



# Compartment Review Presentation

Atlanta Forest Management Unit

Compartment 54035

Entry Year 2023

Acreage: 1,866

County Montmorency

Management Area: Rattlesnake Hills

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**Revision Date:** 2021-06-03

**Stand Examiner:** Richard Barber

**Legal Description:**

T31N, R1E, Sections 21, 28 and 33.

**Identified Planning Goals:**

Timber production, and successful regeneration of desirable species. Protection of landforms from ORV misuse.

**Soil and topography:**

The topography of the compartment is rolling to steep hills in the Northern and Southern portions of the compartment. The center portion is level low ground dominated by cedar swamp. The dominate cover types for the upland part of the compartment are hardwoods with oak and aspen. The East Branch of the Black River flows through the center of compartment.

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

The compartment boundary is state land throughout except on 40 acre of private. The compartment has a lot of antrim gas production development and use.

**Unique Natural Features:**

Some species may be present in and around the compartment.

**Archeological, Historical, and Cultural Features:**

None are known at this time.

**Special Management Designations or Considerations:**

A portion of the Green Swamp ERA is found in this compartment.

**Watershed and Fisheries Considerations:**

The East Branch of the Black River is a cold water stream.

**Wildlife Habitat Considerations:**

**Mineral Resource and Development Concerns and/or Restrictions**

The nearest active sand/gravel pit is located three miles to the southeast, and there appears to be sand & gravel potential in the compartment, but it could be difficult to avoid oil & gas infrastructure. This area has been developed for and is producing gas from the Antrim Shale. All State-owned mineral rights are currently leased and held by production. Due to the persistent low price of natural gas, there is unlikely to be any additional Antrim development in the compartment in the near future. There has been some past oil production from Guelph Formation reefs just over one mile to the southwest and the Central Charlton gas storage field is just beyond that. While there may be some potential for additional reefs beneath the compartment, the compartment is generally south of the main reef trend. No Guelph test wells have been drilled within the compartment, suggesting that no reefs have identified from existing seismic data. There is no known metallic mineral potential in this part of the state. 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:**

This compartment is accessed from 3 main roads: Camp 8 Rd, Huff Rd and Co Rd 622. There are several two tracks for traversing the area.

**Survey Needs:**

None needed at this time.

**Recreational Facilities and Opportunities:**

There are many opportunities for mushroom picking, hunting, fishing and wildlife viewing in the area.

**Fire Protection:**

This compartment is located in the protection area of the Atlanta DNR and the Vienna Township VFD.

**Additional Compartment Information:**

**The following reports from the Inventory are attached:**

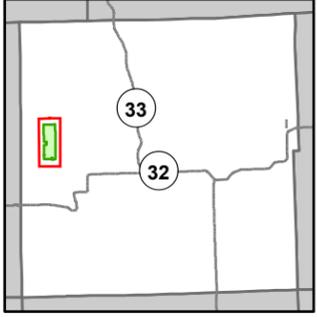
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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

