



Compartment Review Presentation

Atlanta Forest Management Unit

Compartment 54100

Entry Year 2025

Acreage: 1,042

County Alpena

Management Area: Huron Sandy Lake Plain

Stand Examiner: Dale Parris

Legal Description:

T31N R07E Sections 4, 9, and 16

Identified Planning Goals:

All harvests have been prescribed following the direction indicated in the Huron Sandy Lake Plain Management Area (HSLPMA) Plan and Timber Analysis. In all cases the unique characteristics of the individual stand was taken into consideration when writing the prescription. For the purpose of balancing the age class acre distributions of covertypes across the Management Area (MA), forest management during the 2025 YOE in the HSLPMA will focus on the major covertypes for the individual compartments. Wildlife, recreation, aesthetics, adjacent stands, and the larger landscape were considered in all management decisions.

Soil and topography:

The overall topography in Compartment 100 is flat. The drainage of the soil, as a whole, is poor. The lowland soil is mostly the very poorly drained Tawas and Lupton mucks. The minimal, moderately upland soil north and central to the compartment is dominated by the somewhat poorly drained Tocoda-Wakeley complex. The limited amount of upland soil at the south end of the compartment is the somewhat poorly drained losco loamy sand.

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

Compartment 100 is surrounded by state land to the west and to the south. Large parcel forested recreation property with hunting camps are present to the east. Smaller parcel seasonal/year around residences on Lake Winyah/Thunder Bay River are adjacent to the compartment at the north end. The Alpena Combat Readiness Training Center operates one-half mile to the east, on the west side of the South Branch of the Thunder Bay River. The City of Alpena is 6 miles to the east.

Unique Natural Features:

Compartment 100 has some small acreage natural red pine stands to the north. Vast areas of lowland shrub are located in the compartment that occasionally give way to smaller acreage areas of moderate uplands to the north, centrally, and to the south. Black spruce bog like forest is present in the central region of Compartment 100.

Archeological, Historical, and Cultural Features:

The State Historic Preservation Office (SHPO) did not have any known areas of concern within Compartment 100, but the potential for archaeological sites does exist. Proper protocol should be followed if such sites are encountered during management activities, as is standard practice.

Special Management Designations or Considerations:

The Michigan Natural Features Inventory (MNFI) at the Michigan State University Extension website had record of 3 species historically being in or near Compartment 100 that require consideration when implementing forest management strategies. These species are the bald eagle (*Haliaeetus leucocephalus*), Northern amber bumble bee (*Bombus borealis*), and Blanding's turtle (*Emydoidea blandingii*), all of which are state special concern species.

Watershed and Fisheries Considerations:

There are no major water bodies within the compartment. Best management practices are to be followed when conducting forest management near lakes, streams, and rivers.

Wildlife Habitat Considerations:

Several featured species are present in this compartment including white-tailed deer, ruffed grouse, woodcock, and snowshoe hare. The compartment is used quite heavily by deer, grouse, and hare hunters and provides an area for recreation not far from Alpena. Much of the compartment is significantly wet most of the year but there may be an opportunity for woodcock habitat improvement in some tag alder areas. This would depend on the winter and soil conditions. One opening in the southern portion of the compartment should be maintained and if possible where timber harvest is conducted, log landings could be expanded. Timber harvests should promote featured species.

Mineral Resource and Development Concerns and/or Restrictions

The nearest active sand/gravel pits are more than three miles to the southwest. There may be some potential for sand &

gravel within the compartment, but most of the compartment is low and wet, which would inhibit surface mining. The nearest oil & gas production, past or present, is more than four miles away. The Antrim is pinching out in the direction of the compartment, and additional production potential may be limited. Furthermore, due to the persistent low price of natural gas, there is unlikely to be any additional Antrim development in the area in the near future. The Antrim Shale play is generally in decline, and there is an increasing trend toward plugging wells. No known potential exists for oil & gas from other known producing formations. There is no known metallic mineral potential in this part of the state.

Vehicle Access:

Vehicle access to Compartment 100 is limited. The northern third of the compartment is accessible from Shannon Road/forest trail to the north. Currently the central region of the compartment is only accessible by poor conditioned forest road not traversable by standard vehicles, making travel on foot the best option. The southern third of the compartment is only accessible on foot through state land with no trails to get you to the compartment from the north end of Glennie Road.

Survey Needs:

For the purpose of conducting timber sales and maintaining legal private/state land boundary posting locations, there may be a need for property line surveys within Compartment 100. Further investigation will be needed to determine the extent to which these surveys are required.

Recreational Facilities and Opportunities:

Rabbit/hare, grouse, woodcock, whitetail deer, turkey, and bear hunting opportunities are available within Compartment 100 in season with a valid license. Wildlife viewing opportunities are also present. All regulations set forth by the Michigan Department of Natural Resources are to be adhered to by hunters.

There are no designated recreation trails in Compartment 100, only limited forest roads as described in the Vehicle Access section above.

Fire Protection:

In the case of wildland fire, Compartment 100 is within the response area of the Alpena DNR Fire Taskforce/Atlanta Forest Management Unit. The Maple Ridge Township Fire Department also responds to wildfires in this area. The Alpena DNR Fire Task Force is within 7-15 miles of the compartment and typically would be able to be on scene within 20 to 30 minutes after being dispatched. The Maple Ridge Fire Department response time would be similar due to the location of their response on Lacombe Road within the township. Depending on the location of a fire within the compartment, fire response times could be hinder due to poor access.

