



Compartment Review Presentation

Atlanta Forest Management Unit

Compartment 54143

Entry Year 2023

Acreage: 1,679

County Presque Isle

Management Area: Cheboygan Basin Moraines

Revision Date: 2021-03-30

Stand Examiner: Ryan Zimmerman

Legal Description:

Located in North Allis Township
T35N R02E Sections: 1, 2, 3

Identified Planning Goals:

This is dominated by pine and lowland species. Soil tends to be either saturated with water or very sandy. Pine is the dominate species that grows best. There is also ATV trails that run through sections 2 and 3.

Soil and topography:

Sandy soils that go into lowland areas. Not much for topography. Fairly flat.

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

Sections 2 and 3 are all state owned. Section 11 to the south is all private. Section 1 has 200 acres owned by private land. These lands are mostly used for hunting with section 1.

Unique Natural Features:

The northeast of section 2 has some old natural white and red pine that have the tip and mound features.

Archeological, Historical, and Cultural Features:

N/A

Special Management Designations or Considerations:

N/A

Watershed and Fisheries Considerations:

Cold Creek runs through Section 3.

Wildlife Habitat Considerations:

Mineral Resource and Development Concerns and/or Restrictions

N/A

Vehicle Access:

Fairly good access within Sections 2 and 3. Section 1 is more limited due to how wet the section is.

Survey Needs:

Recreational Facilities and Opportunities:

Has part of Bumpers Roost trail running through it.

Fire Protection:

With all the pine there is fire potential here. No homes nearby.

Additional Compartment Information:

The following reports from the Inventory are attached:

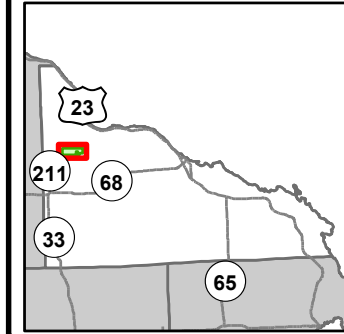
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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

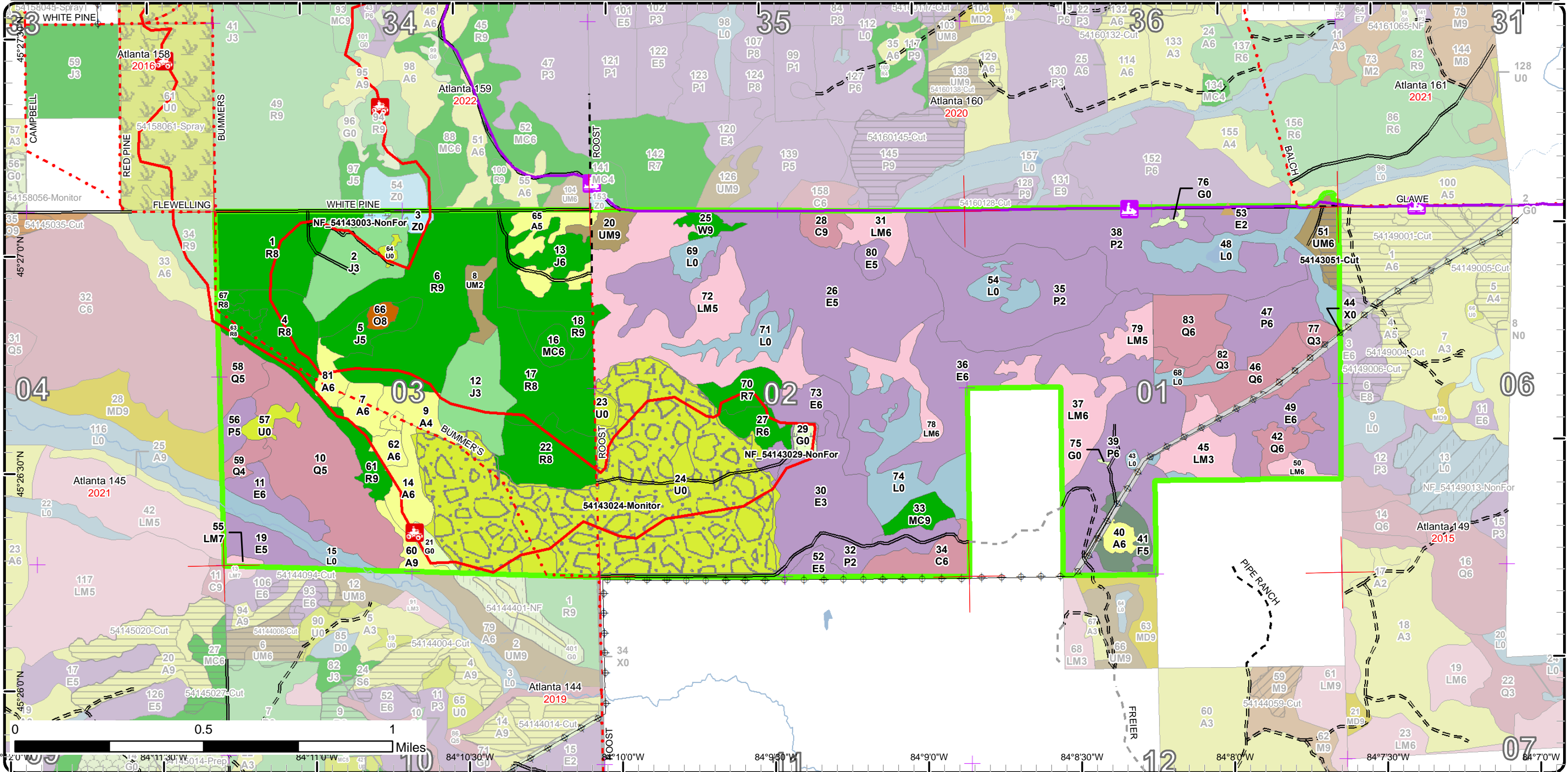
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

