



Compartment Review Presentation

Atlanta Forest Management Unit

Compartment 54080

Entry Year 2026

Acreage: 1,861

County Alpena

Management Area: Huron Sandy Lake Plain

Stand Examiner: Dale Parris

Legal Description:

T29N R06E, Sections 5, 8, 9, 16, and 17

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 2026 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 northern 160 acres of Compartment 80 off Elevere road is dominated by two soil types; Tonkey silt loam (poorly drained) in the north and Cathro muck (very poorly drained) in the south. The southern 1,700 acres of the compartment are dominated by several muck soils. These soils listed from most to least dominate are the Cathro muck, Lupton muck, Tawas muck, Rollaway muck, Au Sable muck and Deford muck with the Rollaway muck bordering the main streams and Wolf Creek. The higher ground in the southwest corner of the compartment consists of a moderately well drained to well drained range of soils including Ossineke fine sandy loam, Klacking loamy sand, McGinn loamy sand, and Coppler loamy sand. The transition from the low ground in the east to the high ground in the southwest consists mainly of Angelica loam (poorly drained) and Tacoda-Wakeley complex (very poorly drained).

The topography of Compartment 80 is flat in the lowland areas which comprise approximately 90 percent of the compartment's area. Slightly rolling hills are found in the upland areas that are present in the southwest and northeast extremes of the compartment.

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

Compartment 80 is mostly surrounded by large acre recreational properties, some of which act as year-round residences. State land borders the compartment to the south and comprises much of the land to the east. An L-shaped island of 120 private recreational acres is present in the southwest corner of the compartment.

Unique Natural Features:

Compartment 80 has vast acres of lowland conifer forest (spruce, cedar, tamarack) in the southeast and northwest. Much of the central region is lowland shrub where a naturally high-water table combined with beaver activity have resulted in saturated soil and thus canopy tree die-off. The highest ground is located in the northeast and southwest extremes of the compartment.

Archeological, Historical, and Cultural Features:

The State Historic Preservation Office (SHPO) had no known documented areas of concern within Compartment 80. Contact SHPO for additional information.

Special Management Designations or Considerations:

The Michigan Natural Features Inventory (MNFI) at the Michigan State University Extension website notes the existence of a Floodplain Forest Community in the southeast corner of Compartment 80 bordering Wolf Creek. No management is planned in this area.

A SCA has been designated in the south-central portion of Compartment 80. This area consists of springs and seeps which are the start of streams within the Wolf Creek Watershed. No harvests will be permitted in this area.

Watershed and Fisheries Considerations:

Wolf Creek runs through the southeast portion of Compartment 80. Butterfield Creek and several smaller feeder streams drain the large swamp complex into Wolf Creek from and through the compartment. A SCA has been designated in the south-central portion of Compartment 80. This area consists of springs and seeps which are the start of streams within the Wolf Creek Watershed. The integrity of this underground flow of water and this emerging water system needs to be

protected.

Wildlife Habitat Considerations:

The primary focus of wildlife habitat management will be to address the habitat requirements identified for the listed featured species found in this compartment. These species include American woodcock, beaver, black bear, mallard, pileated woodpecker, ruffed grouse, snowshoe hare, wild turkey, white-tailed deer, and wood duck. Based on the selected featured species, some of the most significant wildlife management issues in the management area are the maintenance of young forest and large open grassland complexes; the retention of large, over-mature trees and snags; and the maintenance and expansion of hard mast and mesic conifer components.

Mineral Resource and Development Concerns and/or Restrictions

No known potential exists for commercial production of metallic minerals in this part of the state. No known active sand/gravel operations exist in the area. Potential for sand & gravel development in the compartment appears to be limited due to wetlands and oil & gas facilities. In addition, the compartment might be too far from populated areas (markets) for any aggregate to have much economic value beyond use by the county road commission or DNR for local road maintenance. The compartment is within the heart of the Antrim Shale gas play and nearly all State-owned mineral rights in the compartment are currently leased and held by Antrim production units. There is little potential for drilling of any future additional Antrim wells in the compartment, and no known potential exists beneath the compartment for oil & gas from other known producing formations. The State does not own all the mineral rights within the compartment. Because the mineral estate is the dominant estate, reasonable access to the surface must be provided to private owners if they choose to explore or develop their mineral rights.

Vehicle Access:

The southern 1,700 acres of the compartment can be accessed at its southwest corner using Andor Road and connecting forest roads. From there the compartment can be explored on foot. Access to the northeast edge of Compartment 80 is from Goodrich Road. The northern 160 acres of the compartment can be accessed along its northern edge using Elevere Road.

Survey Needs:

Currently, there is no known need for property corner surveys for establishing property lines and conducting timber harvests.

Recreational Facilities and Opportunities:

There are no designated recreational trails or recreational facilities within Compartment 80.

Rabbit/hare, grouse, woodcock, whitetail deer, turkey, and bear hunting opportunities are available within Compartment 80 in season with a valid license. Trapping and wildlife viewing opportunities are also present. All regulations set forth by the Michigan Department of Natural Resources are to be adhered to by hunters and trappers.

Fire Protection:

In the case of wildland fire, Compartment 80 is within the response area of the Alpena DNR Fire Taskforce/Atlanta Forest Management Unit and the Hubbard Lake Fire Department. The Green Township Fire Department also responds to wildfires in this area. Township Fire Department response times will typically be quicker than that of the Alpena DNR Task Force due to the VFD's proximity to Compartment 80.

This compartment is located in the southwest part of Alpena County making protection coverage somewhat difficult. Past fire suppression in this area resulted in equipment being dispatched from Alpena DNR, Atlanta DNR, Lincoln DNR and/or several local volunteer fire departments.

Additional Compartment Information:

A high majority of Compartment 80 is flat land dominated by lowland coniferous and lowland mixed deciduous forest. Pockets of aspen are present throughout on slightly higher and slightly better drained soils. The southwest portion of the compartment has higher ground with moderately rolling hills. This higher ground consists of hardwoods and mixed upland deciduous forest with a large red oak component.

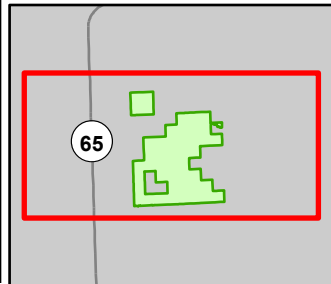
The following reports from the Inventory are attached:

- 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**

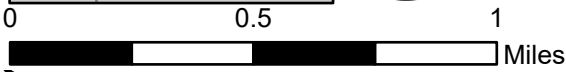
The following information is displayed, where pertinent, on the attached compartment maps:

- 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: 54080
 T29N, R6E, Sec: 5, 8, 9, 16, 17
 County: Alpena
 Unit: Atlanta
 Mgmt Area: Huron Sandy Lake Plain
 YOE: 2026
 Acres: 1860.9 GIS Calculated
 Examiner: Dale Parris
 Map Revised: 05/29/2024
 Map Phase: Web-Post



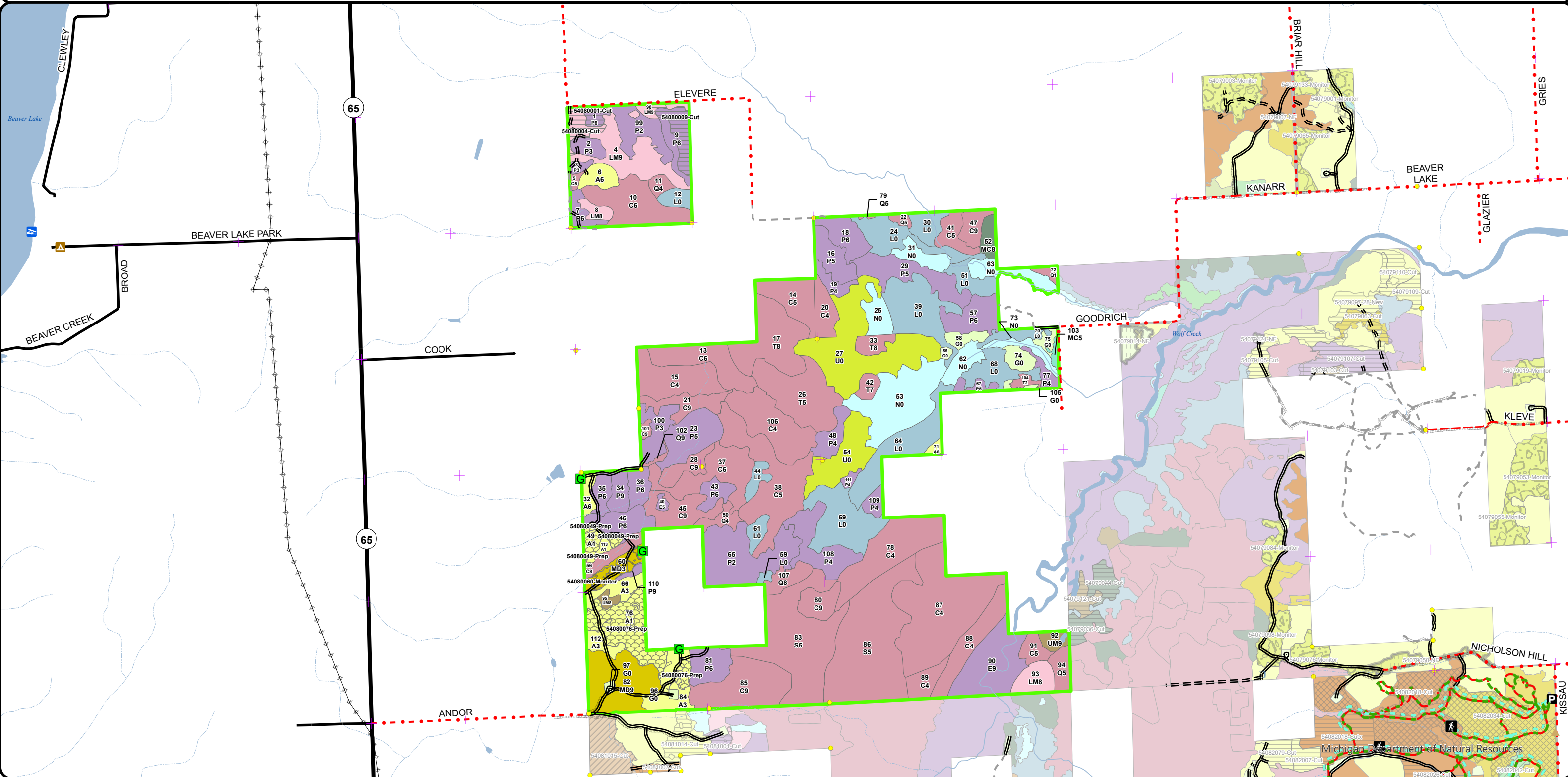
- ▲ Berms
- Ⓜ Gate
- 🚤 Boating Access Site
- ⌧ Culvert
- ⛺ Campground
- 🅑 Parking Lot
- Survey Grade Corners
- ⊕ Remonumented Section Corners
- 🚶 Hiking Trails

- - - Designated Bicycle Trails
- - - Designated Hiking Pathways
- == 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

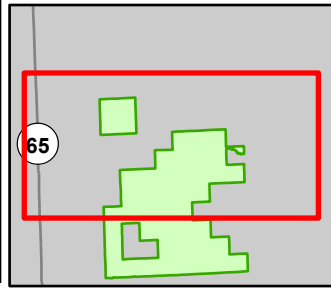
- Intermittent Stream
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Pipeline
- Powerline
- ▭ Compartment Boundary
- ▭ Counties
- ▭ Clearcut (w/Reserves)

- 📊 Regeneration Survey
- 📊 Site Prep
- 413 - Aspen Types
- 419 - Mixed Upland Deciduous
- 423 - Other Upland Conifers
- 429 - Mixed Upland Conifers
- 430 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest

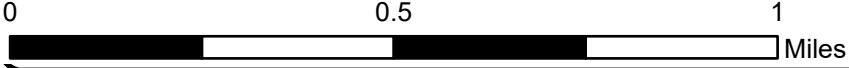
- 613 - Lowland Mixed Forest
- 310 - Herbaceous Openland
- 330 - Low Density Trees
- 622 - Lowland Shrub
- 623 - Emergent Wetland