Additional Compartment Information:

The following reports from the Inventory are attached:

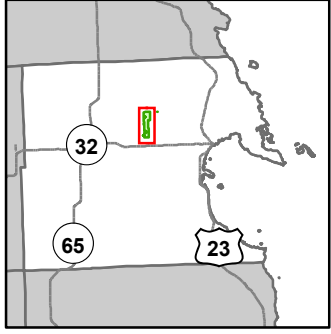
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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

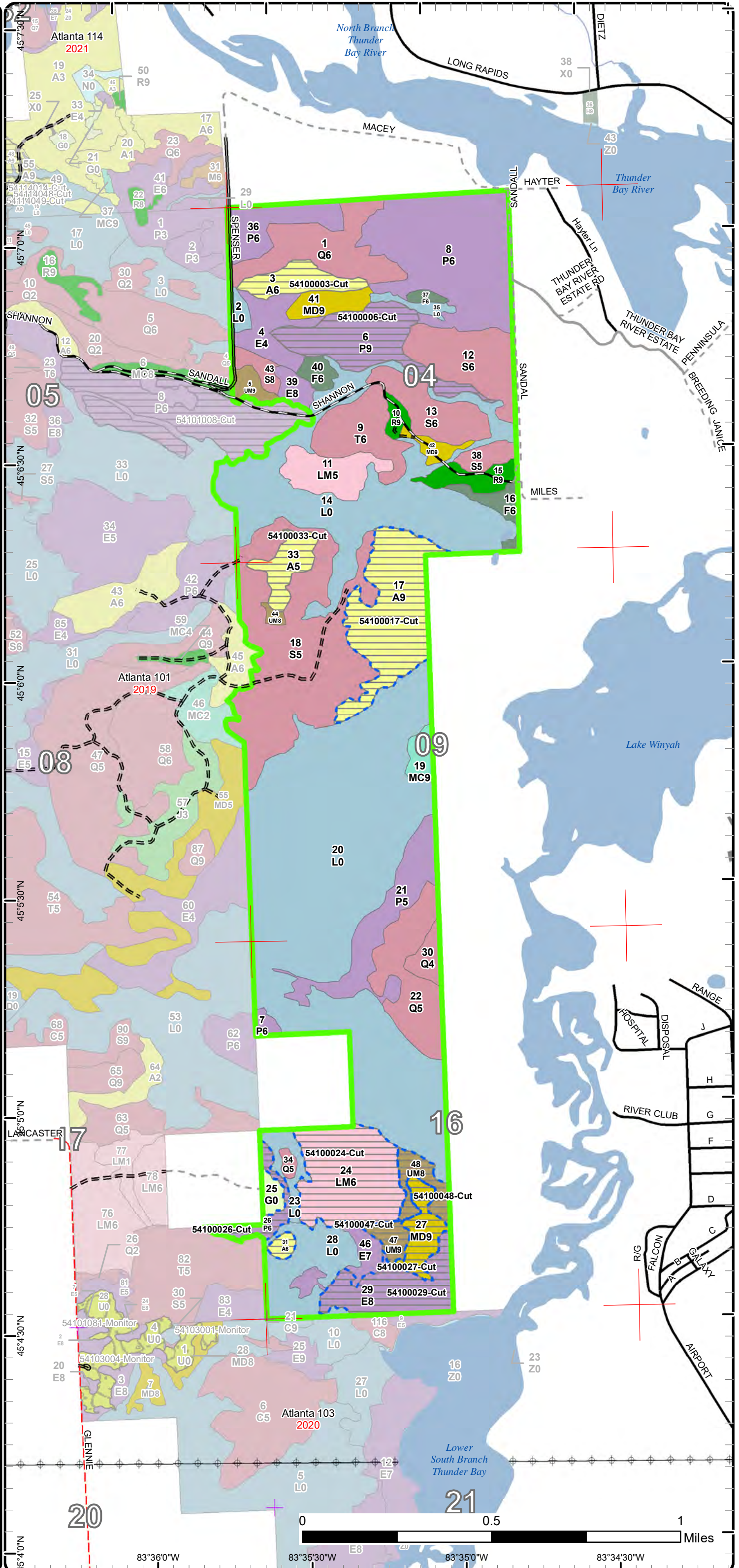
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

Cover Type & Treatments Map

Compartment: 100
 T31N, R07E, Sec. 04, 09, 16-17
 County: Alpena
 Unit: Atlanta
 Mgmt Area: Huron Sandy Lake Plain
 YOE: 2025
 Acres: 1042.1 GIS Calculated
 Examiner: Dale Parris
 Map Revised: 6/12/2023
 Map Phase: Review

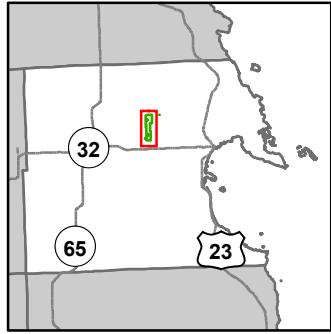


- Miris Corners
- Remonumented Section Corners
- Counties
- DNR - Primary Forest Road
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State / County - Paved Road
- County - Dirt Road (Seasonal)
- Private - Paved Road
- Private - Dirt / Gravel Road
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Powerline
- Compartment Boundary
- Treatments with Site Conditions
- Clearcut (w/Reserves)
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 422 - Natural Pines
- 423 - Other Upland Conifers
- 429 - Mixed Upland Conifers
- 430 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 310 - Herbaceous Openland
- 622 - Lowland Shrub