Cover Type & Treatments Map

Compartment: 143
 T35N, R02E, Sec. 1-3
 T36N, R02E, Sec. 36
 County: Presque Isle
 Unit: Atlanta
 Mgmt Area: Cheboygan Basin
 Moraines
 YOE: 2023
 Acres: 1678.7 GIS Calculated
 Examiner: Ryan Zimmerman
 Map Revised: 10/8/2021
 Map Phase: Post-Review



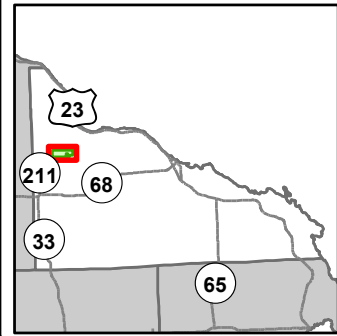
- Miris Corners
- + Remonumented Section Corners
- Counties
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State - Dirt / Gravel Road
- County - Gravel Road
- Private - Dirt / Gravel Road
- ORV Trails
- Snowmobile Trails
- Designated ATV
- Designated Snowmobile Trails
- ▲ Berms
- Drain
- Intermittent Stream
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Powerline
- Compartment Boundary
- Other Treatment - See Comments
- Clearcut (w/Reserves)
- Regeneration Survey
- 430 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 110 - Low Intensity Urban
- 310 - Herbaceous Openland
- 330 - Low Density Trees
- 500 - Water
- 622 - Lowland Shrub
- 412 - Oak Types
- 413 - Aspen
- 421 - Planted Pines
- 422 - Natural Pines
- 423 - Other Upland Conifers



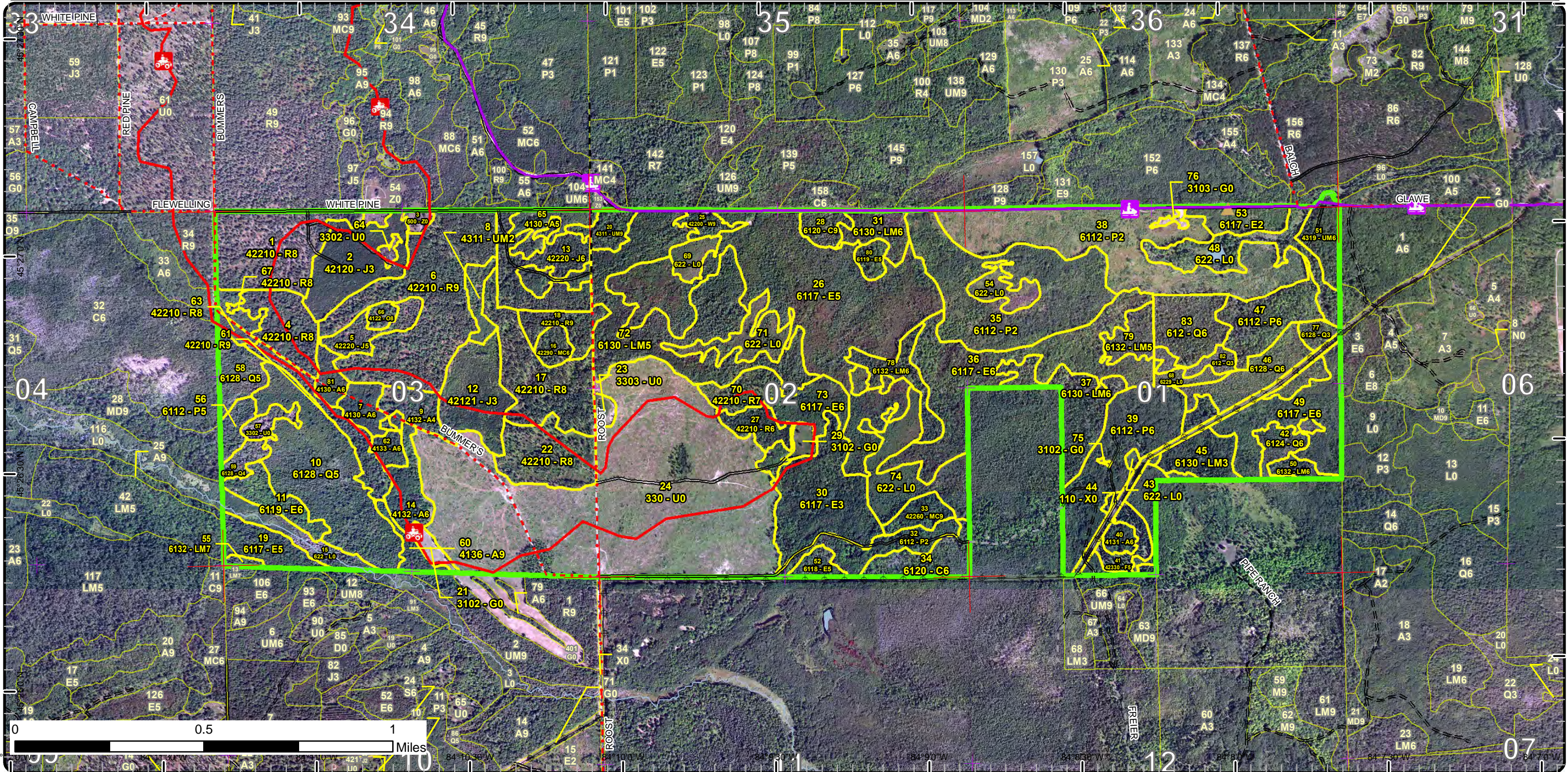
0 0.5 1 Miles

Stand Boundary Map

Compartment: 143
 T35N, R02E, Sec. 1-3
 T36N, R02E, Sec. 36
 County: Presque Isle
 Unit: Atlanta
 Mgmt Area: Cheboygan Basin
 Moraines
 YOE: 2023
 Acres: 1678.7 GIS Calculated
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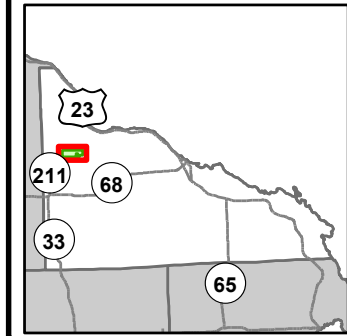