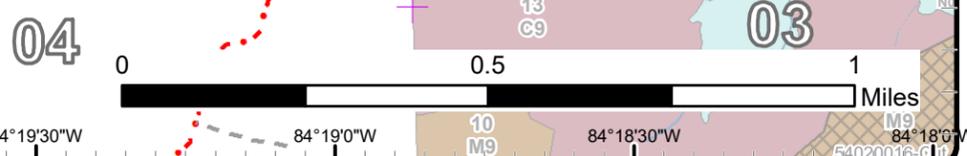
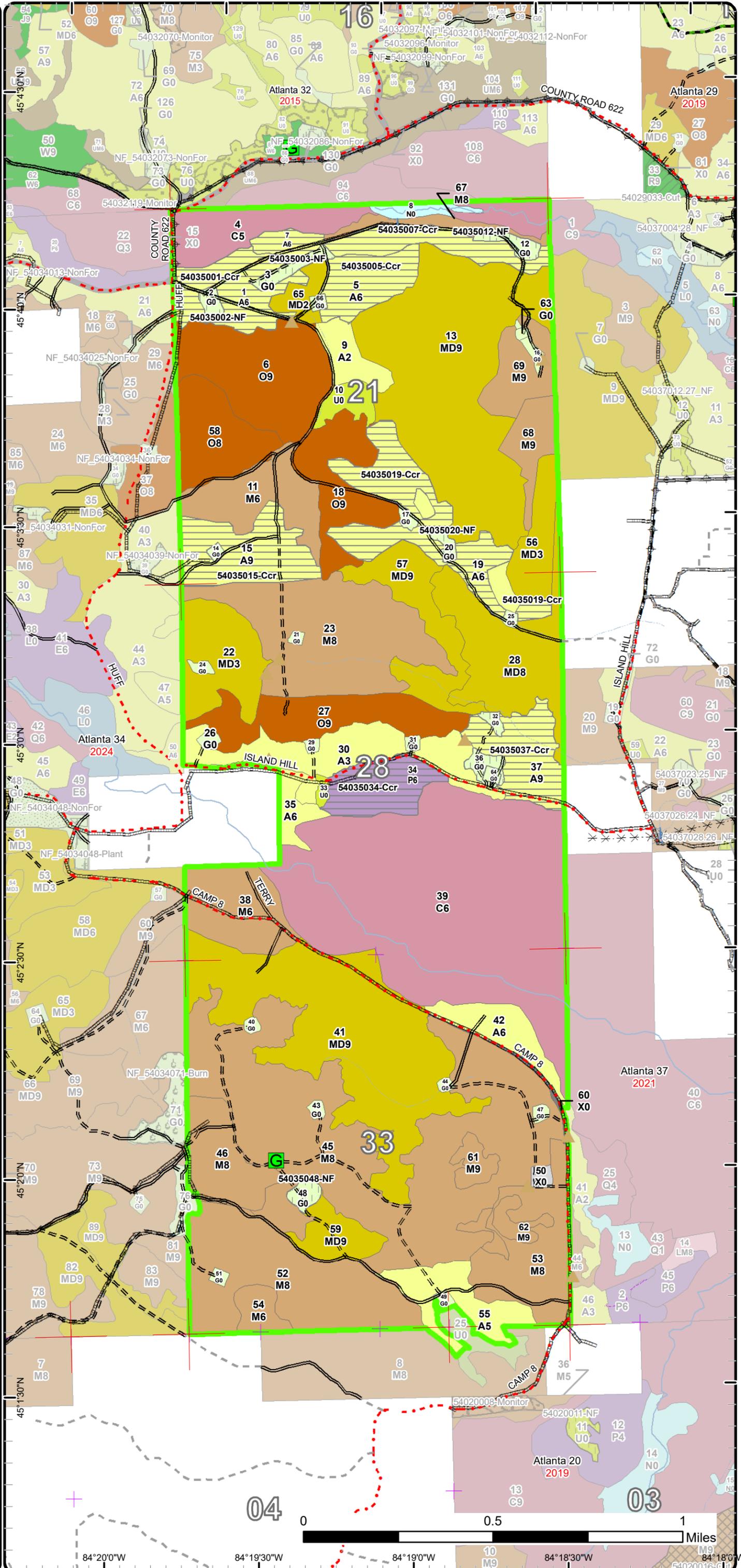
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

# Cover Type & Treatments Map

Compartment: 35  
 T31N, R01E, Sec. 21, 28, 33  
 T30N, R01E, Sec. 3, 4  
 County: Montmorency  
 Unit: Atlanta  
 Mgmt Area: Rattlesnake Hills  
 YOE: 2023  
 Acres: 1865.7 GIS Calculated  
 Examiner: Richard Barber  
 Map Revised: 10/7/2021  
 Map Phase: Post-Review