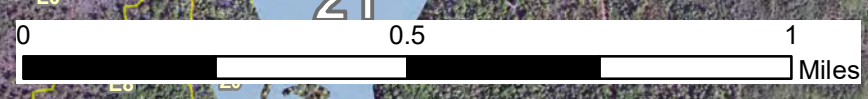
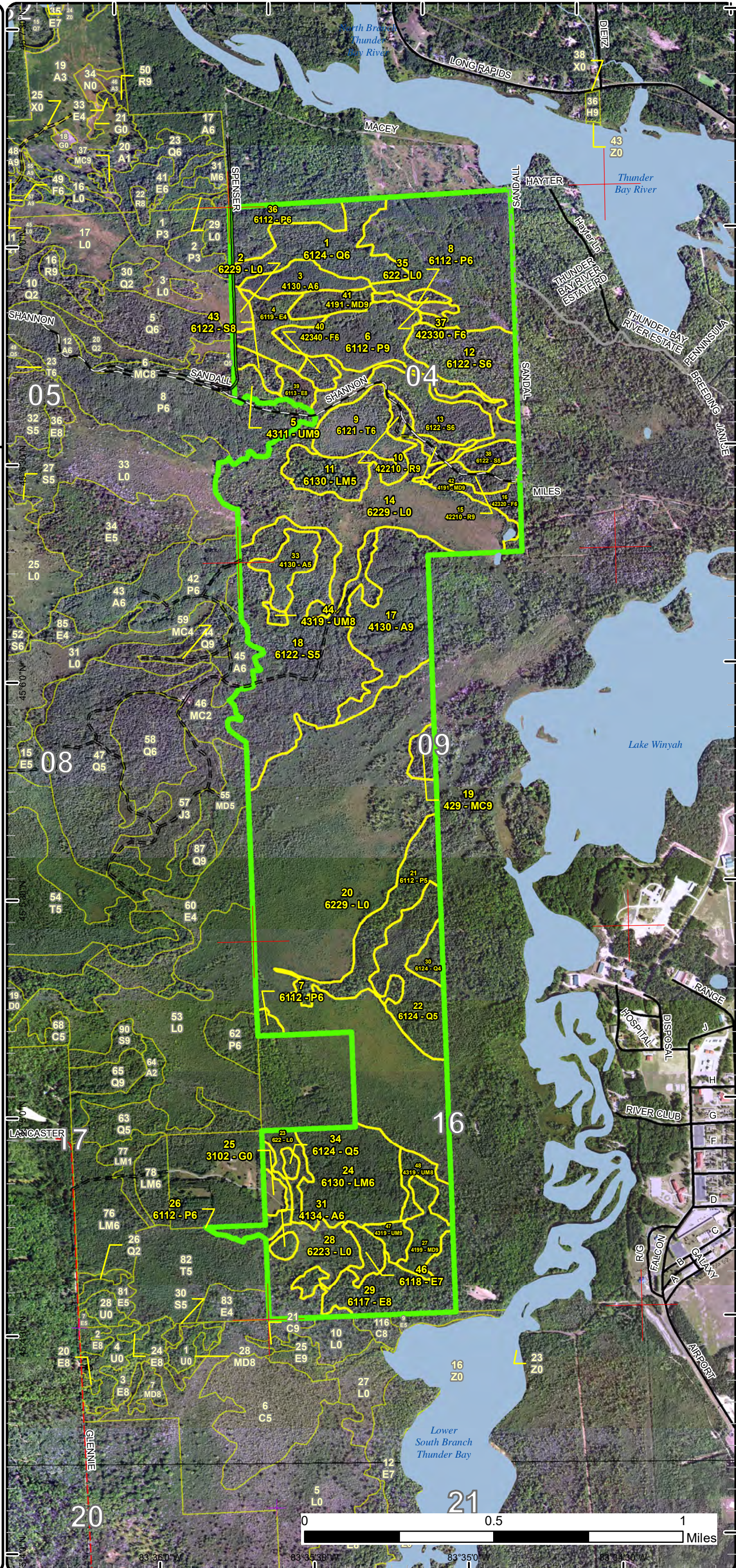


Stand Boundary Map

Compartment: 100
 T31N, R07E, Sec. 04, 09, 16-17
 County: Alpena
 Unit: Atlanta
 Mgmt Area: Huron Sandy Lake Plain
 YOE: 2025
 Acres: 1042.1 GIS Calculated
 Examiner: Dale Parris
 Map Revised: 6/12/2023
 Map Phase: Review



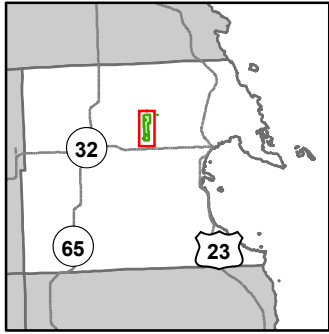
- Miris Corners
- + Remonumented Section Corners
- Counties
- DNR - Primary Forest Road
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State / County - Paved Road
- County - Dirt Road (Seasonal)
- Private - Paved Road
- Private - Dirt / Gravel Road
- Lake/Pond
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- Compartment Boundary
- Stand Boundaries
- 413 - Aspen
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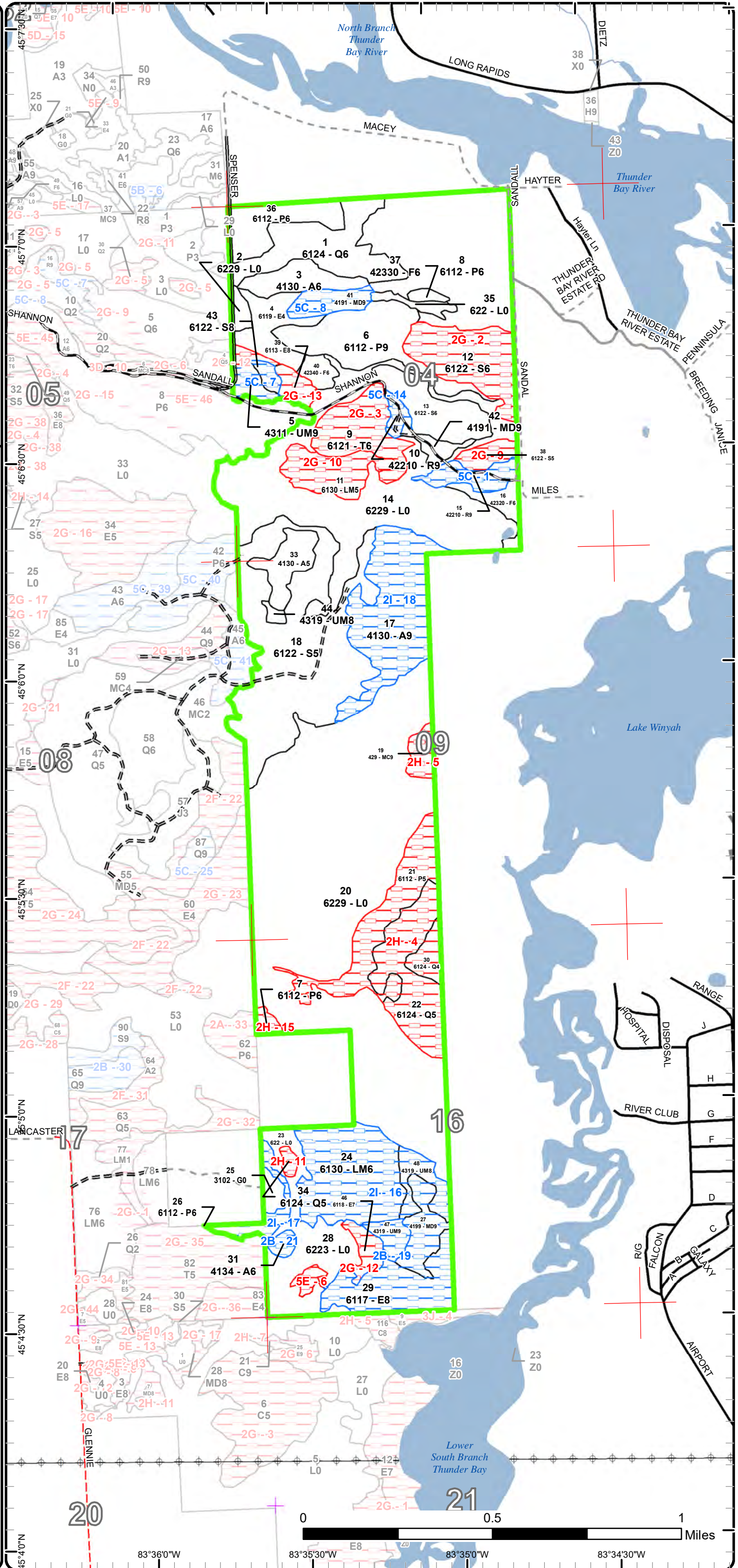
83°36'0"W 83°35'30"W 83°35'0"W 83°34'30"W