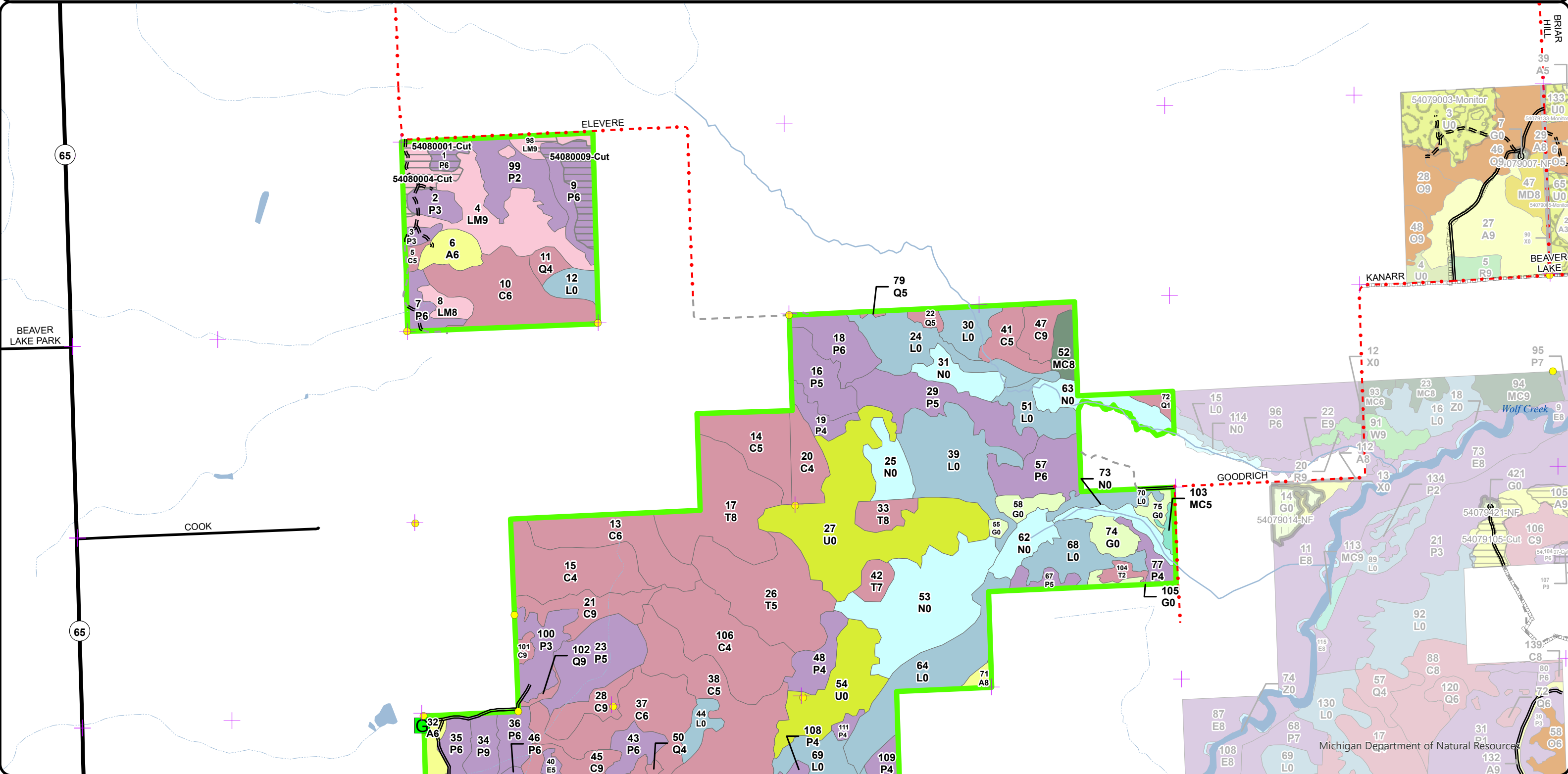
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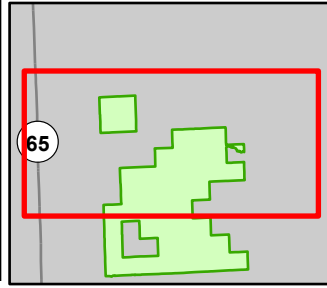
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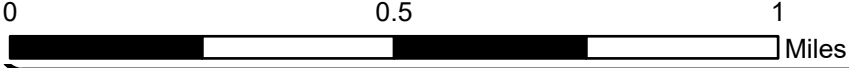
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|---------------------------------------|------------------------------|--------------------------------|---------------------------------|
| Gate | County - Gravel Road | Compartment Boundary | 612 - Lowland Coniferous Forest |
| Survey Grade Corners | Private - Dirt / Gravel Road | Counties | 613 - Lowland Mixed Forest |
| Remonumented Section Corners | Intermittent Stream | Clearcut (w/Reserves) | 310 - Herbaceous Openland |
| DNR - Secondary Forest Road | Lake/Pond | 413 - Aspen Types | 330 - Low Density Trees |
| DNR - Forest Access Route | Perennial River | 423 - Other Upland Conifers | 622 - Lowland Shrub |
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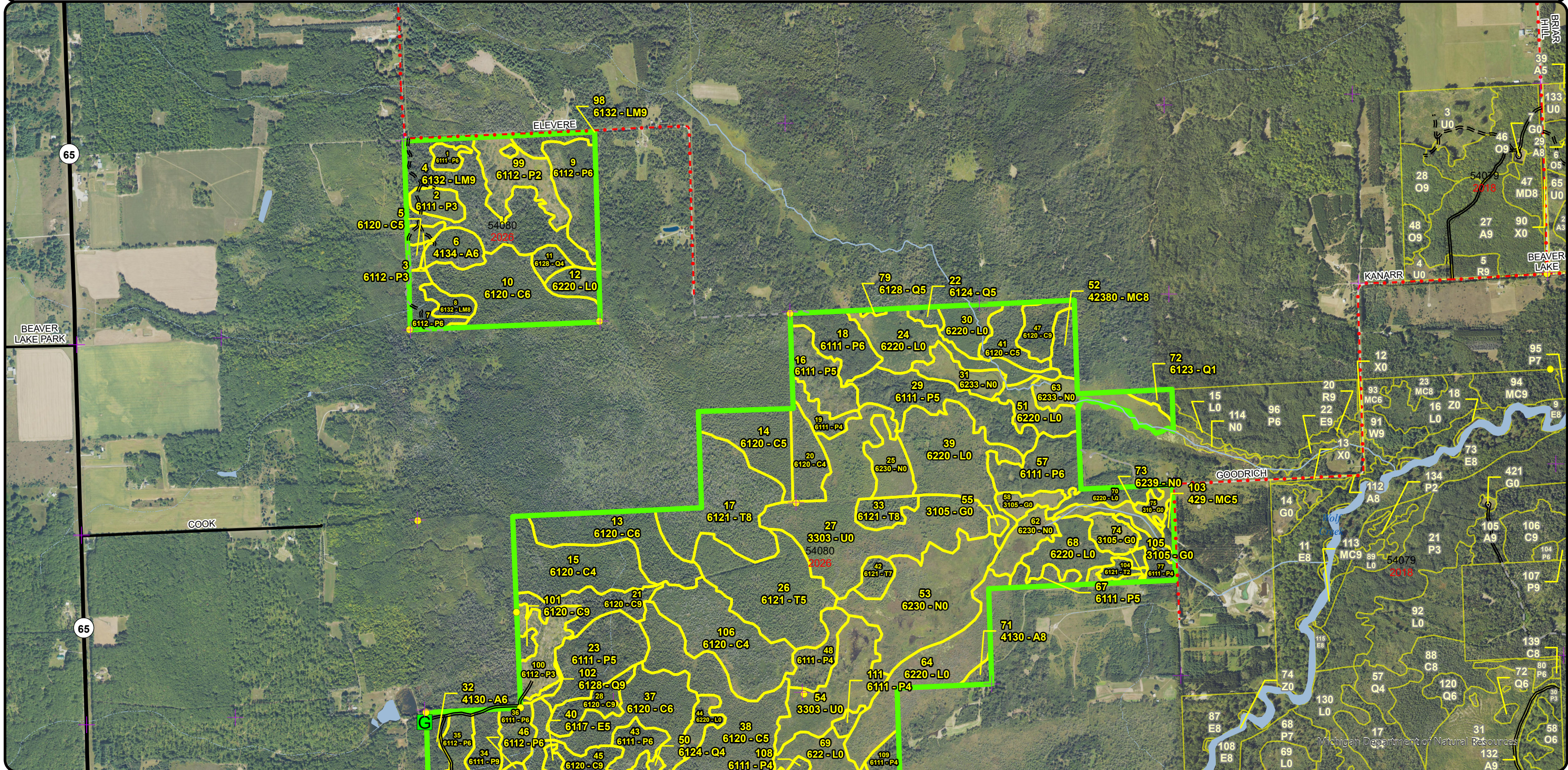
Stand Boundary Map



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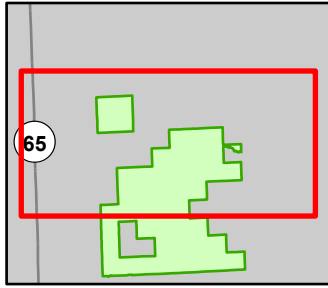


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Special Conservation Areas & Site Conditions Map

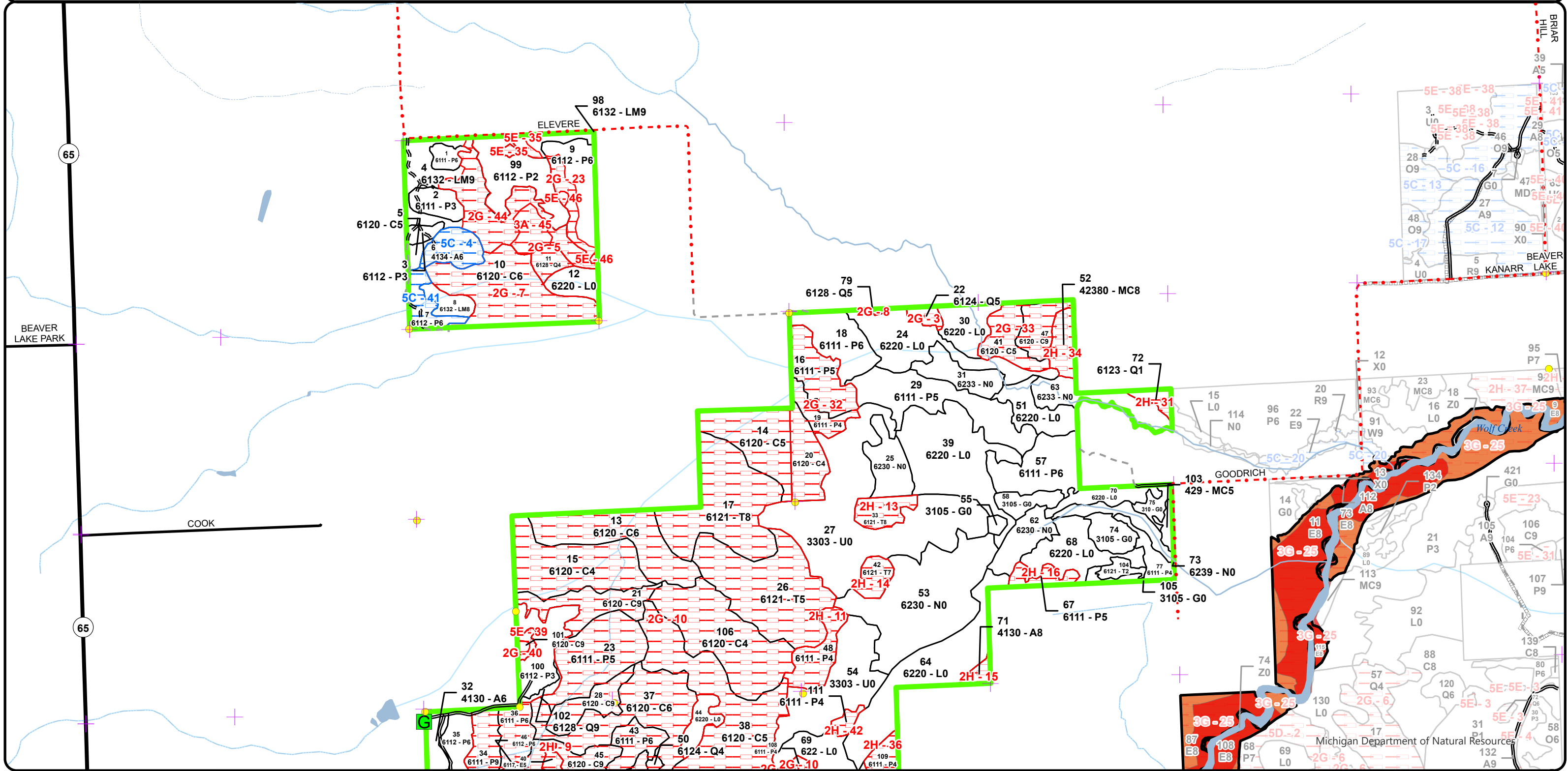
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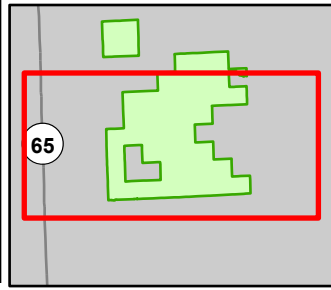
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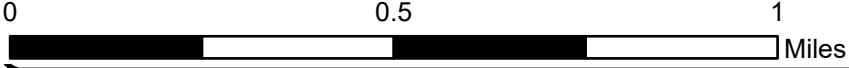
- 5C: Delay treatment for age/size class diversity or exceptional site quality
- 2G: Too wet (sensitive soils, does not include access issues)
- 2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)
- 3A: Conservation Values incompatible with harvest at this time
- 5E: Long-Term Retention
- Stand Boundaries
- Ecological Reference Areas
- Cold Water Streams
- Other Habitat Area



