aspen	Sawtimber Well	291.9	48	81-110	N/A	Nice quality and volume aspen. A few scattered larger DBH aspen and beech, which are over-mature. Seen 2 elk in northwest corner of stand.																																																												
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14	4130 - Aspen	Poletimber Well	130.2	35	81-110	N/A	Pockets of nice quality Bigtooth Aspen and pockets of poorer quality Quaking Aspen. Pockets of lower, wetter ground with some blowdown in the drainages. Wetter ground along the east boundary. 2 or 3 drainages/streams within stand. Significant size drainage/stream in the northwest part of stand.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Bigtooth Aspen		50	Pole/Log	8	35	Sugar Maple		
Paper Birch		2	Pole/Sapling	6		Red Maple		
Quaking Aspen		24	Pole	7		Ash (spp.)		
Red Maple		10	Pole/Sapling	5		Ironwood		
White Ash		5	Pole/Sapling	7				
Balsam Poplar		4	Pole/Sapling	6				
Beech		2	Pole	7				
Sugar Maple		2	Pole	7				
Black/Red (Hybrid) Oak		1	Pole/Log	9				
15	4130 - Aspen	Sapling Well	93.9	14	Immature	N/A		Stand was cut in 12/2008 as part of Angusticeps Aspen 52-107-05. Everything was cut except the beech. Beech is now dead or dying out. Close to a pulpwood sized stand.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Beech		10	Log	12		Beech		
Red Maple		10	Sapling	2		Striped Maple		
Paper Birch		5	Sapling	2		Maple (spp.)		
Choke Cherry		10	Sapling	2				
Bigtooth Aspen		65	Sapling/Pole	4	14			
16	6124 - Lowland Spruce-Fir	Sawtimber Well	55.4	90	81-110	N/A	Aspen and birch are in poor health with some trees dead or dying out. Variable DBH size for conifer component. Fair amount of blowdown. Higher spruce component and smaller DBH trees compared to stand 29. Stream in center of stand with high Black Ash regeneration.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
White Spruce		30	Log/Pole	10	90	Balsam Fir		
Red Maple		5	Pole	6		Black Ash		
Paper Birch		5	Log	11				
Quaking Aspen		13	Log/Pole	10				
Northern White Cedar		15	Log/Pole	10				
Basswood		2	Log/Pole	10				
Balsam Fir		30	Pole/Log/Sap	8				



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17	4130 - Aspen	Sawtimber Well	36.1	48	111-140	N/A	Nice quality stand. Some trees are falling over. Low ground drainage in center of stand.																																																																			
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18	6112 - Lowland Aspen	Sawtimber Well	44.2	87	51-80	N/A	Wet drainage with flowing stream and many channels. Poor quality aspen with some blowdown occurring. Larger DBH Balsam Poplar dying.																																																																			
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23	6111 - Lowland Balsam Poplar	Sawtimber Well	76.8	80	81-110	N/A	Ash is dying out and Balsam Fir is blowing over in sports. Beaver activity in south part of stand, north of two-track road.																																																																	
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26	4130 - Aspen	Sawtimber Well	59.9	48	81-110	N/A	Nice quality and volume aspen. A few scattered larger DBH aspen and beech, which are over-mature. Old red line on north side of drainage in south part of stand.																																																																	
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29	6130 - Fir, Aspen, Maple	Sawtimber Well	83.3	90	111-140	N/A	Aspen is over-mature with some tree falling over or breaking apart. Some large DBH aspen trees on the higher ground. Lots of Balsom Fir slash. Higher ground along powerline. Stand should be operable with tracked equipment.																																																													
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30	790 - Other Bare/Sparsely Vegetated	Nonstocked	3.1	0	Unspecified	413 - Aspen	Landing locations for adjacent harvest.																																																													
31	4130 - Aspen	Sapling Well	22.5	13	Immature	N/A	Stand was cut in 9/2009 as part of 52-108-05 Ursus Aspen. Everything cut except beech.																																																													
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34	4130 - Aspen	Sapling Well	131.2	6	Immature	N/A	Stand was harvested in 2017, Titanic Aspen, Mixed Hardwood 52-115-15-01. Long term retention captures drainages and wet areas. A few scattered log-sized maple trees left from previous harvest. Nice regeneration in spots and spots with moderate to low regeneration stocking.																																																															
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35	4130 - Aspen	Sapling Well	33.0	3	Immature	N/A	Harvest complete 3/2020 Bearriere Aspen, Mixed Hwd 52-114-15. Steep along the edges of harvest leading down to the drainages. Elk damage to some tops.																																																															
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36	4130 - Aspen	Sapling Well	27.0	14	Immature	N/A	Stand was cut in 8/2008 as part of Angusticeps Aspen 52-107-05. Scattered pockets of lowland Tag Alder.																																																															
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37	6112 - Lowland Aspen	Sawtimber Well	78.0	75	81-110	N/A	Some larger DBH aspen trees. Some Balsam Fir blowdown. Lots of wildlife tracks.																																																															
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38	310 - Herbaceous Openland	Nonstocked	1.9	0	Unspecified	No	Landing area for stand that was cut in 6/2010 as part of Ursus Aspen 52-108-05.																																																															
39	310 - Herbaceous Openland	Nonstocked	0.4	0	Unspecified	Managed Opening	Opening has been mowed in the past.																																																															