Special Conservation Areas

Compartment: 100
 T31N, R07E, Sec. 04, 09, 16-17
 County: Alpena
 Unit: Atlanta
 Mgmt Area: Huron Sandy Lake Plain
 YOE: 2025
 Acres: 1042.1 GIS Calculated
 Examiner: Dale Parris
 Map Revised: 6/12/2023
 Map Phase: Review



- Miris Corners
- + Remonumented Section Corners
- Counties
- DNR - Primary Forest Road
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State / County - Paved Road
- County - Dirt Road (Seasonal)
- Private - Paved Road
- Private - Dirt / Gravel Road
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Powerline
- Compartment Boundary
- Available w/ Constraints
- 2I: Survey needed
- 5C: Delay treatment for age/size class diversity or exceptional site quality
- 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



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	0	0	0	0	70	2	0	0	0	0	0	0	0	0	0	0	0	72
Herbaceous Openland	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Lowland Aspen/Balsam Poplar	0	0	0	0	0	119	10	0	0	0	0	29	0	0	0	0	0	0	158
Lowland Conifers	0	0	0	0	0	30	0	2	0	36	0	0	0	0	0	0	0	0	68
Lowland Deciduous	0	0	0	0	0	14	0	0	0	5	35	0	0	0	0	0	0	0	54
Lowland Mixed Forest	0	0	0	0	0	0	42	0	0	0	0	16	0	0	0	0	0	0	58
Lowland Shrub	381	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	381
Lowland Spruce/Fir	0	0	0	0	0	20	0	6	92	0	5	28	0	0	0	0	0	0	151
Mixed Upland Deciduous	0	0	0	0	0	0	0	0	0	12	0	0	12	0	0	0	0	0	24
Red Pine	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	12
Tamarack	0	0	0	0	0	0	0	0	0	0	0	0	22	0	0	0	0	0	22
Upland Conifers	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	5
Upland Mixed Forest	0	0	0	0	0	1	5	0	0	0	15	0	0	0	0	0	0	0	21
Upland Spruce/Fir	0	0	0	0	0	6	7	0	0	0	0	0	0	0	0	0	0	0	13
Total	385	0	0	0	0	260	66	8	92	53	72	73	34	0	0	0	0	0	1043



Report 2 – Treatment Summary

Atlanta Mgt. Unit

Year of Entry: 2025

Acres of Harvest

Compartment 100

Total Compartment Acres: 1,042

Commercial Harvest - 55
 Harvests with Site Condition - 150
 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	73	0	0	0	0	0	0	0	0	73
Lowland Aspen/Balsam Poplar	39	0	0	0	0	0	0	0	0	39
Lowland Deciduous	27	0	0	0	0	0	0	0	0	27
Lowland Mixed Forest	42	0	0	0	0	0	0	0	0	42
Mixed Upland Deciduous	12	0	0	0	0	0	0	0	0	12
Upland Mixed Forest	14	0	0	0	0	0	0	0	0	14
Total	205	0	0	0	0	0	0	0	0	205

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	205	0	0	0	0	0	0	0	0	205
Next Step	0	0	0	0	0	0	205	0	0	205
Total	205	0	0	0	0	0	205	0	0	410



Stand	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:

3	54100003-Cut	12.3	4130 - Aspen	Poletimber Well	49	81-110	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
<p><u>Prescription</u> Clear-cut with retention.</p> <p><u>Specs:</u> Retain all red pine and white pine, if and where present, to promote future stand diversity. Include proper grouse spec.</p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u> Acceptable regeneration is any medium to well stocked mix of aspen, red maple, and/or balsam fir.</p> <p><u>Other Comment:</u> Spencer Road will require proper protection specs due to private landowners accessing land to the north. Landing access at the west end of the stand, off of Spencer Drive could prove challenging. If feasible, do not allow decking of timber off of Spencer Drive.</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2024</p>											
6	54100006-Cut	31.3	6112 - Lowland Aspen	Sawtimber Well	49	81-110	Harvest	Clearcut with Retention	6112 - Lowland Aspen	Even-Aged	No
<p><u>Prescription</u> Clear-cut with retention.</p> <p><u>Specs:</u> Place retention in the east arm of the stand. Protect all cedar, white pine, and white pine regeneration to promote future stand diversity. Include the proper grouse spec.</p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u> Acceptable regeneration is any medium to well stocked mix of aspen, balsam fir, red maple, and/or white pine.</p> <p><u>Other Comment:</u> The forest access to the west will need moderate to excessive access work to be evaluated during timber sale prep. Spencer Road will require proper protection specs due to private landowners accessing land to the north.</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2024</p>											
17	54100017-Cut	46.9	4130 - Aspen	Sawtimber Well	48	111-140	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
<p><u>Prescription</u> Clear-cut with Retention.</p> <p><u>Specs:</u> Include the proper grouse spec. Include the raptor spec.</p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u> Acceptable regeneration is any medium to well stocked mix of aspen, red maple, balsam fir, paper birch, and/or white spruce.</p> <p><u>Other Comment:</u> Access to this stand is from a long forest road to the west that will require much fill, culverts, and road work. Harvest acres will decrease due to the necessary removal of drainage areas from the harvest area.</p> <p><u>Site Condition</u> Survey Needed</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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24	54100024-Cut	41.7	6130 - Fir, Aspen, Maple	Poletimber Well	50	81-110	Harvest	Clearcut with Retention	6112 - Lowland Aspen	Even-Aged	No
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Prescription Clear-cut with retention.