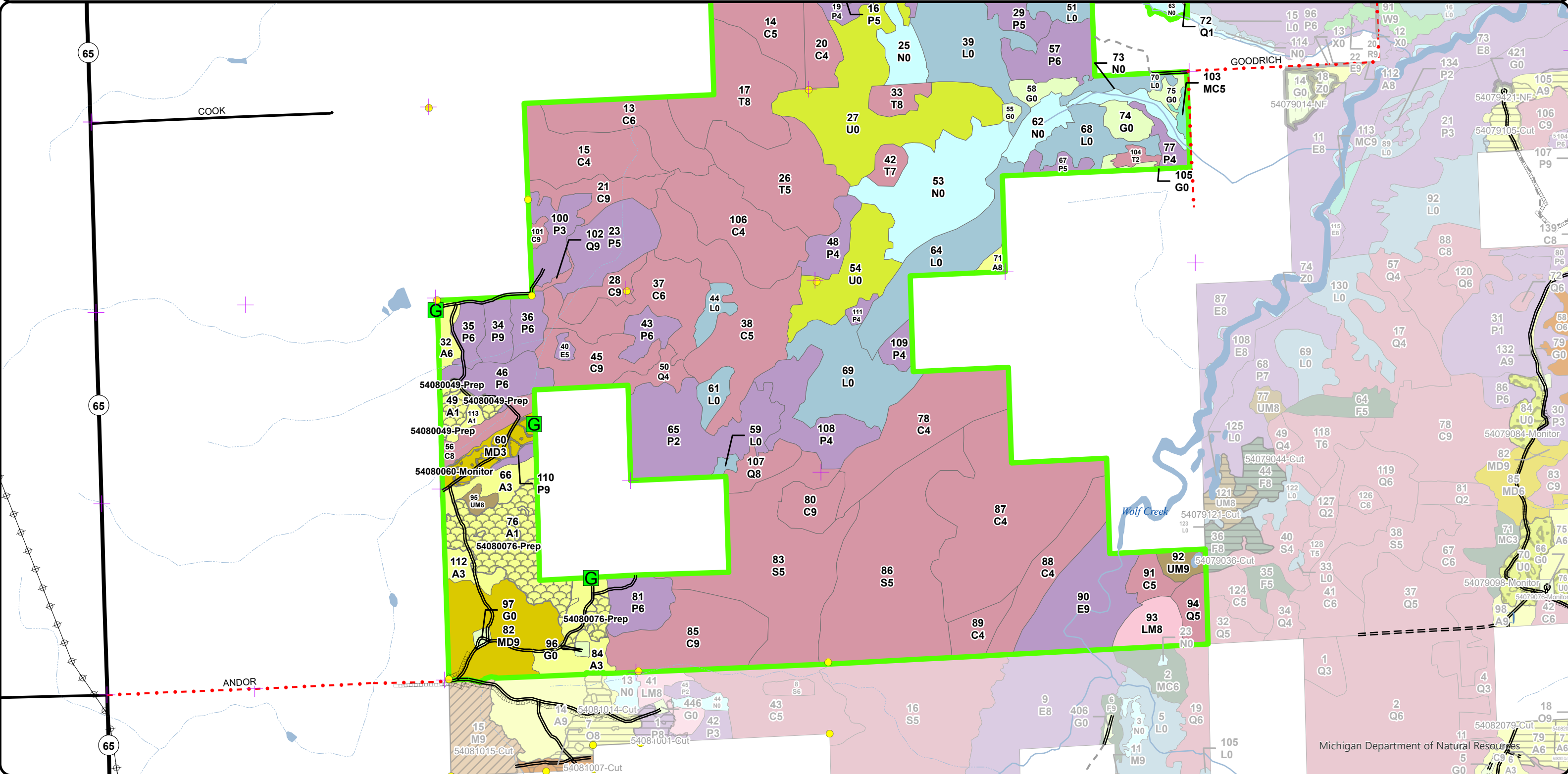
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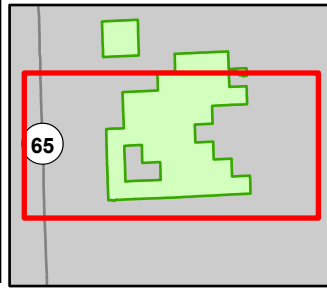
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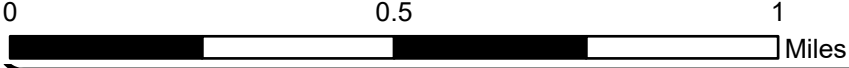
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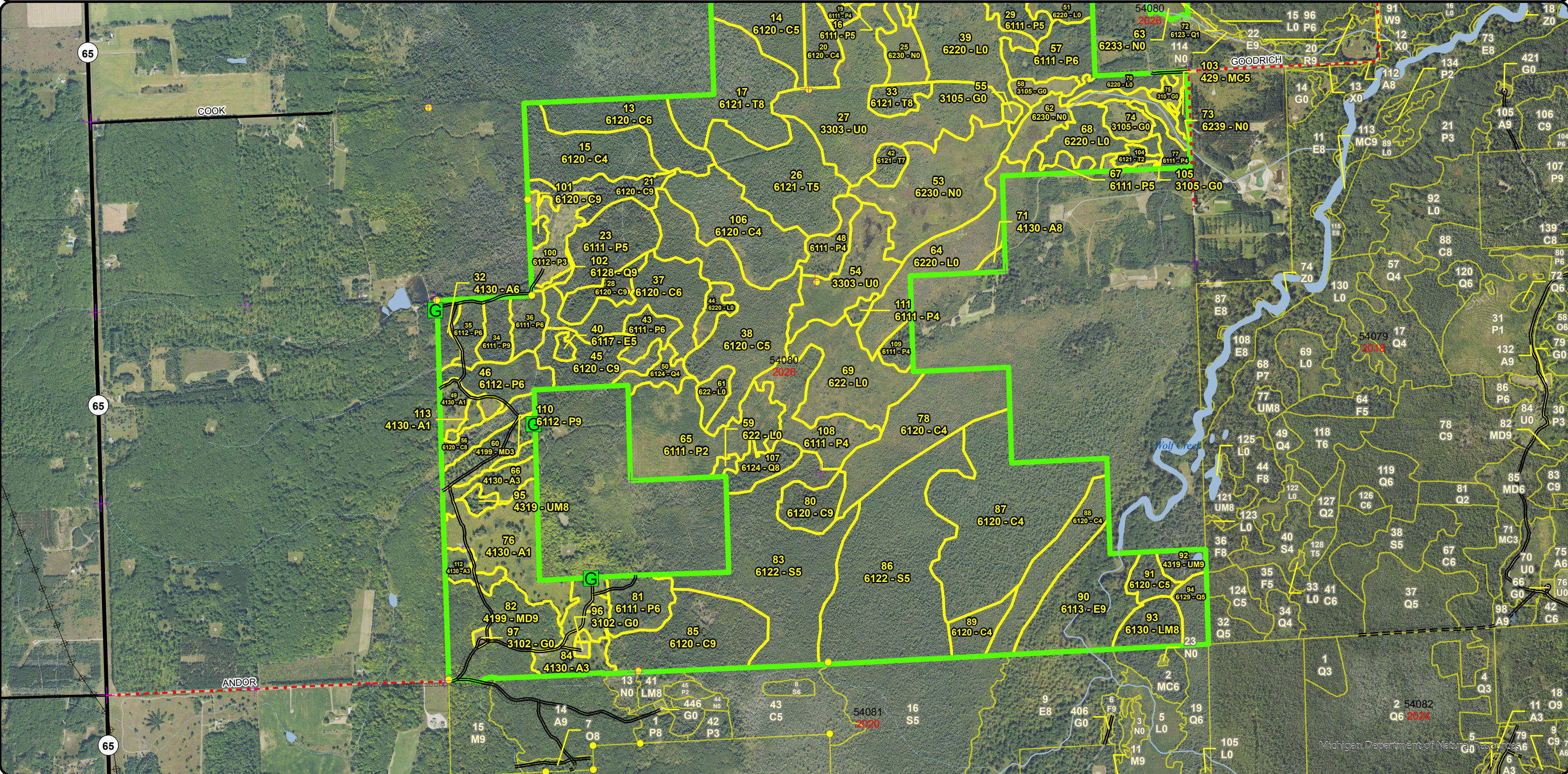
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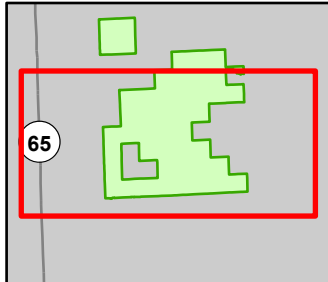


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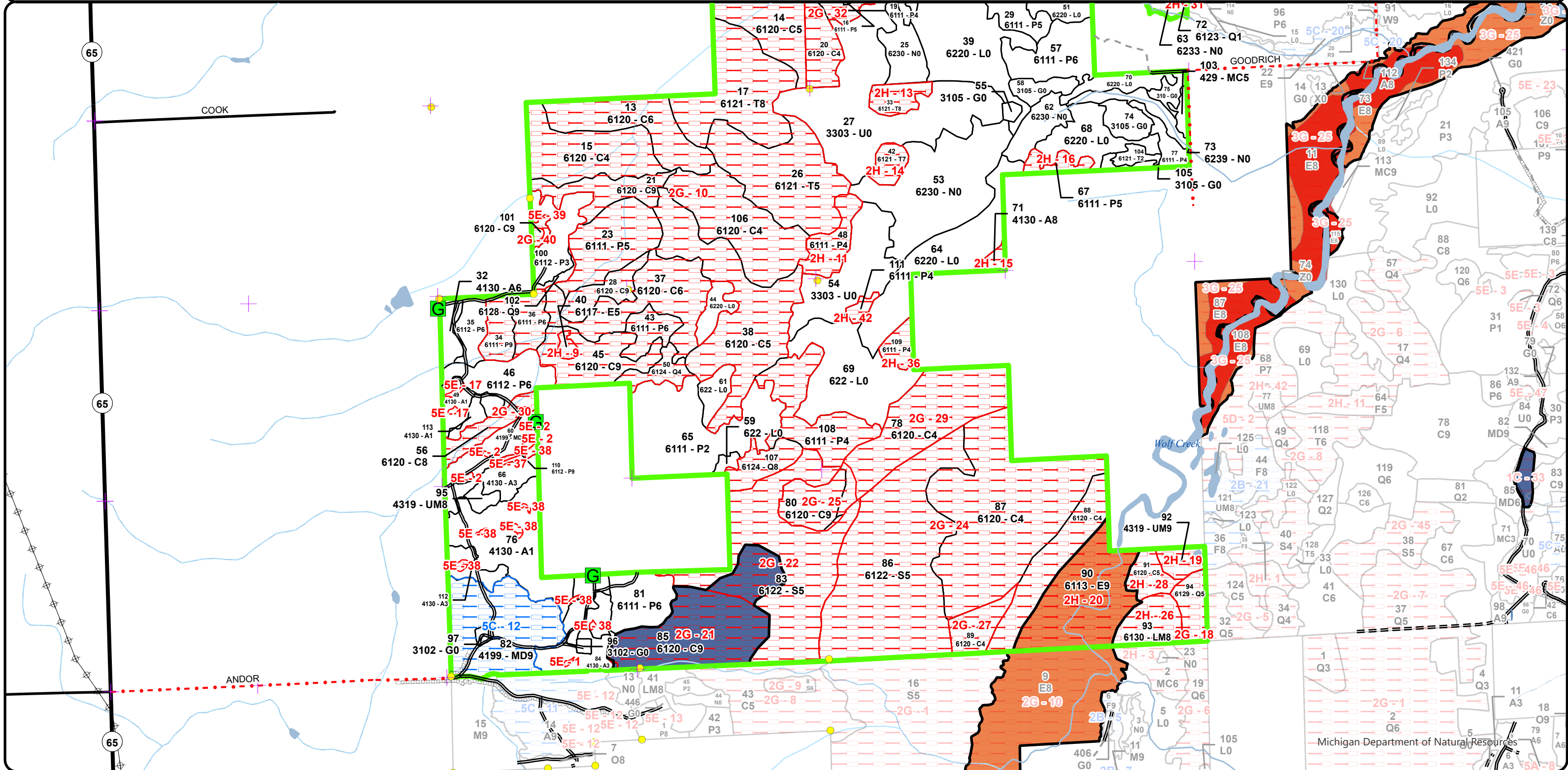
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- 2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)
- 5E: Long-Term Retention
- Stand Boundaries
- Ecological Reference Areas
- Cold Water Streams
- Spring Seep
- Other Habitat Area