- Miris Corners
 - + Remonumented Section Corners
 - Counties
 - DNR - Secondary Forest Road
 - DNR - Forest Access Route
 - Federal / State - Dirt / Gravel Road
 - County - Gravel Road
 - Private - Dirt / Gravel Road
 - 🚙 ORV Trails
 - 🚙 Snowmobile Trails
 - Designated ATV
 - Designated Snowmobile Trails
 - ▲ Berms
 - Drain
 - Intermittent Stream
 - Lake/Pond
 - Perennial River
 - Lakes and Rivers
 - ⊕ Powerline
 - Compartment Boundary
 - Stand Boundaries
- 612 - Lowland Coniferous Forest
 - 613 - Lowland Mixed Forest
 - 110 - Low Intensity Urban
 - 310 - Herbaceous Openland
 - 330 - Low Density Trees
 - 500 - Water
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 - 412 - Oak Types
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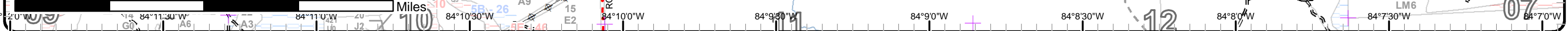
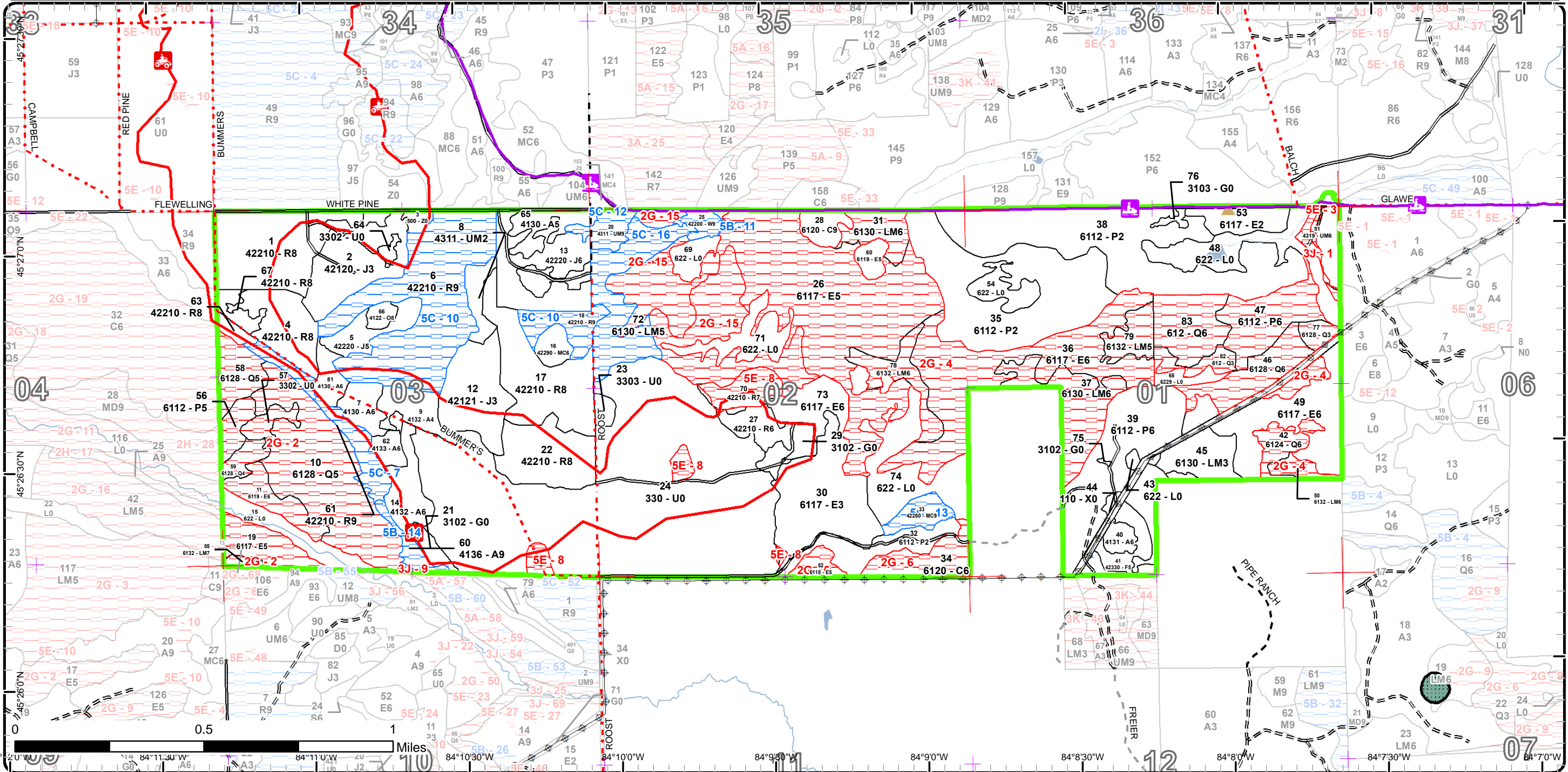


Special Conservation Areas

Compartment: 143
 T35N, R02E, Sec. 1-3
 T36N, R02E, Sec. 36
 County: Presque Isle
 Unit: Atlanta
 Mgmt Area: Cheboygan Basin
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- Designated Snowmobile Trails
- ▲ Berms
- Drain
- Intermittent Stream
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Powerline
- Compartment Boundary
- Available w/ Constraints
- Unavailable
- 3J: Water quality / BMPs (stream, river, or lake)
- 5E: Long-Term Retention
- Stand Boundaries
- SCA
- Cold Water Streams
- Vernal Pool
- 5B: Maintain for regeneration purposes
- 5C: Delay treatment for age/size class diversity or exceptional site quality
- 2G: Too wet (sensitive soils, does not include access issues)