Specs:

Include proper grouse spec.

Retain all red pine and white pine, if and where present, to promote future stand diversity.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Regen: Acceptable regeneration is any medium to well stocked mix of aspen, red maple, balsam fir, paper birch, and/or white spruce.

Other Comment:

Private access will be required for harvest.

Site Condition

Survey Needed

Proposed Start Date: 10/1 /2024

26	54100026-Cut	7.3	6112 - Lowland Aspen	Poletimber Well	50	51-80	Harvest	Clearcut	6112 - Lowland Aspen	Even-Aged	No
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Prescription Clear-cut.

Specs:

Include proper grouse spec.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Regen: Acceptable regeneration is any medium to well stocked mix of aspen, red maple, balsam fir, paper birch, and/or white spruce.

Other Comment:

Private access will be required for harvest.

Site Condition

Survey Needed

Proposed Start Date: 10/1 /2024

27	54100027-Cut	11.6	4199 - Other Mixed Upland Deciduous	Sawtimber Well	115	81-110	Harvest	Clearcut with Retention	4199 - Other Mixed Upland Deciduous	Even-Aged	No
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Prescription Clear-cut with retention.

Specs:

Retain approximately 10% of the stand in 2 half acre stand representative pockets containing oak.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Regen: Acceptable regeneration is any medium to well stocked mix of aspen, paper birch, red maple, sugar maple, balsam fir, spruce, and/or oak.

Other Comment:

Site Condition

Survey Needed

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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29	54100029-Cut	26.6	6117 - Lowland Deciduous, Mixed Coniferous	Sawtimber Medium	99	51-80	Harvest	Clearcut with Retention	613 - Lowland Mixed Forest	Even-Aged	No
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Prescription Clear-cut with retention.

Specs:
The retention is already removed from the west end of the stand.

Retain all red pine and white pine, if and where present, to promote future stand diversity.

Protect oak regeneration for future stand diversity and mast production for wildlife.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Regen: Acceptable regeneration is any low to well stocked mix of aspen, balsam fir, red maple, spruce, paper birch, and/or oak.

Other Comment:

Site Condition Survey Needed

Proposed Start Date: 10/1 /2024

31	54100031-Cut	2.4	4134 - Aspen, Spruce/Fir	Poletimber Well	50	81-110	Harvest	Clearcut	413 - Aspen	Even-Aged	No
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Prescription Clear-cut.

Specs:
Include proper grouse spec.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Regen: Acceptable regeneration is any medium to well stocked mix of aspen, red maple, balsam fir, paper birch, and/or white spruce.

Other Comment: Crane mats will be needed to forward wood from this stand through to Stand 26 to the northwest.

Private access will be required for harvest.

Site Condition Unknown Access

Proposed Start Date: 10/1 /2024

33	54100033-Cut	11.2	4130 - Aspen	Poletimber Medium	46		Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
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Prescription Clear-cut with retention.

Specs:
Include the proper grouse spec.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Regen: Acceptable regeneration is any medium to well stocked mix of aspen, red maple, balsam fir, paper birch, and/or spruce.

Other Comment: Access to this stand is from a long forest road to the west that will require much fill, culverts, and road work.

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
47 54100047-Cut	5.1	4319 - Mixed Upland Forest	Sawtimber Well	52	51-80	Harvest	Clearcut	4191 - Mixed Upland Deciduous with Conifer	Even-Aged	No
<p><u>Prescription</u> Clear-cut.</p> <p><u>Specs:</u> Retain all red pine and white pine, if and where present, to promote future stand diversity.</p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u> Acceptable regeneration is any medium to well stocked mix of aspen, red maple, balsam fir, paper birch, oak, and/or spruce.</p> <p><u>Other Comment:</u></p> <p><u>Site Condition</u> Unknown Access</p> <p><u>Proposed Start Date:</u> 10/1 /2024</p>										
48 54100048-Cut	8.8	4319 - Mixed Upland Forest	Sawtimber Medium	93	51-80	Harvest	Clearcut	413 - Aspen	Even-Aged	No
<p><u>Prescription</u> Clear-cut.</p> <p><u>Specs:</u> Retain all red pine and white pine, if and where present, to promote future stand diversity.</p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u> Acceptable regeneration is any medium to well stocked mix of aspen, balsam fir, red maple, spruce, and/or paper birch.</p> <p><u>Other Comment:</u> Retention is not necessary due to the small size of the stand.</p> <p><u>Site Condition</u> Survey Needed</p> <p><u>Proposed Start Date:</u> 10/1 /2024</p>										

Total Treatment 205.2
Acres Proposed:

Report 4 – Site Conditions

Atlanta Mgt. Unit
Dale Parris : Examiner

Compartment: 100
Year of Entry: 2025

Availability for Management

Total Acres	Acres Available	Acres Avail		Dominant Site Conditions	Dominant Site Conditions						
		With Condition	Not Available		2B	2I	5C	2G	2H	5E	
73	23	49	0	Aspen	2	47					
4	4	0	0	Herbaceous Openland							
158	119	7	31	Lowland Aspen/Balsam Poplar		7				31	
68	30	0	38	Lowland Conifers						38	
54	14	27	13	Lowland Deciduous		27		11			3
58	0	42	16	Lowland Mixed Forest		42		16			
380	380	0	0	Lowland Shrub							0
151	112	3	36	Lowland Spruce/Fir			3	36			
24	4	20	0	Mixed Upland Deciduous		12	8				
12	0	12	0	Red Pine			12				
22	0	0	22	Tamarack				22			
5	0	0	5	Upland Conifers						5	
21	2	19	0	Upland Mixed Forest	5	9	5				
13	13	0	0	Upland Spruce/Fir							
1,042	702	178	162	Total Forested Acres	7	143	28	84	75		3
	67%	17%	16%	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	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	9	5F: Evaluated for Forest Health Considerations	Unspecified	Unspecified	Unspecified
Comments: Low acres, highly visible stand of large trees, and difficult to regenerate species. Much thought should be put into any management in this stand.							
2	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	28	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Atlanta Mgt. Unit
Dale Parris : Examiner

Compartment: 100
Year of Entry: 2025

3	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	22	5D: Unproductive Forest Land	Unspecified	Unspecified	Unspecified
Comments:							
4	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	65	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
5	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
6	Unavailable	5E: Long-Term Retention	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments: This would be long term regeneration for the rest of the stand to the west if we were able to harvest.							
7	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	7		Unspecified	Unspecified	Unspecified
Comments: Low acres, highly visible stand of large trees, and difficult to regenerate species. High ground surrounded by lowland.							
8	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	8	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Mature ridge of trees is surrounded by lowland dominate to sapling/pole size red maple. Harvest with the stand to the west.							