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	81	0	0	6	9	0	0	2	0	0	0	0	0	0	0	0	0	97
Cedar	0	0	0	0	0	0	0	0	0	0	0	2	290	124	118	0	10	0	544
Herbaceous Openland	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21
Low-Density Trees	98	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	98
Lowland Aspen/Balsam Poplar	0	61	0	0	140	25	86	0	8	0	0	0	0	0	0	0	0	21	339
Lowland Conifers	0	0	0	0	0	3	0	0	12	0	8	0	12	1	0	0	0	0	35
Lowland Deciduous	0	0	0	0	0	2	0	0	0	0	0	0	40	0	0	0	0	0	42
Lowland Mixed Forest	0	0	0	0	0	5	0	0	0	12	0	0	0	45	0	0	0	0	62
Lowland Shrub	191	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	190
Lowland Spruce/Fir	0	0	0	0	0	0	0	0	0	167	0	0	0	0	0	0	0	0	167
Marsh	99	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	99
Mixed Upland Deciduous	0	0	0	0	0	0	0	0	0	0	0	12	40	0	0	0	0	0	52
Tamarack	0	0	0	0	0	0	0	0	82	0	0	12	0	0	0	0	0	3	97
Upland Conifers	0	0	0	0	0	0	0	7	0	0	0	0	0	0	0	0	0	0	7
Upland Mixed Forest	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0	3	9
Total	409	142	0	0	146	44	86	7	104	179	8	32	382	170	118	0	10	27	1859



Report 2 – Treatment Summary

Atlanta Mgt. Unit

Compartment 80

Year of Entry: 2026

Acres of Harvest

Total Compartment Acres: 1,861

Commercial Harvest - 26
 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	Overshory Removal	Salvage	Other	Total Acres
Lowland Aspen/Balsam Poplar	17	0	0	0	0	0	0	0	0	17
Lowland Mixed Forest	9	0	0	0	0	0	0	0	0	9
Total	26	0	0	0	0	0	0	0	0	26

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	26	44	0	0	0	0	10	0	0	80
Next Step	0	44	44	0	0	44	158	0	0	291
Total	26	88	44	0	0	44	168	0	0	371



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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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Proposed Treatments:

1	54080001-Cut	3.2	6111 - Lowland Balsam Poplar	Poletimber Well	56	81-110	Harvest	Clearcut	6112 - Lowland Aspen	Even-Aged	No
<p><u>Prescription</u> Clear-cut.</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 is any low to medium stocked mix of aspen, balsam fir, and/or spruce.</p> <p><u>Other Comment:</u> Retention is not necessary due to the small size of the stand.</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2025</p>											

4	54080004-Cut	9.3	6132 - Mixed Lowland Forest with Cedar	Sawtimber Well	120	141-170	Harvest	Clearcut	6117 - Lowland Deciduous, Mixed Coniferous	Even-Aged	No
<p><u>Prescription</u> Clear-cut.</p> <p><u>Specs:</u></p> <p>Retention is not necessary due to the small size of the stand.</p> <p>Include Dead and Down spec 5.2.4.7.</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 low to medium stocked mix of aspen, balsam fir, and/or spruce.</p> <p><u>Other Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2025</p>											

9	54080009-Cut	13.6	6112 - Lowland Aspen	Poletimber Well	51	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></p> <p>Place retention in areas that are hard to reach due to wet soils. This retention is already mapped in pockets to the west and east of the treatment.</p> <p>Include Dead and Down spec 5.2.4.7.</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, and/or spruce.</p> <p><u>Other Comment:</u> Stand 9 has been reshaped to exclude areas that appear too wet to harvest. Include all lands in Stand 9 that are dry enough for harvest as part of the treatment.</p> <p>Include portions of Stand 98 in the harvest as necessary for creating a landing.</p> <p>Much of Stand 9 already marked out of the harvest area is dead and dying balsam poplar in soil that is too wet to harvest.</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2025</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
49 54080049-Prep	6.8	4130 - Aspen	Sapling Poor	6	1-50	SitePrep	Trenching	4211 - Planted Red Pine	Even-Aged	No
<p><u>Prescription</u> Plant to red pine. <u>Specs:</u></p> <p><u>Next Step</u> Pesticide, Skidder - Site Prep; Planting, Initial Plant; Monitoring, Herbicide Use; Monitoring, Artificial Regen(1yr); Monitoring, Artificial <u>Treatments:</u> Regen(3yr); SitePrep, Roller Chopping</p> <p><u>Acceptable</u> Acceptable regeneration is a well-stocked stand of red pine with minimal amounts of other native species. <u>Regen:</u></p> <p><u>Other</u> <u>Comment:</u></p> <p><u>Site Condition</u></p> <p>Proposed Start Date: 10/1 /2025</p>										
76 54080076-Prep	37.3	4130 - Aspen	Sapling Poor	6	Immature	SitePrep	Roller Chopping	4211 - Planted Red Pine	Even-Aged	No
<p><u>Prescription</u> Roller chop to prepare the site for planting as needed. <u>Specs:</u></p> <p><u>Next Step</u> Pesticide, Skidder - Site Prep; SitePrep, Trenching; Planting, Initial Plant; Monitoring, Artificial Regen(1yr); Monitoring, Herbicide Use; <u>Treatments:</u> Monitoring, Artificial Regen(3yr)</p> <p><u>Acceptable</u> Acceptable Regeneration is a fully stocked stand of red pine with minor component of other native species. <u>Regen:</u></p> <p><u>Other</u> Some areas of aspen regeneration are included to square up the planting treatment. <u>Comment:</u></p> <p>The proposed treatment is for the planting of red pine where regeneration did not meet the acceptable regeneration. Areas that regenerated to aspen are mapped out in the reference layer. Other areas have varying amounts of ironwood, but most non-regenerated areas are raspberry/blackberry.</p> <p>2016 YOE Agreed Upon Regeneration: Acceptable regeneration is a medium to well stocked stand of northern red oak, aspen, sugar maple, basswood, and paper birch. Low amounts of beech and ironwood regeneration is acceptable.</p> <p><u>Site Condition</u></p> <p>Proposed Start Date: 10/1 /2025</p>										

Approved Treatments:

60 54080060-Monitor	10.0	4199 - Other Mixed Upland Deciduous	Sapling Well	107	51-80	Monitoring	Natural Regen (Re-Inventory)	4123 - Red Oak	Even-Aged	No
<p><u>Prescription</u> Perform a natural regeneration check during the 2026 YOE inventory. <u>Specs:</u></p> <p><u>Next Step</u> <u>Treatments:</u></p> <p><u>Acceptable</u> Acceptable regeneration is a mix of oak, sugar maple, red maple, white pine, basswood, and aspen. <u>Regen:</u></p> <p><u>Other</u> The regeneration did not meet that which was acceptable. The proposed prescription is to accept the mixed upland deciduous regeneration <u>Comment:</u> mix that came back.</p> <p><u>Site Condition</u></p> <p>Proposed Start Date: 10/1 /2023</p>										

Total Treatment 80.2
Acres Proposed:

Report 4 – Site Conditions

Atlanta Mgt. Unit
Dale Parris : Examiner

Compartment: 80
Year of Entry: 2026

Availability for Management

Total	Acres	Acres Avail	Acres
Acres	Available	With Condition	Not Available

Dominant Site Conditions

5C 2G 2H 3A 5E

97	83	9	5	Aspen	9	0	2	3
511	2	0	509	Cedar	0	500	7	1
21	20	1	0	Herbaceous Openland	1			
98	98	0	0	Low-Density Trees			0	
340	207	7	127	Lowland Aspen/Balsam Poplar	7	101	22	3
36	1	0	35	Lowland Conifers		32	3	
42	0	0	42	Lowland Deciduous		0	42	
62	20	0	42	Lowland Mixed Forest	0	22	12	6
191	191	0	0	Lowland Shrub		0	0	
167	0	0	167	Lowland Spruce/Fir		167		
99	99	0	0	Marsh			0	
52	11	40	1	Mixed Upland Deciduous	40	0		1
97	3	0	94	Tamarack		82	12	
9	2	0	7	Upland Conifers		0	7	
8	3	0	6	Upland Mixed Forest		0	6	
1,829	739	56	1,033	Total Forested Acres	56	905	113	6
	40%	3%	57%	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	0	Unspecified	Unspecified	Unspecified	Unspecified
Comments: This is long term retention for surrounding Stand 84 from Timber Sale No. 54016161; Sale Name: Andor Junction Mix.							
2	Unavailable	5E: Long-Term Retention	2	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments: This is long term retention for surrounding Stand 60 from Timber Sale No. 54016161; Sale Name: Andor Junction Mix.							

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3	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	3	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	Unspecified	Unspecified	Unspecified
Comments:							
4	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	9	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
5	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	4	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	Unspecified	Unspecified	Unspecified
Comments:							
7	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	35	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	Unspecified	Unspecified
Comments:							
8	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	1	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

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9	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
10	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	416	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
11	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	11	5D: Unproductive Forest Land	Unspecified	Unspecified	Unspecified
Comments:							
12	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	41	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
13	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	7	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

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14	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	5	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments:							
15	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
16	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	5	2B: Unknown if access through adjacent landowner(s) is possible	Unspecified	Unspecified	Unspecified
Comments:							
17	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments: This is long term retention for surrounding Stand 49 from Timber Sale No. 54016161; Sale Name: Andor Junction Mix.							
18	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	9	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
19	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

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20	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	40	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
21	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	40	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	3K: Rare or unique landforms	Unspecified	Unspecified
Comments: This stand has springs coming up from the ground that are the start of streams flowing to lower ground.							
22	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	75	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
23	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
24	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	201	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

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25	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	15	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	Unspecified	Unspecified	Unspecified
Comments:							
26	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	12	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
27	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	10	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	5D: Unproductive Forest Land	Unspecified	Unspecified
Comments:							
28	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
29	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	41	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	5D: Unproductive Forest Land	Unspecified	Unspecified
Comments:							

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30	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	9	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
31	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
32	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	33	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
33	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	19	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	Unspecified	Unspecified
Comments:							
34	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

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35	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments: This is long term retention for Timber Sale No.: 54-040-18; Timber Sale Name: Ditch to Nowhere Lowland Mix. A portion of this stand was removed from harvest due to the presence of a hawk's nest. The retention was moved to include some of the hawk's nest retained area and for facilitating the harvest of the stand to the southeast.							
36	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
37	Unavailable	5E: Long-Term Retention	1	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments: This is long term retention for Stand 66 to the southwest from Timber Sale No. 54016161; Sale Name: Andor Junction Mix.							
38	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments: This is long term retention for surrounding Stand 76 from Timber Sale No. 54016161; Sale Name: Andor Junction Mix.							
39	Unavailable	5E: Long-Term Retention	1	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments: This is long term retention for Timber Sale No.: 54-040-18; Timber Sale Name: Ditch to Nowhere Lowland Mix.							
40	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

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Dale Parris : Examiner

Compartment: 80
Year of Entry: 2026

41	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
42	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
44	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	22	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
45	Unavailable	3A: Conservation Values incompatible with harvest at this time	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments: This is a deer yarding area during hard winters.							
46	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments: This is proposed long term retention for the proposed treatment on Stand 9.							

Mgt. Unit

Compartment: #Type!

Year of Entry:



Report 5 – PROPOSED SPECIAL CONSERVATION AREA* (SCA) DETAILS

* This is a partial list of SCAs for this compartment. Not included are those areas identified under other Department initiatives (Natural Rivers, Deer Wintering Areas, etc.). Those will be identified in separate, future map and report products.

SCA Name	SCA Category	Detail Type	Recommendation	Acres
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Comments



Report 6 – EXISTING SPECIAL CONSERVATION AREA DETAILS

* This is a list of SCA's for this compartment along with a 1/4 mile buffer surrounding the compartment. Refer to the Special Conservation Area Map for locations of the below listed Conservation Areas.

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

Conservation Area	Type	Description
SCA	Cold Water Lake	A coldwater lake has temperature and dissolved oxygen conditions that allow naturally-reproduced or stocked trout populations and those of other coldwater fish species to persist from year to year. Suitable conditions for coldwater fishes may occur in Michigan lakes if they are relatively deep, have substantial groundwater inflows, or are located in colder (northern) areas of the state. Such lakes are established by Director's action and designated as trout resources by Fisheries Order 200.
SCA	Cold Water Stream	A coldwater stream has temperature and dissolved oxygen conditions that allow naturally-reproduced or stocked trout populations and those of other coldwater fish species (e.g., slimy sculpin) to persist from year to year. Coldwater streams in Michigan typically provide these conditions due to substantial contributions of groundwater to their stream flows. Such streams are established by Director's action and designated as trout resources by Fisheries Order 210.