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																																			
40	4130 - Aspen	Sapling Well	86.0	14	Immature	N/A	Stand was cut in 6/2008 as part of 52-107-05 Angusticeps Aspen. Everything was cut except the beech. Beech appears to be alive but looks very unhealthy with most of the trees falling apart. Stand is close to a sapling stand. There is an old railroad grade in the center of the stand running north and south.																																																																			
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41	310 - Herbaceous Openland	Nonstocked	0.5	0	Unspecified	Managed Opening	Opening has been mowed in the past.																																																																			
42	623 - Emergent Wetland	Nonstocked	11.9		Unspecified	No	Some old beaver dams with no beaver activity.																																																																			
43	4130 - Aspen	Sawtimber Well	54.8	57	111-140	N/A	Upland island surrounded by lowland. Some larger DBH aspen and maple. Relatively steep slopes down to stand 42. Timber seems smaller DBH along west boundary. Rolling terrain with an old trail in center/east part of stand.																																																																			
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44	4134 - Aspen, Spruce/Fir	Sapling Well	42.1	14	Immature	N/A	Stand cut as part of Michigan State Road Aspen 52-102-05. Areas in the north part, along west boundary and a small area along two-track were left uncut.																																																																			
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45	790 - Other Bare/Sparsely Vegetated	Nonstocked	1.9	0	Unspecified	No	Landing for previous harvest.																																																																			



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																					
46	4130 - Aspen	Sapling Well	25.0	14	Immature	N/A	Stand was cut in 10/2008 as part of Michigan State Road Aspen 52-102-05.																																					
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47	6239 - Mixed Emergent Wetland	Nonstocked	11.4	0	Unspecified	No	Series of beaver dams with 1 large den in southeast part of stand with significant activity.																																					
48	790 - Other Bare/Sparsely Vegetated	Nonstocked	4.8	0	Unspecified	No	Landing location for stand harvest. Titanic Aspen in 2019, 52-115-15-01.																																					
49	4130 - Aspen	Sapling Well	75.0	3	Immature	N/A	This stand was cut in 9/2019 as part of Titanic Aspen, 52-115-15-01.																																					
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50	330 - Low-Density Trees	Nonstocked	0.7	0	Unspecified	No	Low density trees opening with high sumac ground cover.																																					
51	790 - Other Bare/Sparsely Vegetated	Nonstocked	8.5	0	Unspecified	413 - Aspen	Stand was cut in 3/2022 as part of Zephaniah Mixed Softwood 52-116-15. Lots of deer browse. Should be acceptable regeneration by next YOE.																																					
52	4130 - Aspen	Sapling Well	52.8	3	Immature	N/A	Harvest complete 2/2020 Bearriere Aspen, Mixed Hwd 52-114-15.																																					
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53	622 - Lowland Shrub	Nonstocked	0.8	0	Unspecified	No	There is an old railroad grade/two-track and 30-foot-high bank on east side of lowland shrub stand.																																					
54	622 - Lowland Shrub	Nonstocked	0.9	0	Unspecified	No																																						
55	6230 - Cattail	Nonstocked	2.7	0	Unspecified	No	Mostly cattails with a few trees. Draining to the northwest.																																					
56	6230 - Cattail	Nonstocked	5.7	0	Unspecified	No	Beaver ponds with cattails and some trees.																																					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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57 790 - Other Bare/Sparsely Vegetated Nonstocked 2.5 0 Unspecified No Landing area for past harvest.

58 790 - Other Bare/Sparsely Vegetated Nonstocked 2.0 0 Unspecified No Landing location for past harvest. Stand cut 11/2018. 52-118-15-01 Another Aspen Clearcut.

60 4130 - Aspen Sapling Well 89.9 4 Immature N/A Stand cut 11/2018. 52-118-15-01 Another Aspen Clearcut. Some retention areas have significant blowdown.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Quaking Aspen	10	Sapling	1		Blackberry/Raspberry	High	< 5 feet	Tall Shrub
Beech	5	Sapling	1					
Red Maple	10	Sapling	1					
Sugar Maple	10	Sapling	1					
Bigtooth Aspen	65	Sapling	1	4				

62 4130 - Aspen Sapling Well 63.8 4 Immature N/A Stand cut 2/2019. 52-118-15-01. Another Aspen Clearcut. Aspen MO.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	10	Sapling	1		Blackberry/Raspberry	High	< 5 feet	Tall Shrub
White Ash	10	Sapling	1		Beech	Low	< 5 feet	Sapling
Bigtooth Aspen	70	Sapling	1	4				
Red Maple	10	Sapling	1					