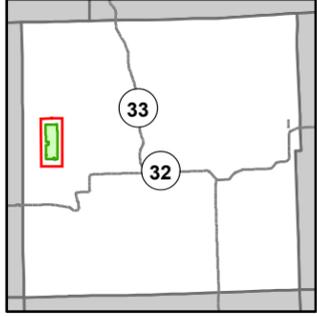


- Miris Corners
- Remonumented Section Corners
- Counties
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State - Dirt / Gravel Road
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Private - Dirt / Gravel Road
- Abandoned Railroads
- Designated Hiking Trails
- Designated Bicycle Trails
- Designated Multi-Use Trails
- Drain
- Intermittent Stream
- Perennial River
- Berms
- Gate
- Culvert
- Pipeline
- Powerline
- Non-Designated Recreational Trail
- Compartment Boundary
- Clearcut (w/Reserves)
- Opening Maintenance
- 411 - Northern Hardwood
- 412 - Oak Types
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 110 - Low Intensity Urban
- 122 - Roads/Parking Lot
- 310 - Herbaceous Openland
- 330 - Low Density Trees
- 623 - Emergent Wetland

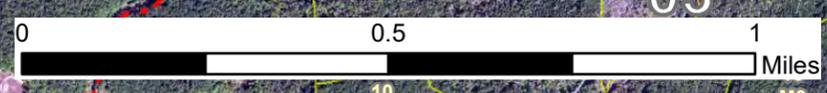
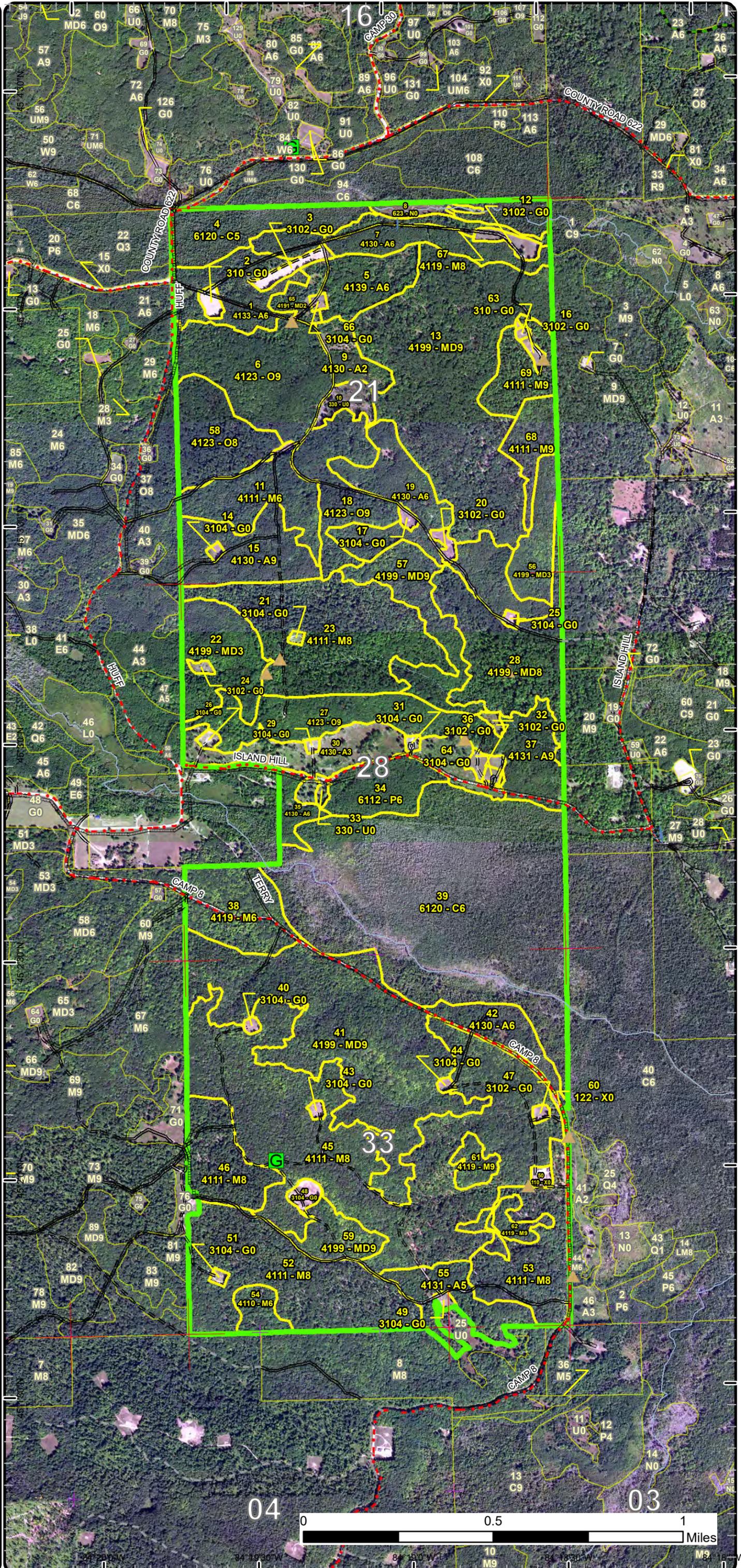