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments				
1	6111 - Lowland Balsam Poplar	Poletimber Well	3.2	56	81-110	N/A	This stand is a good representation of what would regenerate if the surrounding stand was harvested. Much of the aspen has rot in the center and the stand is declining in quality.				
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size	
Quaking Aspen		33	Pole	8	56	Autumn Olive		Trace	5 - 10 feet	Tall Shrub	
Balsam Poplar		65	Pole/Log	9	56	White Spruce		Low	Variable	Sapling	
Balsam Fir		2	Pole	6		Balsam Fir		High	Variable	Sapling	
2	6111 - Lowland Balsam Poplar	Sapling Well	6.2	31	1-50	N/A	This stand was harvested in early 1993 as part of Timber Sale Name: Elevere Rd Cedar; Timber Sale Number: 54-019-23. This stand is well stocked with a consistent density aspen throughout.				
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size	
White Pine		1	Sapling/Pole	4		Balsam Fir		High	Variable	Sapling	
Balsam Fir		5	Sapling	3							
Balsam Poplar		44	Sapling	4	31						
Quaking Aspen		50	Sapling	4	31						
3	6112 - Lowland Aspen	Sapling Well	2.5	33	1-50	N/A	This stand is well stocked. This stand was harvested as part of a sale closed out in April of 1991; Timber Sale Name: Elevere Road Block Again; Timber Sale No.: 54-011-91-01				
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size	
Balsam Poplar		10	Sapling/Pole	4		Balsam Fir		Medium	Variable	Sapling	
Balsam Fir		5	Pole/Sapling	5		Black Ash		Low	Variable	Sapling	
Quaking Aspen		85	Sapling/Pole	4	33	Autumn Olive		Trace	5 - 10 feet	Tall Shrub	
4	6132 - Mixed Lowland Forest with Cedar	Sawtimber Well	39.7	120	141-170	N/A	Areas of this stand are too wet to harvest. The northwest corner, and centrally, there is some harvestable ground. This stand has a consistent component of aspen throughout the canopy. During hard winters deer are using the central, cedar dense area of this stand, for winter travel and thermal cover.				
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size	
White Pine		2	Log/XLog	16		Tag Alder		Low	10 - 20 feet	Tall Shrub	
Red Pine		2	Log/XLog	15		Balsam Fir		High	Variable	Sapling	
Red Maple		3	Log/Pole	12							
Quaking Aspen		25	Log	14							
Balsam Fir		7	Log/Pole	10							
White Spruce		3	Log/Pole	13							
Balsam Poplar		15	Log	12							
Northern White Cedar		43	Log/Pole	10	120						
5	6120 - Lowland Cedar	Poletimber Medium	1.8	105	111-140	N/A		This stand has lots of windthrow and regeneration gaps. The aspen present are overmature, dying, and likely rotten inside. The cedar present are in poor health. This stand is too wet to harvest.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species			Density	Avg. Height	Size
Quaking Aspen		30	Log/Pole/Sap	16		Quaking Aspen			Low	10 - 20 feet	Sapling
Northern White Cedar		70	Pole/Log	8	105	Balsam Fir	High		Variable	Sapling	
						White Spruce	Low		Variable	Sapling	
						Autumn Olive	Low		5 - 10 feet	Tall Shrub	
						Black Ash	Low	Variable	Sapling		



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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6 4134 - Aspen, Spruce/Fir Poletimber Well 8.5 41 51-80 N/A The aspen form a supercanopy over a majority of the spruce and fir.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black Spruce	10	Sapling/Pole	4		Balsam Fir	Medium	>20 feet	Sapling
Balsam Fir	15	Sapling/Pole	4	52	Black Spruce	Low	Variable	Sapling
Balsam Poplar	5	Pole/Sapling	7		White Spruce	Low	Variable	Sapling
White Spruce	10	Sapling/Pole	4					
Quaking Aspen	60	Pole/Sapling	7	41				

7 6112 - Lowland Aspen Poletimber Well 7.0 41 51-80 N/A The stand is balsam poplar dominate in the northern third, has a strip of cedar running E-W centrally, and is quaking aspen dominant in the southern two-thirds. The northern half of this stand is too wet to harvest and some of the southern area of the stand may prove too wet to harvest. Access to the stand is difficult due to wet ground. Records show that the SW corner of this stand was harvested in 1983 and the SE portion of this stand was harvested in 1986.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Northern White Cedar	7	Log/Pole	10		Balsam Fir	High	Variable	Sapling
Balsam Poplar	20	Pole/Log/Sap	8		Black Ash	Low	Variable	Sapling
Balsam Fir	15	Pole/Sapling	5		White Spruce	Low	Variable	Sapling
Quaking Aspen	58	Pole	7	41				

8 6132 - Mixed Lowland Forest with Cedar Sawtimber Medium 4.7 41 51-80 N/A A 10 in. dbh cedar cored at 98 plus 15 for an age of 113. This stand has variable age regeneration pockets due to windthrow incidents. This stand is extremely wet.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Balsam Poplar	35	Pole/Sap/Log	7	41	Balsam Fir	Medium	Variable	Sapling
Paper Birch	15	Pole/Sapling	6		Black Ash	Medium	Variable	Sapling
Balsam Fir	20	Pole/Sapling	6					
Northern White Cedar	30	Log/Pole	10	123				

9 6112 - Lowland Aspen Poletimber Well 18.7 51 81-110 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Quaking Aspen	60	Pole/Log	8	51	Tag Alder	Low	5 - 10 feet	Tall Shrub
Balsam Poplar	33	Pole/Log	8	51	White Spruce	Low	Variable	Sapling
Balsam Fir	5	Pole/Sapling	7		Balsam Fir	Medium	Variable	Sapling
White Spruce	2	Pole/Sapling	6		Black Ash	High	Variable	Sapling

10 6120 - Lowland Cedar Poletimber Well 34.4 138 N/A There was lots of sign of deer yarding up here for the winter in the winter of 2013-14. There are lots of windthrown cedar in areas of the stand. The stand seems to be holding more water than it did during the 2016 Inventory. This stand is difficult to walk though in areas due to cedar windthrow and hummocky areas. There was much standing water during the 2026 Inventory. This stand is too wet to harvest.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Northern White Cedar	82	Pole/Log	9	138	Balsam Fir	Low	Variable	Sapling
Paper Birch	3	Pole/Log	8					
Quaking Aspen	2	Log/Pole	11					
White Spruce	3	Log/Pole	13					
Balsam Fir	8	Pole/Sapling	6					
Black Spruce	2	Pole/Sapling	5					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																							
11	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Poor	4.1	110	1-50	N/A	This stand is too wet to harvest. This stand has seasonal flooding.																																																							
<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>Red Maple</td> <td>30</td> <td>XLog/Log</td> <td>18</td> <td>110</td> </tr> <tr> <td>Balsam Poplar</td> <td>10</td> <td>Log/Pole</td> <td>12</td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>30</td> <td>Pole/Sapling</td> <td>7</td> <td></td> </tr> <tr> <td>Northern White Cedar</td> <td>30</td> <td>Pole/Log</td> <td>8</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	30	XLog/Log	18	110	Balsam Poplar	10	Log/Pole	12		Balsam Fir	30	Pole/Sapling	7		Northern White Cedar	30	Pole/Log	8		<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>Black Ash</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Tag Alder</td> <td>High</td> <td>10 - 20 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Balsam Fir</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Black Ash	Low	Variable	Sapling	Tag Alder	High	10 - 20 feet	Tall Shrub	Balsam Fir	Low	Variable	Sapling																		
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Tag Alder	High	10 - 20 feet	Tall Shrub																																																											
Balsam Fir	Low	Variable	Sapling																																																											
12	6220 - Alder/willow	Nonstocked	6.4			No	This is lowland shrub with scattered red maple, cedar, and balsam fir.																																																							
13	6120 - Lowland Cedar	Poletimber Well	26.5	115	111-140	N/A	There is not much understory to this stand. The forest floor is covered with sphagnum moss. This stand is easier to walk than adjacent stands.																																																							
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14	6120 - Lowland Cedar	Poletimber Medium	20.7	122	111-140	N/A	The canopy is too open to offer good thermal cover for wildlife. The 2016 inventory stand data was updated with an internal edge call made during the 2026 inventory. The stand appears to be a continuous mosaic of cedar clumps intermixed with standing water, cattail, and lowland shrub.																																																							
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15	6120 - Lowland Cedar	Poletimber Poor	30.3	115		N/A	Open areas in canopy have cattail and tamarack regen. This stand is hummocky with moderate windthrow throughout.																																																							
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16	6111 - Lowland Balsam Poplar	Poletimber Medium	14.7	50	51-80	N/A	Areas of swamp grass and tag alder veins/pockets make the density of the aspen inconsistent. The area, in general, seems to have a water table that is increasing over time. The rising water table is likely related to scattered beaver activity throughout the surrounding area.																																																							
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments			
17	6121 - Tamarack	Sawtimber Medium	39.8	74	51-80	N/A	This stand has cattail and standing water throughout in March of 2024. Up to half the tamarack may be dead due to a steadily rising water table. All the tamarack will likely be dead by the 2036 inventory. This stand is much too wet to harvest.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Tamarack		75	Log/Pole	10	74	Tamarack		Low	Variable	Sapling
Northern White Cedar		3	Pole/Log	8		Tag Alder		Low	Variable	Tall Shrub
Black Spruce		20	Pole/Log	9		Cattail spp.		High	Unspecified	Non-Wood
Paper Birch		2	Pole/Sapling	6		Sphagnum Moss		High	Unspecified	Non-Wood
						Black Spruce		Low	Variable	Sapling
						Red Osier Dogwood		Medium	5 - 10 feet	Tall Shrub
18	6111 - Lowland Balsam Poplar	Poletimber Well	14.9	34	81-110	N/A		All trees with a merchantable stick were harvested from this stand in a sale closed in September of 1989: Timber Sale Name: Goodel Block; Timber Sale Number: 54-045-86-01		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species			Density	Avg. Height
Quaking Aspen		49	Pole	7	34	White Spruce	Trace		Variable	Sapling
Black Cherry		2	Pole/Sapling	6		Tag Alder	Medium		10 - 20 feet	Tall Shrub
Balsam Poplar		49	Pole/Sapling	7		Balsam Fir	Trace		Variable	Sapling
19	6111 - Lowland Balsam Poplar	Poletimber Poor	6.1	50	1-50	N/A	The balsam poplar are log sized to the south, sapling size centrally, and pole size to the north. The tamarack and balsam popular to the south are much older. This stand was saturated with standing water throughout in March of 2024.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Balsam Poplar		73	Pole/Log/Sap	8	50	Tamarack		Low	Variable	Sapling
Paper Birch		2	Pole/Sapling	6		Balsam Poplar		Low	Variable	Sapling
Tamarack		20	Log/Pole	12	103	Black Ash		Low	Variable	Sapling
Northern White Cedar		5	Log/Pole	10		Tag Alder		Full	5 - 10 feet	Tall Shrub
20	6120 - Lowland Cedar	Poletimber Poor	11.8	122	51-80	N/A	This stand was walked through in 2014, and an edge call was made in 2024. From the edge, this stand appears to be hummocky with islands of cedar throughout. There was standing water and muck in 2024 making the stand difficult to traverse.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Paper Birch		5	Pole/Sapling	6		Tag Alder		High	5 - 10 feet	Tall Shrub
Balsam Poplar		7	Pole/Log/Sap	8		Cattail spp.		High	Unspecified	Non-Wood
Northern White Cedar		83	Pole/Log	8	122	Tamarack		Low	Variable	Sapling
Tamarack		5	Pole/Sap/Log	8						
21	6120 - Lowland Cedar	Sawtimber Well	13.8	115	141-170	N/A	There is much windthrow throughout the northern stretch of the stand. The southern arm is dominant to larger diameter cedar with an open subcanopy. The age of the dominant component of the canopy (Northern white cedar) was estimated due to rotten tree centers making aging difficult. Therefore, age was based off of adjacent stands.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Balsam Poplar		10	Log	15		Balsam Fir		Low	Variable	Sapling
Balsam Fir		10	Log/Pole	12		Black Ash		Low	Variable	Sapling
Northern White Cedar		70	Log/Pole	11	115					
White Spruce		10	Log	14						