Report 1 – Total Acres by Cover Type and Age Class

Atlanta Mgt. Unit

Compartment 143 Year of Entry 2023

Ryan Zimmerman : Examiner



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	27	15	4	0	0	5	0	0	0	0	0	0	0	0	50
Cedar	0	0	0	0	0	0	0	0	0	15	0	0	7	0	0	0	0	0	21
Herbaceous Openland	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
Jack Pine	0	0	0	54	10	27	0	0	0	0	0	0	0	0	0	0	0	0	91
Low-Density Trees	235	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	235
Lowland Aspen/Balsam Poplar	0	16	78	67	52	6	0	22	0	0	0	0	0	0	0	0	0	0	241
Lowland Conifers	0	0	0	0	0	0	22	38	0	0	5	12	60	0	0	0	0	0	137
Lowland Deciduous	0	0	11	0	57	94	152	0	0	5	4	0	0	0	0	0	0	0	323
Lowland Mixed Forest	0	0	0	17	0	0	12	0	0	35	79	6	0	0	0	0	0	0	149
Lowland Shrub	101	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	101
Natural Mixed Pines	0	0	0	0	0	5	0	0	7	0	0	0	0	0	0	0	0	0	12
Oak	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	3
Red Pine	0	0	0	0	9	0	0	0	11	150	72	0	0	0	0	0	0	0	240
Upland Mixed Forest	0	0	0	0	7	0	0	0	0	0	18	0	0	0	0	0	0	0	24
Upland Spruce/Fir	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	9
Urban	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
Water	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
White Pine	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	5
Total	360	16	89	138	171	147	190	60	18	213	183	18	67	0	0	0	0	0	1664



Report 2 – Treatment Summary

Atlanta Mgt. Unit
Year of Entry: 2023

Acres of Harvest

Compartment 143
Total Compartment Acres: 1,679

Commercial Harvest - 138
Harvests with Site Condition - 0
Next Step Harvest - 0
Habitat Cut - 0

Cover Type by Harvest Method

	Clearcut	Selection	Patch Clearcut	Seed Tree	Shelterwood	Thinning	Overstory Removal	Salvage	Other	Total Acres
Aspen	8	0	0	0	0	0	0	0	0	8
Red Pine	123	0	0	0	0	0	0	0	0	123
Upland Mixed Forest	7	0	0	0	0	0	0	0	0	7
Total	138	0	0	0	0	0	0	0	0	138

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Pruning	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	138	0	0	0	0	208	0	9		354
Next Step	0	246	123	0	0	123	468	0	0	959
Total	138	246	123	0	0	123	676	0	9	1314



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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	54143001-Cut	62.3	42210 - Natural Red Pine	Sawtimber Medium	85	51-80	Harvest	Clearcut with Retention	4211 - Planted Red Pine	Even-Aged	No
<p><u>Prescription</u> Clearcut with retention. Replant to red pine. <u>Specs:</u> Include ATV trail protection specs. <u>Next Step</u> SitePrep, Roller Chopping; SitePrep, Trenching; Pesticide, Aerial - Site Prep; Planting, Initial Plant; Monitoring, Artificial Regen(1yr); <u>Treatments:</u> Monitoring, Artificial Regen(3yr) <u>Acceptable</u> Fully stocked red pine. <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition</u> <u>Proposed Start Date:</u> 10/1 /2022</p>											
7	54143007-Cut	8.0	4130 - Aspen	Poletimber Well	45	51-80	Harvest	Clearcut	413 - Aspen	Even-Aged	No
<p><u>Prescription</u> Clearcut and add grouse spec as well to sale. Make sure to protect trail on the west side of stand. Include trail atv trail spec. <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Moderate to well stocked with any mix of aspen red maple or pine. <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition</u> <u>Proposed Start Date:</u> 10/1 /2022</p>											
17	54143017-Cut	60.5	42210 - Natural Red Pine	Sawtimber Medium	98	81-110	Harvest	Clearcut with Retention	4211 - Planted Red Pine	Even-Aged	No
<p><u>Prescription</u> Clearcut with retention and replant red pine. Include ATV trail protection specs. <u>Specs:</u> <u>Next Step</u> SitePrep, Roller Chopping; SitePrep, Trenching; Pesticide, Aerial - Site Prep; Planting, Initial Plant; Monitoring, Artificial Regen(1yr); <u>Treatments:</u> Monitoring, Artificial Regen(3yr) <u>Acceptable</u> Fully stocked red pine <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition</u> <u>Proposed Start Date:</u> 10/1 /2022</p>											
21	54143021-NF	3.9	3102 - Grass	Nonstocked			Unspec NonForestMgt	Mowing	3102 - Grass		No
<p><u>Prescription</u> Maintain as opening through mowing and/or planting to food and cover crops for wildlife <u>Specs:</u> <u>Next Step</u> <u>Treatments:</u> <u>Acceptable</u> <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition</u> <u>Proposed Start Date:</u> 10/1 /2022</p>											



S t a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
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Approved Treatments:

24	54143024-Monitor	207.6	330 - Low-Density Trees	Nonstocked	0	Unspecified	Monitoring	Artificial Regen(1yr)	42110 - Planted Red Pine	Even-Aged	No
<p><u>Prescription</u></p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Artificial Regen(3yr)</p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u> -acceptable regeneration is fully stocked rp with minor associates of oak, beech, aspen, and rm.</p> <p><u>Other Comment:</u> Percent to Treat = 100%</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2020</p>											
51	54143051-Cut	6.7	4319 - Mixed Upland Forest	Poletimber Well	90	51-80	Harvest	Clearcut with Retention	4134 - Aspen, Spruce/Fir	Even-Aged	No
<p><u>Prescription</u> Cut all species. Leave retention as a pocket.</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 regen can be of mixed conifer and aspen.</p> <p><u>Other Comment:</u> Acceptable regen can be of mixed conifer and aspen.</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2014</p>											
3	NF_54143003-NonFor	1.6	500 - Water	Nonstocked		Unspecified	NonForestMgt	Other - Specify	3102 - Grass		No
<p><u>Prescription</u> Maintain as opening through mowing and/or planting to food and cover crops for wildlife</p> <p><u>Specs:</u></p> <p><u>Next Step</u></p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u></p> <p><u>Other Comment:</u> Old next step comments: Monitor for cover type and perform opening maintenance on 5-10 year rotation or shorter</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 12/30/1899</p>											
29	NF_54143029-NonFor	3.8	3102 - Grass	Nonstocked		Unspecified	NonForestMgt	Other - Specify	3102 - Grass		No
<p><u>Prescription</u> Maintain as opening through mowing and/or planting to food and cover crops for wildlife</p> <p><u>Specs:</u></p> <p><u>Next Step</u></p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u></p> <p><u>Other Comment:</u> Old next step comments: Monitor for cover type and perform opening maintenance on 5-10 year rotation or shorter</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2022</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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Total Treatment Acreage Proposed: **354.4**

Report 4 – Site Conditions

Atlanta Mgt. Unit

Ryan Zimmerman : Examiner

Compartment: 143

Year of Entry: 2023

Availability for Management

Total Acres	Acres Available	Acres Avail		Dominant Site Conditions	Dominant Site Conditions						
		With Condition	Not Available		5B	5C	2G	3J	5E	ed	
66	61	5	0	Aspen	5			0			
21	6	0	15	Cedar			15				
9	9	0	0	Herbaceous Openland							
91	91	0	0	Jack Pine							
235	224	0	11	Low-Density Trees			5		6		
240	212	0	28	Lowland Aspen/Balsam Poplar			28				
136	0	0	136	Lowland Conifers			136				
323	104	0	219	Lowland Deciduous			219		1		
148	17	29	103	Lowland Mixed Forest		29	103				0
101	100	0	1	Lowland Shrub				1			
12	5	7	0	Natural Mixed Pines		7					
3	3	0	0	Oak							
240	135	95	10	Red Pine		95			10		
25	14	7	3	Upland Mixed Forest		7		2	1		
9	9	0	0	Upland Spruce/Fir							
10	10	0	0	Urban							
4	4	0	0	Water							
5	0	5	0	White Pine	5						
1,679	1,005	148	525	Total Forested Acres	10	138	505	3	17		0
	60%	9%	31%	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	3J: Water quality / BMPs (stream, river, or lake)	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
-100-200ft to creek							

Report 4 – Site Conditions

Atlanta Mgt. Unit

Ryan Zimmerman : Examiner

Compartment: 143

Year of Entry: 2023

2	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	114	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
3	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments: -area retention for stand 51							
4	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	331	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
5	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
6	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	15	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
7	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	14	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Atlanta Mgt. Unit
Ryan Zimmerman : Examiner

Compartment: 143
Year of Entry: 2023

8	Unavailable	5E: Long-Term Retention	17	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
9	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	0	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
10	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	81	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
11	Available	5B: Maintain for regeneration purposes	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
12	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
13	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Atlanta Mgt. Unit
Ryan Zimmerman : Examiner