# Stand Boundary Map

Compartment: 35  
 T31N, R01E, Sec. 21, 28, 33  
 T30N, R01E, Sec. 3, 4  
 County: Montmorency  
 Unit: Atlanta  
 Mgmt Area: Rattlesnake Hills  
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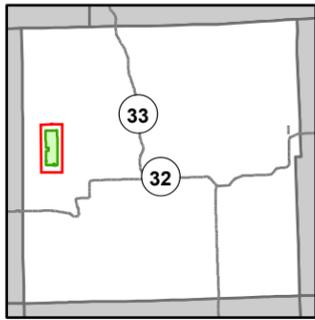
- Miris Corners
- + Remonumented Section Corners
- Counties
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State - Dirt / Gravel Road
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Private - Dirt / Gravel Road
- ✖ Abandoned Railroads
- Designated Hiking Trails
- Designated Bicycle Trails
- Designated Multi-Use Trails
- Drain
- Intermittent Stream
- Perennial River
- Berms
- G Gate
- Culvert
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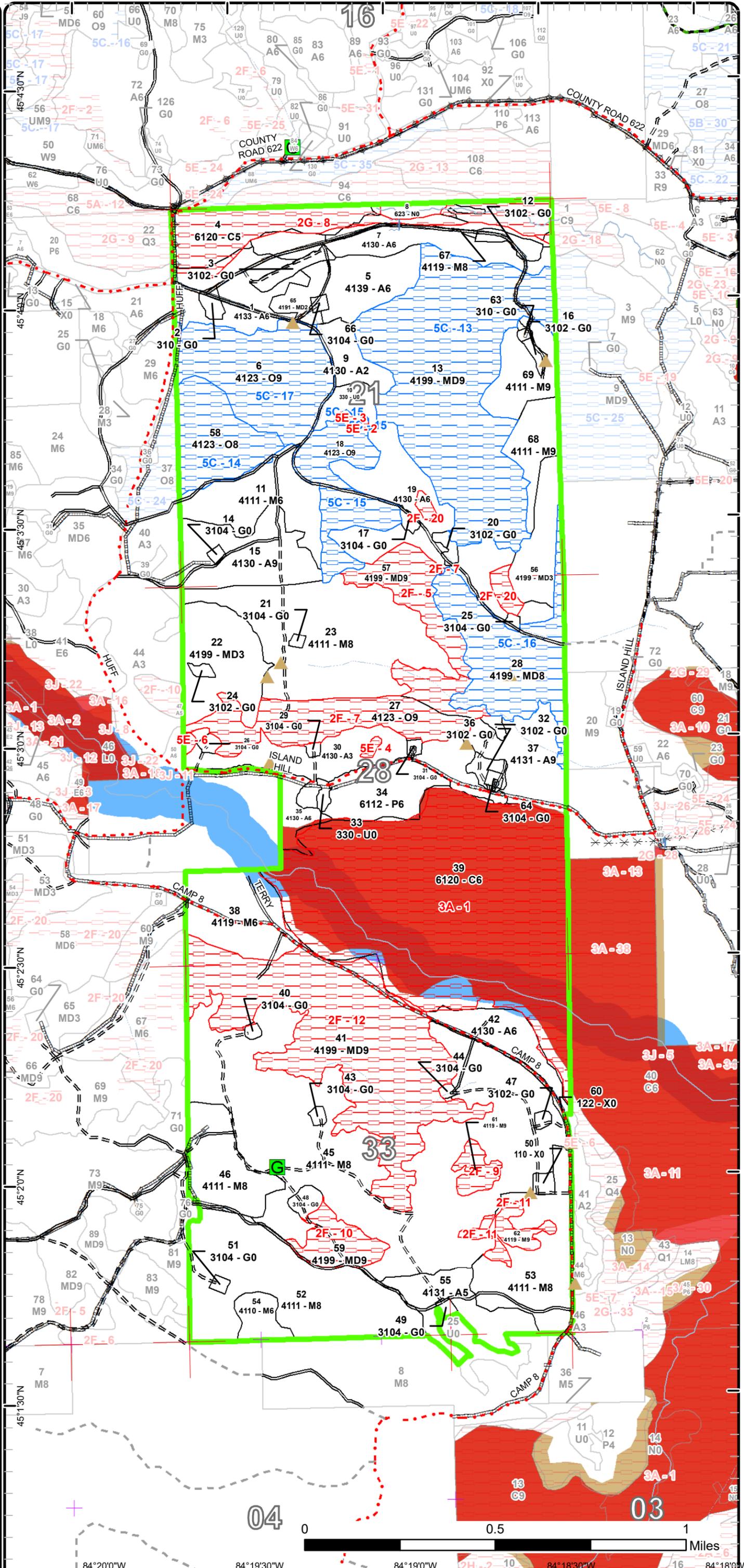
34° 28' 00" N
84° 19' 30" W
84° 19' 00" W
84° 18' 30" W
84° 18' 00" W