Report 4 – Site Conditions

Atlanta Mgt. Unit
Dale Parris : Examiner

Compartment: 100
Year of Entry: 2025

9	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
10	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	16	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
11	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments: This stand is blocked to harvest by wet ground on all sides.							
12	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
13	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Atlanta Mgt. Unit
Dale Parris : Examiner

Compartment: 100
Year of Entry: 2025

14	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	3	5F: Evaluated for Forest Health Considerations	Unspecified	Unspecified	Unspecified
Comments: Low acres, highly visible stand of large trees, and difficult to regenerate species. Much thought should be put into any management in this stand.							
15	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
16	Available	2I: Survey needed	89	2B: Unknown if access through adjacent landowner(s) is possible	Unspecified	Unspecified	Unspecified
Comments:							
17	Available	2I: Survey needed	7	2B: Unknown if access through adjacent landowner(s) is possible	Unspecified	Unspecified	Unspecified
Comments:							
18	Available	2I: Survey needed	47	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
19	Available	2B: Unknown if access through adjacent landowner(s) is possible	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Atlanta Mgt. Unit
Dale Parris : Examiner

Compartment: 100
Year of Entry: 2025

21	Available	2B: Unknown if access through adjacent landowner(s) is possible	2	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
----------	--------------	-------------	----------------	-------

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	6124 - Lowland Spruce-Fir	Poletimber Well	30.4	45	51-80	N/A	There are large bog areas with low density black spruce. Drainage veins are present throughout.																																														
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Paper Birch</td> <td>2</td> <td>Pole/Sapling</td> <td>5</td> <td></td> </tr> <tr> <td>Black Spruce</td> <td>40</td> <td>Pole/Sapling</td> <td>6</td> <td>45</td> </tr> <tr> <td>Quaking Aspen</td> <td>10</td> <td>Pole/Sapling</td> <td>6</td> <td>45</td> </tr> <tr> <td>Red Maple</td> <td>15</td> <td>Pole/Sapling</td> <td>5</td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>33</td> <td>Pole/Sapling</td> <td>5</td> <td>45</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Paper Birch	2	Pole/Sapling	5		Black Spruce	40	Pole/Sapling	6	45	Quaking Aspen	10	Pole/Sapling	6	45	Red Maple	15	Pole/Sapling	5		Balsam Fir	33	Pole/Sapling	5	45	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Dogwood (spp.)</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Balsam Fir</td> <td>High</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Black Spruce</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Tag Alder</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Dogwood (spp.)	Medium	5 - 10 feet	Tall Shrub	Balsam Fir	High	5 - 10 feet	Sapling	Black Spruce	Low	Variable	Sapling	Tag Alder	Medium	5 - 10 feet	Tall Shrub
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2	6229 - Mixed lowland shrub	Nonstocked	3.2			No	tag alder, willow, and scattered birch, fir																																														
3	4130 - Aspen	Poletimber Well	12.3	49	81-110	N/A	This stand is seasonally wet; drier than the surrounding stands. This is a borderline log stand.																																														
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4	6119 - Mixed Lowland Deciduous Forest	Poletimber Poor	14.4	49	1-50	N/A	The trees are smaller in diameter than their age indicates, especially the red maple. Three drainages run E-W dividing the stand. Balsam fir is heavy along the southern edge.																																														
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5	4311 - Pine, Aspen Mix	Sawtimber Well	4.9	95	81-110	N/A	The red pine is concentrated at the west end of the stand with the east half being more dominant to over mature aspen.																																														
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6	6112 - Lowland Aspen	Sawtimber Well	31.3	49	81-110	N/A	seasonally wet, sandy soils dry out faster then the surrounding stands. wet along the edges with some areas of tag alder. Small amount of black ash present, but it appears to be dead from EAB.																																														
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7	6112 - Lowland Aspen	Poletimber Well	2.3	55	Unspecified	N/A	A remote call was made on this stand during the 2025 YOE due to the size of the stand and the remoteness of its location. The remote call was based on data taken on the stand to the west.																																														