Compartment: 143
Year of Entry: 2023

14	Available	5B: Maintain for regeneration purposes	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments: White pine coming into understory.							
15	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	41	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
16	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	29	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
17	Unspecified	Unspecified	0				
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	42210 - Natural Red Pine	Sawtimber Medium	38.5	85	51-80	N/A	Recent harvest, trees left have a lot of doubles and crook. At least half of the trees are doubles. Has a pretty thick understory.																																									
<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 Pine</td> <td>100</td> <td>Log</td> <td>12</td> <td>85</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Pine	100	Log	12	85	<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>Red Oak</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Balsam Fir</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Black Cherry</td> <td>Trace</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Red Maple</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Bigtooth Aspen</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Oak	Low	Variable	Sapling	Balsam Fir	Low	Variable	Sapling	Black Cherry	Trace	Variable	Sapling	Red Maple	Medium	Variable	Sapling	Bigtooth Aspen	Low	Variable	Sapling											
Canopy Species	% Cover	Size Class	DBH	Age																																												
Red Pine	100	Log	12	85																																												
Sub-Canopy Species	Density	Avg. Height	Size																																													
Red Oak	Low	Variable	Sapling																																													
Balsam Fir	Low	Variable	Sapling																																													
Black Cherry	Trace	Variable	Sapling																																													
Red Maple	Medium	Variable	Sapling																																													
Bigtooth Aspen	Low	Variable	Sapling																																													
2	42120 - Planted Jack Pine	Sapling Well	28.2	27	Immature	N/A	Jack pine seems to be growing very slow.																																									
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3	500 - Water	Nonstocked	4.0		Unspecified	No	This is a flooded area with standing water. Water table has gone up significantly.																																									
4	42210 - Natural Red Pine	Sawtimber Medium	19.2	85	51-80	N/A	Low density red pine with aspen red maple understory.																																									
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6	42210 - Natural Red Pine	Sawtimber Well	70.7	89	111-140	N/A	Thinned 2005. Southern half has more of the oak, maple, aspen. Also slightly lower density there as well.																																									
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7	4130 - Aspen	Poletimber Well	8.0	45	51-80	N/A	Stand is just converting into pole size.																																									
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8	4311 - Pine, Aspen Mix	Sapling Medium	6.5	30	Immature	N/A	South part has all the aspen and north part is low density pine mostly.																																									
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9	4132 - Aspen, Jack Pine	Poletimber Poor	10.4	35	1-50	N/A	Very low density stand.																																									
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10	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Medium	59.5	115	1-50	N/A	Pockets of blow down throughout stand. Lots of thick balsam fir regen in pockets. Not much for canopy trees. Lots of lowland pockets throughout that have no growth besides tag alder. Very low quality and would not regenerate very well. Large aspen is falling out.																																									
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11	6119 - Mixed Lowland Deciduous Forest	Poletimber Well	11.4	57	81-110	N/A	Blocked from the north by steep drop-off, and to the south by Cold Creek.																																									
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12	42121 - Planted Jack Pine, Mixed Deciduous	Sapling Well	26.0	24	Immature	N/A	Aspen pockets to the west and south mostly.																																									
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14	4132 - Aspen, Jack Pine	Poletimber Well	12.5	37	1-50	N/A	Just converting into pole size trees. Some areas of lower density. Close to the 75% canopy cover.																																			
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15	622 - Lowland Shrub	Nonstocked	12.7		Unspecified	No	drainage/stream that doesn't have many trees growing in it. Mostly tag alder.																																			
16	42290 - Natural Mixed Pine	Poletimber Well	5.2	40	1-50	N/A	Just converting into pole size trees. Small pocket that is different from surrounding red pine stands.																																			
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17	42210 - Natural Red Pine	Sawtimber Medium	35.9	98	81-110	N/A	This is a fairly low density stand. Between 70-75% canopy cover. Red maple dominated understory.																																			
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18	42210 - Natural Red Pine	Sawtimber Well	10.5	99	111-140	N/A	New stand added.																																			
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19	6117 - Lowland Deciduous, Mixed Coniferous	Poletimber Medium	13.5	51	51-80	N/A	Very wet with an upland ridge by stand 15.																																									
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20	4311 - Pine, Aspen Mix	Sawtimber Well	7.4	98	111-140	N/A	This is kind of cool stand that has some pit and mound features. Transitions into a lowland area to the SE.																																									
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21	3102 - Grass	Nonstocked	3.9		Unspecified	No	Maintained opening																																									
22	42210 - Natural Red Pine	Sawtimber Medium	24.9	98	1-50	N/A	Stand harvested as RPP.																																									
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23	3303 - Mixed Low Density Trees	Nonstocked	2.6		Unspecified	No	Old landing site.																																									
24	330 - Low-Density Trees	Nonstocked	226.0	0	Unspecified	4211 - Planted Red Pine	This stand is being scheduled for red pine planting. FTP C54-1090 Roller Chopped on 7/19/17 Herbicide application on 8/7/2018 Initial Plant on 5/16/19 Year 1 survey complete 10/7/19. 566 TPA red pine. Little to no competition. Stand will need a replant. Replanted to 885 TPA linear or 1082 plot TPA (added 501 TPA) on 5/12/2020. Replanted on 4/28/21 with on average of 296 TPA to have an overall TPA of 1005.																																									
25	42200 - Natural White Pine	Sawtimber Well	4.8	99	111-140	N/A	Cool upland pocket of large white pine.																																									
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26	6117 - Lowland Deciduous, Mixed Coniferous	Poletimber Medium	127.5	54	1-50	N/A	This is a very low stand with poor quality. Many pockets of tag alder. Mixed stand that has no large trees still living.																																												
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27	42210 - Natural Red Pine	Poletimber Well	8.5	36	1-50	N/A	Just converting into pole size trees. The east part has smaller trees.																																												
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28	6120 - Lowland Cedar	Sawtimber Well	6.5	115	111-140	N/A																																													
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29	3102 - Grass	Nonstocked	3.4		Unspecified	No																																													
30	6117 - Lowland Deciduous, Mixed Coniferous	Sapling Well	39.9	35	81-110	N/A	Stocking is variable in spots due to wetness of area. Mostly smaller sized trees with some larger ones along the edges. About to convert into pole size.																																												
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31	6130 - Fir, Aspen, Maple	Poletimber Well	10.6	89	51-80	N/A	Very wet. Spruce is mostly on the east side of the stand. Low quality stand.																																												
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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32	6112 - Lowland Aspen	Sapling Medium	15.5	4	Immature	N/A	Harvested 8/2017
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Canopy Species	% Cover	Size Class	DBH	Age
Bigtooth Aspen	60	Sapling	1	4
Red Maple	30	Sapling	1	
Balsam Fir	10	Sapling	1	

33	42260 - Natural Pine, Mixed Deciduous	Sawtimber Well	7.2	78	111-140	N/A	Forgot to get an age on this stand. Mixed pine stand. Aspen in overstory has started to die out. Some pockets are very wet.
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Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	20	Pole	6	
Paper Birch	5	Pole	6	
Quaking Aspen	10	Pole	7	
White Pine	25	Log	10	
Red Pine	40	Log	12	78

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	Medium	Variable	Sapling
White Pine	Low	Variable	Sapling
Hemlock	Low	Variable	Sapling

34	6120 - Lowland Cedar	Poletimber Well	14.6	89	51-80	N/A	blowdown present in the northeast and west ends mostly. The SE corner is basically flooded with no trees over 4 inch DBH. This area is very wet.
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Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	10	Pole	6	
Yellow Birch	1	Pole	6	
Paper Birch	5	Pole	6	
Black Spruce	10	Pole/Log	8	
Northern White Cedar	60	Pole	6	89
Bigtooth Aspen	10	Pole	6	
Balsam Fir	4	Pole	6	

Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	Low	Variable	Sapling
Yellow Birch	Trace	Variable	Sapling
Balsam Fir	Low	Variable	Sapling
Tag Alder	Medium	5 - 10 feet	Tall Shrub
Black Spruce	Low	Variable	Sapling

35	6112 - Lowland Aspen	Sapling Medium	66.8	25	Immature	N/A	Pockets where nothing came in besides cattails. Lower stocking level. Low quality.
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Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	15	Sapling	3	
Quaking Aspen	60	Sapling	3	25
Balsam Fir	20	Sapling	3	
Northern White Cedar	5	Sapling	3	

Sub-Canopy Species	Density	Avg. Height	Size
Tag Alder	High	5 - 10 feet	Tall Shrub