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																															
22	6124 - Lowland Spruce-Fir	Poletimber Medium	2.5	75	51-80	N/A	The age of this stand is highly variable due to past disturbance.																																															
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23	6111 - Lowland Balsam Poplar	Poletimber Medium	24.7	35	51-80	N/A	The diameter of the balsam poplar varies highly. This stand is too wet to harvest.																																															
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24	6220 - Alder/willow	Nonstocked	22.5			No	This is lowland shrub with pockets of cattail.																																															
25	6230 - Cattail	Nonstocked	10.9			No	This stand is a mix of cattail, lowland shrub, and seasonal standing water.																																															
26	6121 - Tamarack	Poletimber Medium	42.6	78		N/A	This stand is similar to the stand to the north, except for it has a denser understory. The tamarack are basically the same age as the tamarack to the north, but they are of a smaller diameter with a greater concentration of black spruce mixed in. The tamarack are not experiencing the die off the stand to the north is experiencing. This stand is not quite as wet as the stand to the north.																																															
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27	3303 - Mixed Low Density Trees	Nonstocked	69.4			No	This is a stand consisting of sparse trees mixed with cattail. (Tree Species: BAM, tamarack, tag alder, shrub willow, red maple, paper birch, cedar) Trees are generally stunted and unhealthy due to the high water table (Except for tamarack). Cattails are present throughout.																																															
28	6120 - Lowland Cedar	Sawtimber Well	9.7	115	171-200	N/A	This stand is larger diameter cedar than the stand to the south with an easier to walk through, open subcanopy. This stand is used by deer in the winter. There is sparse to no understory.																																															
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments				
29	6111 - Lowland Balsam Poplar	Poletimber Medium	26.9	34	1-50	N/A	The basal area is highly variable with areas of grass and tag alder throughout. This stand has about 10 apple trees spaced out through it. All trees with a merchantable stick were harvested from this stand in a sale closed in September of 1989: Timber Sale Name: Goodel Block; Timber Sale Number: 54-045-86-01				
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size	
Tamarack		3	Pole/Sapling	5		Tag Alder		High	Variable	Tall Shrub	
Quaking Aspen		44	Pole/Sapling	7	34	White Spruce		Low	Variable	Sapling	
Balsam Fir		6	Pole/Sapling	7		Balsam Fir		Low	Variable	Sapling	
Balsam Poplar		40	Pole/Sapling	6	34						
White Spruce		2	Pole/Sapling	6							
Black Cherry		5	Pole/Sapling	5							
30	6220 - Alder/willow	Nonstocked	9.8			No	This nonforested stand has a sparse amount of pole/sapling sized paper birch scattered throughout.				
31	6233 - Wet Meadow	Nonstocked	9.8			No	This is a grass covered area that is most likely wet all year. Much of the stand is covered in lowland shrub.				
32	4130 - Aspen	Poletimber Well	5.6	38		N/A	A windthrow event occurred in about a half acre in the center of the stand. This stand is well stocked and looking healthy. All trees with a merchantable stick were harvested from this stand in a sale closed in March of 1989: Timber Sale Name: Off Line Block; Timber Sale Number: 54-041-86-01. Trees aged out a little older than cut records indicate.				
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size	
Red Maple		3	Pole/Sap/Log	5		White Oak		Trace	Variable	Sapling	
Red Oak		2	Log	13		White Pine		Trace	Variable	Sapling	
Balsam Fir		2	Pole/Sapling	6		Red Maple		Low	Variable	Sapling	
White Pine		2	Log	12							
Bigtooth Aspen		91	Pole	7	38						
33	6121 - Tamarack	Sawtimber Medium	6.9	103	1-50	N/A	This stand was last visited during the 2016 YOE Inventory.				
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size	
Balsam Poplar		3	Pole/Sapling	6		Tamarack		Low	Variable	Sapling	
Tamarack		97	Log/Pole	10	103	Tag Alder		High	5 - 10 feet	Tall Shrub	
34	6111 - Lowland Balsam Poplar	Sawtimber Well	8.4	76	51-80	N/A	This stand appears to be upland with snow covering the ground, but the saturated soil can be seen when the ground is clear of snow. This stand has a lower canopy packed with tall submerchantable/merchantable balsam fir saplings (3-6 in DBH). A large amount of the log sized aspen present is in the southern third of the stand. The log sized aspen are spaced out in clumps. As the aspen dies out of the canopy, this is headed towards a balsam fir dominated stand. This stand is too wet to harvest.				
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size	
Quaking Aspen		4	Log/Pole	10	72	Balsam Fir		Medium	Variable	Sapling	
Balsam Poplar		52	Log/Pole	11	76	Black Ash		Low	Variable	Sapling	
Black Ash		1	Pole/Sapling	5							
Paper Birch		3	Pole/Sapling	7							
Northern White Cedar		9	Log	15							
Red Maple		1	Log/Pole	12							
Balsam Fir		30	Pole	8							



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																														
35	6112 - Lowland Aspen	Poletimber Well	7.6	35		N/A	This is a borderline lowland/upland stand. Some areas are wet and will be difficult to harvest. This stand appears to be upland with snow covering the ground, but the saturated soil can be seen when the ground is clear of snow. The southern fifth of this stand is lowland. All trees with a merchantable stick were harvested from this stand in a sale closed in March of 1989: Timber Sale Name: Off Line Block; Timber Sale Number: 54-041-86-01																																														
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36	6111 - Lowland Balsam Poplar	Poletimber Well	8.4	35	51-80	N/A	This stand has saturated soil throughout. This stand appears to be upland with snow covering the ground, but the saturated soil can be seen when the ground is clear of snow. Much of the stand is cutover cedar, as evidenced by old, scattered stumps. Most of this stand could prove too wet to harvest. All trees with a merchantable stick were harvested from this stand in a sale closed in March of 1989: Timber Sale Name: Off Line Block; Timber Sale Number: 54-041-86-01																																														
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37	6120 - Lowland Cedar	Poletimber Well	31.6	115	111-140	N/A	The cedar are small in diameter and generally dense throughout. Some less dense areas of cedar on higher ground is present to the west.																																														
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38	6120 - Lowland Cedar	Poletimber Medium	54.4	115		N/A	This stand is a tangled mess of cedar growing at odd angles from a mosaic of hummock mounds surrounded by muck and water. The southern arm was added to this stand during the 2026 YOY inventory as stands were reshaped.																																														
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39	6220 - Alder/willow	Nonstocked	35.8			No																																															



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments			
40	6117 - Lowland Deciduous, Mixed Coniferous	Poletimber Medium	1.8	45	1-50	N/A	This stand varies greatly in age due to past disturbance. This stand is surrounded by even lower areas of coniferous forest. During the winter of 2013-14 this stand was ash dominate. Most ash have died out of the canopy due to EAB, but there are some ash still present and seemingly healthy.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Balsam Poplar		35	Pole	8	45	White Ash		Low	Variable	Sapling
White Spruce		5	Log	16		Balsam Poplar		Low	Variable	Sapling
Balsam Fir		15	Log/Pole/Sap	11		White Spruce		Low	Variable	Sapling
Green Ash		10	Log/Pole	10	63	Tag Alder		Low	Variable	Tall Shrub
Northern White Cedar		5	Log	13		Balsam Fir		Low	Variable	Sapling
Paper Birch		5	Pole/Log	8						
Red Maple		10	Log/XLog	17						
41	6120 - Lowland Cedar	Poletimber Medium	10.4	121	81-110	N/A	This stand has a good amount of windthrow.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	
Paper Birch		2	Log/Pole	10		Tag Alder	Low	Variable	Tall Shrub	
Balsam Fir		10	Pole/Log/Sap	8						
Northern White Cedar		81	Pole/Log	9	121					
White Spruce		7	Pole/Log	8						
42	6121 - Tamarack	Sawtimber Poor	5.2	103	1-50	N/A	This stand was last visited during the 2016 YOE Inventory.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	
Tamarack		100	Log/Pole	10	103	Tag Alder	High	5 - 10 feet	Tall Shrub	
						Tamarack	Low	Variable	Sapling	
						Balsam Poplar	Low	Variable	Sapling	
						Paper Birch	Low	Variable	Sapling	
43	6111 - Lowland Balsam Poplar	Poletimber Well	7.9	42	81-110	N/A	There is a semi-thick understory/lower canopy that consists of balsam fir and white spruce. This stand is basically inaccessible and would be difficult to harvest due to the wetness of the soil.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
White Spruce		5	Log	12		Balsam Fir		Medium	Variable	Sapling
Quaking Aspen		5	Log/Pole	10		Tag Alder		Low	Variable	Tall Shrub
Balsam Poplar		70	Pole/Log	9	42	White Spruce		Low	Variable	Sapling
Balsam Fir		20	Pole/Sapling	7						
44	6220 - Alder/willow	Nonstocked	5.6			No	This nonforested stand is covered in alder and catail. There are white spruce and balsam fir scattered and in pockets with the occasional cedar, but the canopy coverage is less than 25 %.			



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																					
45	6120 - Lowland Cedar	Sawtimber Well	19.7	121	141-170	N/A	This stand has an open easily walkable understory in most areas, with much variation in cedar diameter. There is a lowland shrub pocket just shy of an acre in size in the center of the stand. If harvested, this stand, would most certainly covert to balsam poplar. This stand received moderate use by yarding deer in the winter of 2013-2014.																																																					
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46	6112 - Lowland Aspen	Poletimber Well	15.3	35	81-110	N/A	This stand appears to be upland with snow covering the ground, but the saturated soil can be seen when the ground is clear of snow. The western most arm of the stand is balsam fir dominate with healthy red oak stump sprouts clumps mixed in. Centrally, the stand is quaking aspen dominate (with a black ash understory) with surprisingly saturated soil as seen with snow off. The eastern most narrow piece of the stand is balsam poplar dominate. All trees with a merchantable stick were harvested from this stand in a sale closed in March of 1989: Timber Sale Name: Off Line Block; Timber Sale Number: 54-041-86-01																																																					
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47	6120 - Lowland Cedar	Sawtimber Well	8.6	121	201+	N/A																																																						
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48	6111 - Lowland Balsam Poplar	Poletimber Poor	10.6	50	51-80	N/A	This stand is slowly flooding and trees are dying off due to beaver activity in the area.																																																					
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49	4130 - Aspen	Sapling Poor	7.5	6	1-50	N/A	Whether to accept the regeneration as is or to do some type of stand regenerative treatment/planting will be discussed during the 2026 YOE Compartment Review process. As seen in the reference data, less than half of this stand regenerated. Areas of aspen are the dominate regeneration. Scattered oak regeneration is present. Oak stump sprouts are heavily browsed. This stand was harvested on 10/18/17 as part of Timber Sale Name: Andor Junction Mix; Timber Sale No.: 54-016-16-01. 1 to 3 oak were retained per acre. Acceptable regeneration includes a medium to well stocked stand of red oak, white oak, sugar maple, and paper birch with lower amounts of red maple, aspen, balsam fir, and ironwood.																																																					
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50	6124 - Lowland Spruce-Fir	Poletimber Poor	6.6	115		N/A	This stand is very wet with cattail throughout. The cedar are in poor health due to the high water levels. The trees present die young and survive on clumps.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Northern White Cedar		35	Pole/Log	8	115	White Spruce		Low	Variable	Sapling
Paper Birch		5	Pole/Sapling	5		Tag Alder		High	Variable	Tall Shrub
White Spruce		15	Pole/Log	8		Black Ash		Low	Variable	Sapling
Balsam Fir		35	Pole/Sapling	5		Balsam Fir		Low	Variable	Sapling
Balsam Poplar		10	Pole/Sap/Log	8						
51	6220 - Alder/willow	Nonstocked	10.8			No				
52	42380 - Non Pine Upland Conifer, Mixed Deciduous	Sawtimber Medium	6.6	64	81-110	N/A	The age of this stand is highly variable due to past disturbance and succession. The cedar are likely 100 plus years. Most other canopy species are well olderer than the balsam fir that made up the highest percentage of the canopy. The basal area is highly variable likely ranging from 50 to 150.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Northern White Cedar		15	Log/Pole	13		Balsam Fir		Medium	Variable	Sapling
Black Cherry		5	Pole/Sapling	6		White Spruce		Low	Variable	Sapling
Red Maple		2	Log/Pole	12		Tag Alder		Low	Variable	Tall Shrub
Paper Birch		5	Log/Pole	11						
Quaking Aspen		10	Log	14						
Balsam Poplar		10	Pole/Log/Sap	8						
White Spruce		21	Log/Pole	13						
53	6230 - Cattail	Nonstocked	48.7			No	This is a sea of cattail and lowland shrub with some sparse open water.			
54	3303 - Mixed Low Density Trees	Nonstocked	28.4			No	This non-forested stand has cattail throughout and could be considered an emergent wetland. Stunted and scattered tree species present include paper birch, balsam poplar, cedar, and black ash.			
55	3105 - Mixed Upland Herbaceous	Nonstocked	1.4			No	This is borderline wet meadow.			
56	6120 - Lowland Cedar	Sawtimber Medium	8.9	126		N/A	This is a lowland drainage area. Trees are dying off over time due to the highly saturated soil. This stand is too wet to harvest.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Paper Birch		2	Log/Pole	10		Balsam Fir		Low	Variable	Sapling
Balsam Poplar		2	Pole/Sapling	6		Black Ash		High	Variable	Sapling
Balsam Fir		4	Pole/Sapling	7						
Basswood		15	Log/Pole	12						
Northern White Cedar		77	Log/Pole	12	126					