# Special Conservation Areas

Compartment: 35  
 T31N, R01E, Sec. 21, 28, 33  
 T30N, R01E, Sec. 3, 4  
 County: Montmorency  
 Unit: Atlanta  
 Mgmt Area: Rattlesnake Hills  
 YOE: 2023  
 Acres: 1865.7 GIS Calculated  
 Examiner: Richard Barber  
 Map Revised: 10/7/2021  
 Map Phase: Post-Review



- Miris Corners
- + Remonumented Section Corners
- Counties
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State - Dirt / Gravel Road
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- Designated Bicycle Trails
- Designated Multi-Use Trails
- Drain
- Intermittent Stream
- Perennial River
- Berms
- G Gate
- Culvert
- Pipeline
- Powerline
- Non-Designated Recreational Trail
- Compartment Boundary
- Available w/ Constraints
- 5C: Delay treatment for age/size class diversity or exceptional site quality
- Unavailable
- 2F: Too steep
- 2G: Too wet (sensitive soils, does not include access issues)
- 3A: Conservation Values incompatible with harvest at this time
- 5E: Long-Term Retention
- Stand Boundaries
- Ecological Reference Areas
- Forest Habitat Core Interior
- Cold Water Streams
- High Priority Trout Stream Buffer



Report 1 – Total Acres by Cover Type and Age Class



Age Class

	Non-Forest	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100-109	110-119	120-129	130-139	140-149	150+	Uneven-Aged	Total
Aspen	0	42	0	23	102	82	58	0	0	0	0	0	0	0	0	0	0	0	306
Cedar	0	0	0	0	0	0	0	0	0	0	0	277	0	0	0	0	0	0	277
Herbaceous Openland	41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	41
Low-Density Trees	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
Lowland Aspen/Balsam Poplar	0	0	0	0	0	24	0	0	0	0	0	0	0	0	0	0	0	0	24
Marsh	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Mixed Upland Deciduous	0	0	0	0	63	0	0	0	0	0	389	0	0	0	0	0	0	0	452
Northern Hardwood	0	0	0	0	0	33	9	0	35	9	493	0	0	0	0	0	0	0	578
Oak	0	0	0	0	0	0	0	0	0	0	168	0	0	0	0	0	0	0	168
Urban	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
<b>Total</b>	<b>62</b>	<b>42</b>	<b>0</b>	<b>23</b>	<b>165</b>	<b>139</b>	<b>67</b>	<b>0</b>	<b>35</b>	<b>9</b>	<b>1050</b>	<b>277</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1867</b>