36	6117 - Lowland Deciduous, Mixed Coniferous	Poletimber Well	61.7	47	1-50	N/A	Very wet. Some areas are very low density due to being so wet.
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Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	40	Pole	5	47
Paper Birch	10	Pole	5	
Balsam Fir	15	Pole	5	
Northern White Cedar	5	Pole	8	
Quaking Aspen	30	Pole	6	

Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	Medium	Variable	Sapling
Tag Alder	High	5 - 10 feet	Tall Shrub



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																		
37	6130 - Fir, Aspen, Maple	Poletimber Well	24.1	86	51-80	N/A	Forgot to get age on stand. West 1/2 is very wet.																																																		
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38	6112 - Lowland Aspen	Sapling Medium	77.7	10	Immature	N/A	-sale closed 8/27/2012-stand cut in 2010-2012-could not update treatment boundary due to no treatment created during inventory -54-027-08-01Moderate stocking level. Very wet area in spots. Skid trails and haul roads had some cattails growing in them. Regeneration was kind of spotty.																																																		
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39	6112 - Lowland Aspen	Poletimber Well	51.8	35	1-50	N/A	Stand has a couple pockets that had no regrowth. Just converting into pole size.																																																		
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40	4131 - Aspen, Oak	Poletimber Well	3.9	35	1-50	N/A																																																			
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41	42330 - Upland Fir	Poletimber Medium	9.3	35	1-50	N/A	This is a very unique stand.																																																		
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42	6124 - Lowland Spruce-Fir	Poletimber Well	8.5	68	51-80	N/A	Southern and northern parts are lower density with smaller trees.																																																		
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																						
43	622 - Lowland Shrub	Nonstocked	2.3	0	Unspecified	No	Lowland pockets with tag alder.																																						
44	110 - Low Intensity Urban	Nonstocked	10.5		Unspecified	No	Powerline																																						
45	6130 - Fir, Aspen, Maple	Sapling Well	16.6	23	Unspecified	N/A	Very wet. The northern part north of the powerline is larger trees. Maybe was a retention pocket.																																						
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46	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Well	22.0	55	1-50	N/A	Very wet to the south and low quality non merchantable timber.																																						
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47	6112 - Lowland Aspen	Poletimber Well	22.2	61	51-80	N/A	Very wet. Ground looks to be saturated most of the year. Flowing water in some areas that spiderweb around. Overstory is falling out because it is so wet.																																						
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48	622 - Lowland Shrub	Nonstocked	23.0		Unspecified	No	Drainage area																																						
49	6117 - Lowland Deciduous, Mixed Coniferous	Poletimber Well	32.3	43	1-50	N/A	Very wet. The western area has more of the fir. This is low quality and unproductive soils.																																						
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50	6132 - Mixed Lowland Forest with Cedar	Poletimber Well	4.1	109	51-80	N/A	Very low quality stand.																																									
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51	4319 - Mixed Upland Forest	Poletimber Well	11.0	90	51-80	N/A	-changed to stage 1 to upland for treatment cover type objective coding error-stand appeared to be mostly upland during prep work																																									
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52	6118 - Lowland Deciduous with Cedar	Poletimber Medium	4.9	87	1-50	N/A	This stand is not able to be harvested. Was included with stand 32 in a sale, but the logger was able to sink an 8 foot long pole in the ground with ease during the early winter. Very wet with overstory trees starting to die out.																																									
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53	6117 - Lowland Deciduous, Mixed Coniferous	Sapling Medium	10.8	11	Immature	N/A	-sale closed 8/27/2012 -stand cut in 2010-2012 -could not update treatment boundary due to no treatment created during inventory -54-027-08-01 This has variable stocking levels throughout. Southern area and middle area has lowest stocking. Right around 60% canopy cover.																																									
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54	622 - Lowland Shrub	Nonstocked	8.3	0	Unspecified	No	This was cut back in 1996 and was a lowland pocket that never grew back. Had some cattails grow in.																																									
55	6132 - Mixed Lowland Forest with Cedar	Sawtimber Poor	1.6	102	1-50	N/A	Very wet. Aspen starting to fall out. Low canopy cover due poor quality growing conditions. Understory starting to come up.																																									
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																															
56	6112 - Lowland Aspen	Poletimber Medium	6.1	49	51-80	N/A	Gets really wet in the northern part of the stand as has a lot less canopy.																																															
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57	3302 - Low Density Conifer Trees	Nonstocked	4.7	0	Unspecified	No	This is a large blow down pocket. Has some balsam fir growing in now.																																															
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58	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Medium	11.7	103	1-50	N/A	Pockets of blow down throughout stand. Lots of thick balsam fir regen in pockets. Poor quality trees. Very wet.																																															
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59	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Poor	4.9	95	1-50	N/A	Very low quality due to being wet. A large amount of blow down as well. Low stocking.																																															
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60	4136 - Aspen, Mixed Conifer	Sawtimber Well	5.4	84	111-140	N/A	Upland pocket that transitions into lowland. More pine to the north and to the west.																																															
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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61	42210 - Natural Red Pine	Sawtimber Well	13.9	85	81-110	N/A	Transition zone from upland to lowland.
Canopy Species	% Cover	Size Class	DBH	Age			
Red Oak	5	Log	14				
Red Pine	80	Log	13	85			
Red Maple	5	Pole	8				
Northern White Cedar	3	Pole	9				
Balsam Fir	2	Pole	6				
Bigtooth Aspen	5	Log	10				
Sub-Canopy Species	Density	Avg. Height	Size				
Red Oak	Low	Variable	Sapling				
Bigtooth Aspen	Low	Variable	Sapling				
Balsam Fir	Medium	Variable	Sapling				
Red Pine	Low	< 5 feet	Sapling				
Jack Pine	Low	Variable	Sapling				

62	4133 - Aspen, Mixed Pine	Poletimber Well	4.3	50	51-80	N/A	Very similar to stand 7, but it just has more pine in it.
Canopy Species	% Cover	Size Class	DBH	Age			
Red Oak	10	Log	14				
Bigtooth Aspen	70	Pole	6	50			
Red Pine	20	Log	12				
Sub-Canopy Species	Density	Avg. Height	Size				
Balsam Fir	Low	Variable	Sapling				
White Pine	Low	Variable	Sapling				