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57	6111 - Lowland Balsam Poplar	Poletimber Well	18.4	34	51-80	N/A	This aspen stand is well stocked and is typical low quality lowland aspen. Areas of swamp grass and tag alder veins/pockets make the density of the aspen inconsistent. All trees with a merchantable stick were harvested from this stand in a sale closed in September of 1989: Timber Sale Name: Goodel Block; Timber Sale Number: 54-045-86-01																																																																										
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58	3105 - Mixed Upland Herbaceous	Nonstocked	5.4			No	This looks like an old field that used to get planted. The opening is slowly filling in along the edges with tamarack, balsam poplar, and tag alder.																																																																										
59	622 - Lowland Shrub	Nonstocked	1.6	0		No	This stand was broken off from the stand to the northeast due to its differing composition. The western portion of this stand is harvestable but likely unreachable for the foreseeable future. There is higher ground to the west and low ground to the east.																																																																										
60	4199 - Other Mixed Upland Deciduous	Sapling Well	11.9	107	51-80	N/A	A proposal is set to be made that the regeneration be accepted as is through the 2026 Compartment Review process. Oak stump sprouts from the 2017 harvest are heavily browsed. Oak regeneration present is that which was protected during the 2017 harvest. Shelterwood was completed on 10/24/17 with 30 BA residual. All trees were harvested from this stand with the exception of 30 BA of oak, sugar maple, basswood, and white pine in a sale closed in August of 2007; Timber Sale Name Andor Ridge; Timber Sale No.: 54-34-06-01.																																																																										
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61	622 - Lowland Shrub	Nonstocked	5.5		Immature	No	This stand is lowland shrub, cattail, standing water, and scattered trees. As water levels keep rising in the surrounding area, it might be that this stand is increasing in size due to canopy tree die off. Black ash die off helped lead to the non-forested designation of this stand.																																																																										
62	6230 - Cattail	Nonstocked	9.8			No	This is cattail with past signs of beaver activity in the form of old huts.																																																																										
63	6233 - Wet Meadow	Nonstocked	12.7			No																																																																											



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64	6220 - Alder/willow	Nonstocked	32.5			No																																																
65	6111 - Lowland Balsam Poplar	Sapling Medium	45.8	9	Immature	N/A	This stand is wet and it is uncertain if it will be harvestable again in the future. All trees with a merchantable stick were harvested from this stand in a sale closed in October of 2014: Timber Sale Name: Wallace Hunt Club; Timber Sale Number: 54-040-10-01.																																															
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66	4130 - Aspen	Sapling Well	9.6	7	Immature	N/A	Based on the acceptable regeneration agreed upon at the 2016 YOE Compartment Review, the centrally located regeneration of this stand was determined to be successful via a natural regeneration survey completed on 4/01/2024. The west and east portions of this stand regenerated to aspen and did not meet the agreed upon regeneration from the 2016 Compartment Review. The regeneration of these portions of the stand were accepted through the 2026 Compartment Review process and stand areas were remapped as necessary. This stand was harvested on 10/13/17 as part of Timber Sale Name: Andor Junction Mix; Timber Sale No.: 54-016-16-01.																																															
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67	6111 - Lowland Balsam Poplar	Poletimber Medium	4.5	42	81-110	N/A	This stand is in a very wet area.																																															
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68	6220 - Alder/willow	Nonstocked	16.3			No																																																
69	622 - Lowland Shrub	Nonstocked	36.5	0		No	This is lowland shrub and cattail under flooded out standing dead timber.																																															
70	6220 - Alder/willow	Nonstocked	7.2			No	This is lowland shrub with some scattered/pockets of tamarack and balsam poplar along the northern edge.																																															
71	4130 - Aspen	Sawtimber Medium	2.2	75	Unspecified	N/A	This stand is isolated/cornered in by a tag alder/willow lowland and cannot be reached to be harvested.																																															



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments			
72	6123 - Lowland Fir	Sapling Poor	2.9	42		N/A	This is a pole stand with a few scattered log trees of representative canopy species.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Balsam Fir		60	Pole/Sapling	5	42	Balsam Fir		Medium	Variable	Sapling
Quaking Aspen		5	Pole/Sapling	6		Black Cherry		Low	Variable	Sapling
Balsam Poplar		33	Pole/Sapling	6		Tag Alder		High	5 - 10 feet	Tall Shrub
Tamarack		2	Pole	8						
73	6239 - Mixed Emergent Wetland	Nonstocked	6.9			No	This is an emergent wetland runoff with catails and grass through the center and tag alder/shrub willow along both outer edges.			
74	3105 - Mixed Upland Herbaceous	Nonstocked	6.7			No	Tamarack is filing in this opening quickly.			
75	310 - Herbaceous Openland	Nonstocked	3.5			No				
76	4130 - Aspen	Sapling Poor	38.5	6	Immature	N/A	<p>Less than half of this stand regenerated to bigtooth aspen. Other areas are raspberry/blackberry or a mix of raspberry/blackberry and ironwood. A treatment is being proposed to trench and plant the area that did not regenerate to aspen to red pine and to accept the regeneration in areas that are aspen dominated.</p> <p>Acceptable Regeneration Per 2016 YOE Compartment Review: Complete a regen survey at 1 year post harvest due to possible dominance of beech. Acceptable regeneration is a medium to well stocked stand of northern red oak, aspen, sugar maple, basswood, and paper birch. Low amounts of beech and ironwood regeneration is acceptable. If high amounts of beech regeneration is dominating the site, herbicide application targeting beech will be necessary.</p> <p>This stand was harvested on 11/22/17 as part of Timber Sale Name: Andor Junction Mix; Timber Sale No.: 54-016-16-01. During the harvest, 1 to 3 large-crowned mast producing oak were retained per acre.</p>			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Basswood		2	Sapling	1		Autumn Olive		Trace	5 - 10 feet	Tall Shrub
Red Oak		5	Sapling	1						
Ironwood		9	Sapling	2						
White Ash		2	Sapling	1						
Black Cherry		1	Sapling	1						
Sugar Maple		1	Sapling	1						
Bigtooth Aspen		80	Sapling	1	6					
77	6111 - Lowland Balsam Poplar	Poletimber Poor	5.2	42	51-80	N/A		The BAM diameter is highly variable throughout. The northern point of the stand has an inclusion pocket of 2–3-inch sapling balsam poplar.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
Quaking Aspen		10	Pole	8		Balsam Poplar	Low		Variable	Sapling
Tamarack		10	Pole	8	42	Tamarack	Low		Variable	Sapling
Balsam Poplar		80	Pole/Log/Sap	8	42	Tag Alder	Full		10 - 20 feet	Tall Shrub
78	6120 - Lowland Cedar	Poletimber Poor	43.7	123	Unspecified	N/A	Canopy trees are stunted due to high soil moisture. The 21 percent pole size black ash from the 2016 Inventory has died out of the canopy.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Paper Birch		5	Pole/Sapling	6		Black Ash		Low	Variable	Sapling
Northern White Cedar		75	Pole	6	123	Tag Alder		High	5 - 10 feet	Tall Shrub
Black Spruce		2	Pole/Sapling	6						
Tamarack		18	Pole/Sapling	5						



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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79 6128 - Lowland Coniferous, Mixed Deciduous Poletimber Medium 0.5 125 51-80 N/A This was part of Stand 22 to the east but was remapped. A distance call saw cedar at the west end of the stand.

Canopy Species	% Cover	Size Class	DBH	Age
Paper Birch	10	Pole/Sapling	6	
Basswood	2	Log	13	
Balsam Poplar	15	Pole/Sapling	7	
Balsam Fir	23	Pole/Sapling	7	
Northern White Cedar	33	Log/Pole	13	125
White Spruce	17	Pole/Sap/Log	8	

Sub-Canopy Species	Density	Avg. Height	Size
Tag Alder	High	Variable	Tall Shrub
Balsam Fir	Medium	Variable	Sapling
White Spruce	Low	Variable	Sapling

80 6120 - Lowland Cedar Sawtimber Well 12.0 131 Unspecified N/A This slightly higher ground cedar. Some dense lowland shrub pockets are present.

Canopy Species	% Cover	Size Class	DBH	Age
Northern White Cedar	81	Log/Pole	11	131
Red Maple	2	Log	14	
Paper Birch	4	Pole/Sapling	6	
Quaking Aspen	5	Pole/Log	8	
Balsam Fir	2	Log/Pole	11	
Black Spruce	6	Pole/Log	8	

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	Low	Variable	Sapling
Black Spruce	Low	Variable	Sapling
Tag Alder	Medium	Variable	Tall Shrub

81 6111 - Lowland Balsam Poplar Poletimber Well 15.1 36 51-80 N/A All trees with a merchantable stick were harvested from this stand in a sale closed in February of 1988: Timber Sale Name: New Shack; Timber Sale Number: 54-044-86-01

Canopy Species	% Cover	Size Class	DBH	Age
Paper Birch	5	Sapling	4	
Quaking Aspen	30	Pole	8	36
Balsam Poplar	58	Pole	6	36
White Spruce	2	Pole/Sapling	6	
Balsam Fir	5	Pole/Sapling	5	

Sub-Canopy Species	Density	Avg. Height	Size
Tag Alder	Low	10 - 20 feet	Tall Shrub
Balsam Fir	Low	Variable	Sapling
Willow spp.	Low	10 - 20 feet	Tall Shrub
Paper Birch	Low	Variable	Sapling
Black Ash	High	Variable	Sapling
White Spruce	Low	Variable	Sapling

82 4199 - Other Mixed Upland Deciduous Sawtimber Well 39.7 119 81-110 N/A Red oak of 23 to 24 inches are common. The red oak have very large canopies, which is another indication that the large diameter oak remain from last harvest. The smooth bark on the smaller diameter red oak (8-12 in. dbh) indicate very vigorous growth. The larger sugar maple (12 in. dbh) are of poor quality. The smaller sugar maple (3-7 in. dbh) have been highly suppressed.

Canopy Species	% Cover	Size Class	DBH	Age
Bigtooth Aspen	20	Log/Pole	11	
Sugar Maple	15	Log/Pole/Sap	11	
Basswood	3	Log	14	
Paper Birch	2	Log/Pole	11	
Beech	15	Log/Pole	11	
Red Oak	45	XLog/Log	19	119

Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	Low	>20 feet	Sapling
Ironwood	Low	Variable	Sapling
Beech	Low	>20 feet	Sapling



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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83 6122 - Black Spruce Poletimber Medium 75.0 82 81-110 N/A Due to the wet lowland soil the canopy trees (except for the tamarack) are stunted and of small diameter.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black Spruce	52	Pole	7	82	Black Spruce	Low	Variable	Sapling
Paper Birch	5	Pole/Sapling	5					
Tamarack	20	Log/Pole	12					
Northern White Cedar	20	Pole/Log	8					
Balsam Poplar	3	Pole/Log	8					

84 4130 - Aspen Sapling Well 15.8 7 Immature N/A Based on the acceptable regeneration agreed upon at the 2016 YOE Compartment Review, the southwestern regeneration of this stand was determined to be successful via a natural regeneration survey completed on 4/01/2024.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Bigtooth Aspen	98	Sapling	1	7	Autumn Olive	Trace	5 - 10 feet	Tall Shrub
Beech	1	Sapling	1					
Balsam Fir	1	Sapling	1					

The north and east portions of this stand regenerated to aspen and did not meet the agreed upon regeneration from the 2016 Compartment Review. The regeneration of these portions of the stand were accepted through the 2026 Compartment Review process and stand areas were remapped as necessary.

This stand was harvested on 11/2/17 as part of Timber Sale Name: Andor Junction Mix; Timber Sale No.: 54-016-16-01.