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																			
8	6112 - Lowland Aspen	Poletimber Well	70.7	45	81-110	N/A	There were puddles of standing water throughout in May of 2023. The red maple are trailing the aspen in diameter growth. There are drainage veins throughout.																																																			
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9	6121 - Tamarack	Poletimber Well	21.7	112	1-50	N/A	The stand is very wet. Trees are small, and slow growing. An edge call was made during the 2025 YOE due to standing water throughout. Previous Inventory stand data was updated accordingly.																																																			
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10	42210 - Natural Red Pine	Sawtimber Well	3.3	95	81-110	N/A	This a naturally regenerated red pine stand.																																																			
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11	6130 - Fir, Aspen, Maple	Poletimber Medium	15.9	101	51-80	N/A	Red maple dominates the outer edges of the stand. Very large white pine are scattered throughout the central region of the stand.																																																			
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12	6122 - Black Spruce	Poletimber Well	28.2	105	51-80	N/A	This stand has some dryer pockets but overall, this stand is too wet to harvest. Bog areas are present throughout. The black spruce proved to be old.																																																			
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13	6122 - Black Spruce	Poletimber Well	19.8	46	51-80	N/A	There is a red maple/aspens inclusion pocket along the NW edge. The body of the stand is spruce with some jack pine with a bog like forest floor. The south edge of the stand has some mixed conifer with deciduous forest.																																																									
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14	6229 - Mixed lowland shrub	Nonstocked	99.4			No																																																										
15	42210 - Natural Red Pine	Sawtimber Well	8.8	95	81-110	N/A	2025 YOE Inventory BA Measurements: (180, 150, 120, 150, 120)																																																									
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16	42320 - Upland Spruce	Poletimber Well	6.7	50		N/A	Porcupine damage to jack pine was common in this stand in May of 2023. The stand is seasonably wet/has wet pockets. A mature red pine ridge is located in the SE corner of the stand.																																																									
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17	4130 - Aspen	Sawtimber Well	46.9	48	111-140	N/A	This is nice mature, healthy aspen with an open understory. Access to the stand is from an old built-up forest road that enters the stand to in the NW.																																																									
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18	6122 - Black Spruce	Poletimber Medium	92.0	74	51-80	N/A	The black spruce age was taken from the northern portion of the stand. The black spruce to the south may be closer in age to that of the aspen. There is much bog like area. The aspen are found in scattered pockets.																																																									
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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19	429 - Mixed Upland Conifers	Sawtimber Well	5.3	95	51-80	N/A	This stand was not visited during the 2025 YOE Inventory due to standing water in surrounding lowland shrub stands, remoteness of stand, and general inability to access. Stand data was updated accordingly. 2015 YOE Inventory Notes: Small island surrounded by lowland brush. high water table, but stand dries out. no access, too wet both on State land and Private.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
	Balsam Fir	15	Pole	7			Balsam Fir	Medium	Variable	Sapling
	White Pine	5	Log/Pole	14			Black Spruce	Low	< 5 feet	Sapling
	Black Spruce	5	Pole	6			White Spruce	Low	< 5 feet	Sapling
	Red Maple	10	Pole/Log/Sap	10			Red Maple	Low	Variable	Sapling
	Red Pine	50	Log/Pole	12	95					
	Quaking Aspen	15	Pole	9						

20	6229 - Mixed lowland shrub	Nonstocked	240.2			No	
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21	6112 - Lowland Aspen	Poletimber Medium	29.1	102	Unspecified	N/A	This stand was not visited during the 2025 YOE Inventory due to standing water in surrounding lowland shrub stands, remoteness of stands, and inability to access. Stand data was updated accordingly. 2015 YOE Inventory Notes: Old aspen. lots of snags and some blowdown. no access, too wet.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
	Paper Birch	5	Pole	7			Balsam Fir	High	Variable	Sapling
	Balsam Fir	25	Pole	6			White Spruce	Low	< 5 feet	Sapling
	Black Spruce	15	Pole	6			Tag Alder	Medium	Variable	Tall Shrub
	Balsam Poplar	10	Pole	9						
	Quaking Aspen	40	Pole	8	102					
	Red Maple	5	Pole	8						

22	6124 - Lowland Spruce-Fir	Poletimber Medium	30.2	85	Unspecified	N/A	This stand was not visited during the 2025 YOE Inventory due to standing water in surrounding lowland shrub stands, remoteness of stands, and inability to access. Stand data was updated accordingly.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
	Black Spruce	28	Pole	8			Balsam Fir	Medium	Variable	Sapling
	Tamarack	2	Pole	6			Black Spruce	Low	Variable	Sapling
	Balsam Fir	30	Pole/Log	8	85		Tag Alder	High	Variable	Tall Shrub
	Quaking Aspen	10	Pole/Log	8						
	Red Maple	10	Pole/Log	9						
	Paper Birch	5	Pole	6						
	Balsam Poplar	10	Pole/Log	8						
	White Spruce	5	Pole/Log	9						

23	622 - Lowland Shrub	Nonstocked	7.5		Immature	No	eab present. black ash is dying. wet stand, low volume.
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24	6130 - Fir, Aspen, Maple	Poletimber Well	41.7	50	81-110	N/A	Trace white pine is present.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
	Balsam Fir	45	Pole/Sapling	7	55		Red Oak	Low	< 5 feet	Sapling
	Quaking Aspen	49	Pole	7	50		Black Ash	Low	Variable	Sapling
	Red Oak	1	Log	14			Tag Alder	Medium	5 - 10 feet	Tall Shrub
	Red Maple	5	Log/Pole	11			Red Maple	Low	Variable	Sapling
							Balsam Fir	High	Variable	Sapling



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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25 3102 - Grass Nonstocked 3.5 No mostly grass and rock. some scattered scotch pine enchoching from private 40.

26 6112 - Lowland Aspen Poletimber Well 7.3 50 51-80 N/A A balsam poplar pocket has filled in the southern portion of the field to become part of this stand.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Spruce	5	Log/Pole	12		Balsam Fir	Medium	Variable	Sapling
Black Spruce	5	Pole	8		Tag Alder	Medium	5 - 10 feet	Tall Shrub
Balsam Poplar	5	Pole	7		White Spruce	Trace	Variable	Sapling
Paper Birch	5	Pole/Log	8		Green Ash	Low	Variable	Sapling
Balsam Fir	30	Pole/Sapling	7		Black Ash	Low	Variable	Sapling
Quaking Aspen	50	Pole/Log	9	50				

27 4199 - Other Mixed Upland Deciduous Sawtimber Well 11.6 115 81-110 N/A This stand has a high amount of oak for this area. The oak is of medium to high quality.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	5	Pole/Log	8		Ironwood	Low	Variable	Sapling
Red Oak	45	Log/XLog	16	115	Leatherwood	Low	< 5 feet	Tall Shrub
Balsam Fir	3	Pole	5		Balsam Fir	Low	Variable	Sapling
Bigtooth Aspen	20	Log	16	93				
Paper Birch	15	Pole/Log	9					
White Spruce	2	Log	10					
Red Maple	10	Log/Pole	11					

28 6223 - Inundated Shrub Swamp Nonstocked 26.4 Immature No mostly tag alder with staning water. pockets with a mix of aspen, birch, fir, ash, and red maple. Tree density is too low to call forested.