63	42210 - Natural Red Pine	Sawtimber Medium	2.6	85	51-80	N/A	Same as stand 67. It is a narrow area where it would be better left alone than to harvest and replant.
Canopy Species	% Cover	Size Class	DBH	Age			
Red Oak	5	Log	14				
Red Pine	95	Log	13	85			
Sub-Canopy Species	Density	Avg. Height	Size				
Red Oak	Low	Variable	Sapling				
Bigtooth Aspen	High	Variable	Sapling				
Balsam Fir	Low	Variable	Sapling				
Red Pine	Low	Variable	Sapling				
Jack Pine	Low	Variable	Sapling				

64	3302 - Low Density Conifer Trees	Nonstocked	1.5	0	Unspecified	No	Failed area in a jack pine plantation area.
Sub-Canopy Species	Density	Avg. Height	Size				
Jack Pine	Low	10 - 20 feet	Sapling				

65	4130 - Aspen	Poletimber Medium	14.9	43	1-50	N/A	Pockets with nothing growing. Bringing canopy cover down to 70%.
Canopy Species	% Cover	Size Class	DBH	Age			
Quaking Aspen	70	Pole	6	43			
Red Pine	5	Log	11				
Jack Pine	10	Pole	6				
Red Maple	12	Pole	5				
Red Oak	3	Pole	5				
Sub-Canopy Species	Density	Avg. Height	Size				
Black Cherry	Low	Variable	Sapling				
Witch Hazel	Low	Variable	Tall Shrub				

66	4122 - Oak, Pine	Sawtimber Medium	3.0	87	1-50	N/A	Looks like it was a retention pocket from when it was harvested.
Canopy Species	% Cover	Size Class	DBH	Age			
Red Oak	60	Log	12	87			
Bigtooth Aspen	10	Log	10				
Red Pine	30	Log	12				
Sub-Canopy Species	Density	Avg. Height	Size				
Red Oak	Low	Variable	Seeding				
Black Cherry	Low	Variable	Sapling				
Red Maple	Low	Variable	Sapling				



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																												
67	42210 - Natural Red Pine	Sawtimber Medium	4.6	85	51-80	N/A	Low density red pine with aspen red maple understory. Treat with stand 4 in order to make planting easier.																																																												
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68	6229 - Mixed lowland shrub	Nonstocked	4.2		Unspecified	No																																																													
69	622 - Lowland Shrub	Nonstocked	6.0	0	Unspecified	No	Large lowland pocket that has stunted red maple, BAM, and fir. Also has tag alder growing. Dead ash present as well.																																																												
70	42210 - Natural Red Pine	Sawtimber Poor	10.7	78	1-50	N/A	Long term retention pocket from stand 24.																																																												
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71	622 - Lowland Shrub	Nonstocked	13.7	0	Unspecified	No	Lowland sparse trees and mostly tag alder. Red maple, aspen, cedar, fir, spruce.																																																												
72	6130 - Fir, Aspen, Maple	Poletimber Medium	69.9	90	Unspecified	N/A	Forgot to get an age.																																																												
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73	6117 - Lowland Deciduous, Mixed Coniferous	Poletimber Well	16.8	35	1-50	N/A	This stand is just starting to convert into a pole size.																																																												
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74	622 - Lowland Shrub	Nonstocked	30.7	0	Unspecified	No	Lowland tag alder pocket.																																																												



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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75 3102 - Grass Nonstocked 0.2 0 Unspecified No Old landing location.

76 3103 - Rubus-Fern Nonstocked 1.4 0 Unspecified No Looks like the old landing location for the sale in stand 38.

77 6128 - Lowland Coniferous, Mixed Sapling Well 3.8 60 Unspecified N/A Very wet.
Deciduous

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	35	Sapling/Pole	4	
Balsam Fir	45	Sapling	3	60
Northern White Cedar	20	Pole/Sap/Log	6	

78 6132 - Mixed Lowland Forest with Cedar Poletimber Well 12.3 50 Unspecified N/A Very wet. Not productive soils.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	15	Pole/Sapling	5		Red Maple	Medium	Variable	Sapling
Paper Birch	15	Pole/Sapling	5		Tag Alder	Medium	5 - 10 feet	Tall Shrub
Balsam Fir	35	Pole/Sapling	5	50				
Northern White Cedar	20	Pole	8					
Balsam Poplar	15	Pole/Sapling	5					

79 6132 - Mixed Lowland Forest with Cedar Poletimber Medium 8.9 98 1-50 N/A Very wet and small trees. Being generous saying pole size.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	30	Pole	5		Red Maple	Medium	Variable	Sapling
Balsam Fir	20	Pole	5		Tag Alder	High	5 - 10 feet	Tall Shrub
Northern White Cedar	35	Pole	6	98	Balsam Poplar	Low	Variable	Sapling
Balsam Poplar	15	Pole	5					

80 6119 - Mixed Lowland Deciduous Forest Poletimber Medium 4.3 90 51-80 N/A A somewhat upland pocket of red maple mostly.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	50	Pole	8	90	Red Maple	Medium	Variable	Sapling
Quaking Aspen	25	Pole	8					
Balsam Fir	10	Pole/Sapling	5					
Northern White Cedar	5	Pole	8					
Paper Birch	10	Pole	8					

81 4130 - Aspen Poletimber Well 6.9 40 1-50 N/A Just converted into pole size. Slightly smaller and younger than stand to the south.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Oak	5	Pole	5		Balsam Fir	Trace	Variable	Sapling
Bigtooth Aspen	95	Pole	5	40	White Pine	Low	Variable	Sapling



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
82	612 - Lowland Coniferous Forest	Sapling Well	5.8	65	1-50	N/A	-acquired this area in 6/2021 via land exchange
83	612 - Lowland Coniferous Forest	Poletimber Well	19.5	65	51-80	N/A	-acquired this area in 6/2021 via land exchange