85 6120 - Lowland Cedar Sawtimber Well 40.5 138 141-170 N/A Trace large white pine and hemlock are present. The basal area is highly variable (100-230). Springs of water are emerging from a few scattered spots throughout the stand. This stand is too wet to harvest.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black Spruce	15	Pole/Log	8	81	Tag Alder	Low	Variable	Tall Shrub
Red Maple	2	Log/Pole	10		Black Spruce	Low	Variable	Sapling
Northern White Cedar	60	Log/Pole	10	138	Balsam Poplar	Low	Variable	Sapling
Yellow Birch	1	Pole/Log	8					
Balsam Fir	5	Pole/Sap/Log	7					
White Spruce	4	Log/Pole	10					
Quaking Aspen	3	Log/Pole	13					
Paper Birch	4	Log/Pole	10					
Balsam Poplar	6	Log/Pole	10					

86 6122 - Black Spruce Poletimber Medium 92.0 82 51-80 N/A Due to the wet lowland soil the canopy trees (except for the tamarack) are stunted and of small diameter.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	2	Pole/Sapling	6		Tag Alder	Medium	Variable	Tall Shrub
Black Spruce	58	Pole/Sapling	6	82	Tamarack	Low	Variable	Sapling
Northern White Cedar	15	Pole	7		Black Spruce	Low	Variable	Sapling
Tamarack	25	Log/Pole	10					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																								
87	6120 - Lowland Cedar	Poletimber Poor	85.1	114	51-80	N/A																																																									
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88	6120 - Lowland Cedar	Poletimber Poor	24.0	130	81-110	N/A	The 32 percent pole size black ash that were in the canopy from the 2016 YOE Inventory are dead. There was standing water throughout in April of 2024. The trees are mainly growing on hummocks.																																																								
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89	6120 - Lowland Cedar	Poletimber Poor	9.9	150	1-50	N/A	The stand data is a 2026 inventory edge call updating the 2016 inventory walk through data. There looked to be standing water throughout in March of 2024 with trees growing on high hummock clumps in poor health due to saturated soil. This is a sparse swamp stand that sees very slow tree growth due to high soil moisture levels throughout the year.																																																								
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90	6113 - Lowland Maple	Sawtimber Well	39.9	119	111-140	N/A	The 20 percent canopy green ash from the 2016 inventory is dead due to EAB. The stand was flooded in March 2024, therefore, an edge call was made. 2016 YOE Inventory Note: The red maple are at the point where their inner rot is leading to limb loss/die back.																																																								
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
92	4319 - Mixed Upland Forest	Sawtimber Well	5.6	101	81-110	N/A	The second age is for the dense balsam fir in the lower canopy.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Red Maple		5	Log	15		Balsam Fir	
Quaking Aspen		40	Log	15	101	High	
Balsam Fir		20	Pole	7	51	Variable	
White Spruce		35	Log/Pole	12	89	Sapling	
93	6130 - Fir, Aspen, Maple	Sawtimber Medium	12.0	81	Unspecified	N/A	The second age class is for balsam fir in the lower canopy. This stand is too isolated to harvest.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
White Spruce		4	Pole/Sapling	8		Balsam Fir	
Black Spruce		8	Pole	8		High	
Paper Birch		4	Pole	7		Variable	
Northern White Cedar		8	Log/Pole	10		Sapling	
White Pine		4	XLog/Log	19		Black Spruce	
Balsam Fir		20	Pole/Sapling	6	49	Low	
Red Maple		30	Log/Pole	12	81	Variable	
Quaking Aspen		22	Log/Pole	12	81	Sapling	
						Tag Alder	
						Low	
						Variable	
						Tall Shrub	
94	6129 - Mixed Coniferous Lowland Forest	Poletimber Medium	8.4	90	1-50	N/A	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
White Spruce		5	Pole/Sap/Log	9		Tag Alder	
Northern White Cedar		46	Pole	7	90	Medium	
Tamarack		14	Pole/Log	8		5 - 10 feet	
Black Spruce		33	Pole	7		Tall Shrub	
Paper Birch		2	Pole/Sapling	6		Balsam Fir	
						Low	
						Variable	
						Sapling	
						Black Spruce	
						Low	
						Variable	
						Sapling	
95	4319 - Mixed Upland Forest	Sawtimber Medium	2.7	100	1-50	N/A	This is an old wildlife opening that had sugar maple scattered throughout. The sugar maple are still present and have large crowns. White pine has seeded in much of the stand. This stand now qualifies as being forested and it adds some diversity to the area.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
White Spruce		1	Log	15		White Spruce	
Sugar Maple		50	XLog/Log	20	100	Trace	
White Pine		48	Pole/Log/Sap	8		Variable	
Red Oak		1	Log	12		Sapling	
						Autumn Olive	
						Trace	
						5 - 10 feet	
						Tall Shrub	
						White Pine	
						Low	
						Variable	
						Sapling	
						White Ash	
						High	
						Variable	
						Sapling	
						Ironwood	
						Low	
						Variable	
						Sapling	
96	3102 - Grass	Nonstocked	1.0	0			This is a producing gas well pad.
97	3102 - Grass	Nonstocked	1.2				This is a producing gas well pad.



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																									
98	6132 - Mixed Lowland Forest with Cedar	Sawtimber Well	5.2	120	141-170	N/A	This stand has a consistent spaced out component of aspen throughout the canopy. Deer are using this stand and even more so the cedar stand to the south for winter travel and thermal cover.																																																									
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99	6112 - Lowland Aspen	Sapling Medium	18.8	4	Immature	N/A	Based on the acceptable regeneration agreed upon at the 2016 YOE Compartment Review, the regeneration of this stand was determined to be successful via a natural regeneration survey completed on 3/19/2024. This is stocked to a medium/well level in most areas. Major skid trails lack much regeneration but are showing signs of filling in with time. A few pockets have come back to cattail/swamp grass, but overall, the stand has regenerated well. This stand was harvested on 10/2/19 as part of Timber Sale Name: Ditch to Nowhere; Timber Sale No. 54-040-18.																																																									
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100	6112 - Lowland Aspen	Sapling Well	14.5	4	Immature	N/A	Based on the acceptable regeneration agreed upon at the 2016 YOE Compartment Review, the regeneration of this stand was determined to be successful via a natural regeneration survey completed on 3/21/2024. This stand was harvested on 10/2/19 as part of Timber Sale Name: Ditch to Nowhere; Timber Sale No. 54-040-18.																																																									
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101	6120 - Lowland Cedar	Sawtimber Well	2.0	115	141-170	N/A	The age of the dominant component of the canopy (Northern white cedar) was estimated due to rotten tree centers making aging difficult. Therefore, age was based off of adjacent stands.																																																									
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102	6128 - Lowland Coniferous, Mixed Deciduous	Sawtimber Well	1.4	115	141-170	N/A	The age of the dominant component of the canopy (Northern white cedar) was estimated due to rotten tree centers making aging difficult. Therefore, age was based off of adjacent stands.																																																									
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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103 429 - Mixed Upland Conifers Poletimber Medium 2.2 30 1-50 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Tamarack	40	Pole/Sapling	6	30	Tamarack	Low	Variable	Sapling
Balsam Poplar	40	Pole/Sapling	7		Balsam Poplar	Low	Variable	Sapling
White Spruce	5	Pole	8		Autumn Olive	Trace	5 - 10 feet	Tall Shrub
White Pine	15	Log/Pole	12		Tag Alder	Low	5 - 10 feet	Tall Shrub

104 6121 - Tamarack Sapling Medium 2.8 16 1-50 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Pine	5	Sapling	3		Tag Alder	Low	5 - 10 feet	Tall Shrub
White Spruce	5	Sapling	2					
Tamarack	90	Sapling/Pole	3	16				

105 3105 - Mixed Upland Herbaceous Nonstocked 1.9 Immature No Tamarack is filing in this opening quickly.

106 6120 - Lowland Cedar Poletimber Poor 36.4 115 1-50 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black Spruce	35	Pole	8		Tag Alder	Full	5 - 10 feet	Tall Shrub
Northern White Cedar	65	Pole/Log	8	115				

An edge call was made from the north. This stand is very wet, and the canopy trees are likely dying off as a result. This is a borderline non-forrested lowland shrub stand.

107 6124 - Lowland Spruce-Fir Sawtimber Medium 9.7 75 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Northern White Cedar	15	Log/Pole	10	125	Tag Alder	Medium	5 - 10 feet	Tall Shrub
Black Spruce	25	Log/Pole	10	75	White Spruce	Low	Variable	Sapling
Quaking Aspen	10	Log	14		Black Spruce	Low	Variable	Sapling
White Spruce	15	Log	15		Balsam Fir	Low	Variable	Sapling
Balsam Fir	20	Pole/Log	8					
Red Maple	10	Log	12					
Paper Birch	3	Pole	8					
Black Cherry	2	Pole/Log	8					

This stand was broken off from the stand to the northeast due to its differing composition. The western portion of this stand is harvestable but likely unreachable for the foreseeable future. There is higher ground to the west and low ground to the east.

108 6111 - Lowland Balsam Poplar Poletimber Poor 25.4 50 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Balsam Poplar	58	Pole/Sap/Log	8	50	Black Ash	Low	Variable	Sapling
Paper Birch	25	Pole/Log	8		Tag Alder	High	Variable	Tall Shrub
Black Cherry	5	Log/Pole	10		White Spruce	Trace	Variable	Sapling
Red Maple	2	Pole/Log	8					
Quaking Aspen	10	Log/Pole	10					

This stand has tag alder and swamp grass intermixed with slightly higher ground areas that have sparse trees. The large western portion of this stand (Stand 69) was removed due to high water levels and canopy tree die off.



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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109	6111 - Lowland Balsam Poplar	Poletimber Poor	5.2	50		N/A	A remote call was made on this stand using the data from the western portion of this stand after the central region of the stand experience canopy die off. This stand is too remote to harvest.
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Canopy Species	% Cover	Size Class	DBH	Age
Paper Birch	25	Pole/Log	8	
Balsam Poplar	58	Pole/Sap/Log	8	50
Quaking Aspen	10	Log/Pole	10	
Black Cherry	5	Log/Pole	10	
Red Maple	2	Pole/Log	8	

Sub-Canopy Species	Density	Avg. Height	Size
Black Ash	Low	Variable	Sapling
White Spruce	Trace	Variable	Sapling
Tag Alder	High	Variable	Tall Shrub

110	6112 - Lowland Aspen	Sawtimber Well	2.2	90	81-110	N/A	This is a somewhat diverse retained drainage area.
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Canopy Species	% Cover	Size Class	DBH	Age
White Oak	2	Pole	7	
White Spruce	5	Pole/Sapling	7	
Balsam Fir	5	Pole/Sapling	6	
Red Oak	2	XLog/Log	18	
Red Maple	5	Log/Pole	11	
Quaking Aspen	75	Log	15	90
Basswood	1	Log	15	
Sugar Maple	5	Log	14	

Sub-Canopy Species	Density	Avg. Height	Size
Black Ash	Medium	Variable	Sapling
Balsam Poplar	Low	Variable	Sapling
Ironwood	Low	Variable	Sapling

111	6111 - Lowland Balsam Poplar	Poletimber Poor	2.2	50		N/A	A remote call was made on this stand using the data from the western portion of this stand after the central region of the stand experience canopy die off. This stand is too remote to harvest.
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Canopy Species	% Cover	Size Class	DBH	Age
Quaking Aspen	10	Log/Pole	10	
Paper Birch	25	Pole/Log	8	
Black Cherry	5	Log/Pole	10	
Red Maple	2	Pole/Log	8	
Balsam Poplar	58	Pole/Sap/Log	8	50

Sub-Canopy Species	Density	Avg. Height	Size
Tag Alder	High	Variable	Tall Shrub
White Spruce	Trace	Variable	Sapling
Black Ash	Low	Variable	Sapling

112	4130 - Aspen	Sapling Well	6.1	7	Immature	N/A	This portion of the stand regenerated to aspen, and did not meet the agreed upon regeneration from the 2016 Compartment Review. The regeneration of this portion of the stand was accepted through the 2026 Compartment Review process. This stand was harvested on 11/2/17 as part of Timber Sale Name: Andor Junction Mix; Timber Sale No.: 54-016-16-01.
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Canopy Species	% Cover	Size Class	DBH	Age
Bigtooth Aspen	98	Sapling	1	7
Balsam Fir	1	Sapling	1	
Beech	1	Sapling	1	

Sub-Canopy Species	Density	Avg. Height	Size
Autumn Olive	Trace	5 - 10 feet	Tall Shrub



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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113 4130 - Aspen Sapling Poor 2.7 6 1-50 N/A

Canopy Species	% Cover	Size Class	DBH	Age
Beech	1	Sapling	1	
Red Oak	2	Sapling	1	
Bigtooth Aspen	87	Sapling	1	6
White Oak	1	Sapling	1	
White Pine	1	Sapling	1	
Balsam Fir	1	Sapling	1	
Red Oak	5	XLog/Log	19	
Ironwood	2	Sapling	1	

Sub-Canopy Species	Density	Avg. Height	Size
Witch Hazel	Low	5 - 10 feet	Tall Shrub
Blackberry/Raspberry	Medium	< 5 feet	Tall Shrub

This portion of the stand regenerated to aspen, and did not meet the agreed upon regeneration from the 2016 Compartment Review. The regeneration of this portion of the stand was accepted through the 2026 Compartment Review process.

This stand was harvested on 10/18/17 as part of Timber Sale Name: Andor Junction Mix; Timber Sale No.: 54-016-16-01. 1 to 3 oak were retained per acre.

Acceptable regeneration includes a medium to well stocked stand of red oak, white oak, sugar maple, and paper birch with lower amounts of red maple, aspen, balsam fir, and ironwood.