29 6117 - Lowland Deciduous, Mixed Coniferous Sawtimber Medium 29.2 99 51-80 N/A This stand encompasses lowland and upland areas that would be best managed as a single stand. Aspen, red maple, and balsam fir vary in dominance by area of the stand. The central green pocket is dominate to balsam fir with much balsam fir windthrow. Lowland shrub veins and pockets divide up the stand into high ground pockets. Trace ironwood, sugar maple, red pine, and white pine is present in the overstory.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Spruce	5	Log/Pole/XLog	10		Tag Alder	Low	5 - 10 feet	Tall Shrub
Paper Birch	5	Pole/Log	8		Balsam Fir	Low	Variable	Sapling
Quaking Aspen	34	Log	16	99	Black/Red (Hybrid) Oak	Low	Variable	Sapling
Balsam Fir	25	Log/Pole	11		Michigan Holly	Low	5 - 10 feet	Tall Shrub



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments	
30	6124 - Lowland Spruce-Fir	Poletimber Poor	5.9	85	Unspecified	N/A	This stand was not visited during the 2025 YOE Inventory due to standing water in surrounding lowland shrub stands, remoteness of stands, and inability to access. The previous inventory stand data was retained as is and this stand was divided out from the stand to the west based on the imagery/canopy cover.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Balsam Poplar		10	Pole	6		Balsam Fir		
Quaking Aspen		10	Pole	7		Black Spruce		
White Spruce		5	Pole	8		Tag Alder		
Balsam Fir		30	Pole	7	85			
Black Spruce		28	Pole	7				
Tamarack		2	Pole	5				
Paper Birch		5	Pole	5				
Red Maple		10	Pole	8				
31	4134 - Aspen, Spruce/Fir	Poletimber Well	2.4	50	81-110	N/A	This is a small island stand dominated by aspen with signs of beaver activity.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Quaking Aspen		74	Pole/Log	9	50	Tag Alder		
Sugar Maple		1	Log	14		Balsam Fir		
Balsam Fir		25	Pole/Sapling	7				
32	4319 - Mixed Upland Forest	Sawtimber Well	0.9	95	81-110	N/A	A remote / edge call was made on this stand using a quick drive by and stop during the 2025 YOE Inventory.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Paper Birch		10	Log/Pole	10		Red Maple		
Quaking Aspen		15	Log/Pole	12				
White Pine		50	Log/XLog	16	95			
Red Maple		25	Log/Pole	12				
33	4130 - Aspen	Poletimber Medium	11.2	46		N/A		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Quaking Aspen		77	Pole	8	46	Red Maple		
Red Maple		5	Pole/Sapling	5		Balsam Fir		
Balsam Fir		15	Pole/Sap/Log	7		Black Spruce		
Black Spruce		3	Pole/Sapling	5		Tag Alder		
						Dogwood (spp.)		



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																																						
34	6124 - Lowland Spruce-Fir	Poletimber Medium	1.7	65	Unspecified	N/A																																																																							
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35	622 - Lowland Shrub	Nonstocked	3.5		Immature	No																																																																							
36	6112 - Lowland Aspen	Poletimber Well	17.3	45	51-80	N/A	Lowland drainages dominated by red maple/lowland shrub run E-W throughout the stand, paralleling the north and south edges of the stand. Future management should stay out of these drainages. Harvesting these drainages will most likely damage the drainage and result in lowland shrub/cattail for a long time to come. Random upland pockets are present.																																																																						
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37	42330 - Upland Fir	Poletimber Well	1.8	48	51-80	N/A	This is higher ground amongst, mostly lowlands. Minimal pine is present.																																																																						
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38	6122 - Black Spruce	Poletimber Medium	5.6	60	1-50	N/A	This stand is too wet to harvest.																																																																						
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39	6113 - Lowland Maple	Sawtimber Medium	4.8	85	1-50	N/A	This stand is too wet to harvest. This is a low density, wet stand.																																															
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40	42340 - Upland Spruce/Fir	Poletimber Well	4.3	47	51-80	N/A	Drainages run E-W, north and central in this stand.																																															
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41	4191 - Mixed Upland Deciduous with Conifer	Sawtimber Well	8.2	85	1-50	N/A	The timber on the central running E-W ridge is larger than that in the adjacent stand to the west. The drainage veins that parallel the north and south edges of the stand are dominated by pole size red maple.																																															
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42	4191 - Mixed Upland Deciduous with Conifer	Sawtimber Well	4.1	85	1-50	N/A	This stand has a low BA.																																															
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43	6122 - Black Spruce	Sawtimber Medium	4.9	90	1-50	N/A	Some mature timber on higher ground in the SE portion of this stand was passed over during previous harvests. The western half of the stand is lower wet ground.																																															
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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44 4319 - Mixed Upland Forest Sawtimber Medium 1.4 47 51-80 N/A This open stand makes for a diversity pocket. This is one of few upland pine pockets in the immediate area.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Pine	10	Log/Pole	11		Balsam Fir	Low	Variable	Sapling
Black Spruce	15	Pole	8		Black Spruce	Low	Variable	Sapling
Quaking Aspen	15	Log/Pole	10					
White Pine	30	Log/Pole	12	47				
Red Maple	20	Pole/Sapling	5					
Paper Birch	10	Pole/Log	8					

46 6118 - Lowland Deciduous with Cedar Sawtimber Poor 5.8 99 1-50 N/A This stand is low density timber and too wet to harvest.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Quaking Aspen	10	Log	14		Michigan Holly	Medium	5 - 10 feet	Tall Shrub
Red Maple	35	Log/Pole	12	99	Balsam Fir	Low	Variable	Sapling
Northern White Cedar	20	Log/Pole	12		Red Maple	Low	Variable	Sapling
Paper Birch	15	Pole/Sapling	6		Tag Alder	Full	5 - 10 feet	Tall Shrub
Balsam Fir	20	Pole	7					

47 4319 - Mixed Upland Forest Sawtimber Well 5.1 52 51-80 N/A This stand is somewhat of a transition from the aspen stand to the north and the oak stand to the east. There is a narrow linear body of water paralleling the north side of the forest road that likely was an old borrow pit used for creating the road. There is a half-acre windthrow pocket of balsam fir along the north edge of the stand north of the water hole.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	10	Log	15		Balsam Fir	Medium	Variable	Sapling
Paper Birch	20	Pole	8					
Red Oak	20	Log	14	115				
Balsam Fir	50	Pole	7	52				

48 4319 - Mixed Upland Forest Sawtimber Medium 8.8 93 51-80 N/A The are lowland areas in the east and northern areas of the stand. The rest is mainly uplands.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Quaking Aspen	33	Log/XLog	17	93	Balsam Fir	High	Variable	Sapling
Red Maple	15	Log/Pole	12					
Paper Birch	10	Log/Pole	11					
White Spruce	10	Log/Pole	11					
Balsam Fir	32	Pole	8					