## Report 2 – Treatment Summary

Atlanta Mgt. Unit

Compartment 35

Year of Entry: 2023

Acres of Harvest

Total Compartment Acres: 1,866

Commercial Harvest - 214  
 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	191	0	0	0	0	0	0	0	0	191
Lowland Aspen/Balsam Poplar	24	0	0	0	0	0	0	0	0	24
<b>Total</b>	<b>215</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>215</b>

### Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	215	0	0	0	0	0	0	0	22	236
Next Step	0	0	0	0	0	0	215	0	0	215
<b>Total</b>	<b>215</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>215</b>	<b>0</b>	<b>22</b>	<b>451</b>



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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:**

<b>1</b>	<b>54035001-Ccr</b>	29.4	4133 - Aspen, Mixed Pine	Poletimber Well	54	Unspecified	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
<p><u>Prescription</u> Clearcut with retention. Retain 3 to 10 percent of treatment area in one or more patches. Location(s) will be determined during sale prep and will be representative of the treatment's species overall mix. Use grouse spec 5.2.4.7, 12" minimum diameter fully merchantable tree, one per two acres. *Write aspen contract (all stands) as a two-year contract with no extension or once you move in you must finish, language.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Aspen, oak, pine, maple, fir.</p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2022</p>											
<b>2</b>	<b>54035002-NF</b>	2.5	310 - Herbaceous Openland	Nonstocked			NonForestMgt	Herbaceous/Crop /Grass Planting	310 - Herbaceous Openland		No
<p><u>Prescription</u> Opening may be maintained on an ongoing rotational basis to produce wildlife forage through burning, mowing, planting, herbicide, or other agriculture practices.</p> <p><u>Specs:</u></p> <p><u>Next Step</u></p> <p><u>Treatments:</u></p> <p><u>Acceptable</u></p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2022</p>											
<b>3</b>	<b>54035003-NF</b>	4.5	3102 - Grass	Nonstocked			NonForestMgt	Herbaceous/Crop /Grass Planting	310 - Herbaceous Openland		No
<p><u>Prescription</u> Opening may be maintained on an ongoing rotational basis to produce wildlife forage through burning, mowing, planting, herbicide, or other agriculture practices.</p> <p><u>Specs:</u></p> <p><u>Next Step</u></p> <p><u>Treatments:</u></p> <p><u>Acceptable</u></p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /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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5	54035005-Ccr	22.0	4139 - Aspen, Mixed Deciduous	Poletimber Well	37		Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
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Prescription Specs: Clearcut with retention. Retain 3 to 10 percent of treatment area in one or more patches. Location(s) will be determined during sale prep and will be representative of the treatment's species overall mix. Use grouse spec 5.2.4.7, 12" minimum diameter fully merchantable tree, one per two acres. \*Write aspen contract (all stands) as a two-year contract with no extension or once you move in you must finish, language.

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

Acceptable Regen: Aspen, oak, pine, maple, fir.

Other Comment:

Site Condition

Proposed Start Date: 10/1 /2022

7	54035007-Ccr	28.4	4130 - Aspen	Poletimber Well	54 Unspec ified		Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
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Prescription Specs: Clearcut with retention. Retain 3 to 10 percent of treatment area in one or more patches. Location(s) will be determined during sale prep and will be representative of the treatment's species overall mix. Use grouse spec 5.2.4.7, 12" minimum diameter fully merchantable tree, one per two acres. \*Write aspen contract (all stands) as a two-year contract with no extension or once you move in you must finish, language.

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

Acceptable Regen: Aspen, oak, pine, maple, fir.

Other Comment:

Site Condition

Proposed Start Date: 10/1 /2022

12	54035012-NF	4.3	3102 - Grass	Nonstocked			NonForestMgt	Herbaceous/Crop /Grass Planting	310 - Herbaceous Openland		No
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Prescription Specs: Opening may be maintained on an ongoing rotational basis to produce wildlife forage through burning, mowing, planting, herbicide, or other agriculture practices.

Next Step Treatments:

Acceptable Regen:

Other Comment:

Site Condition

Proposed Start Date: 10/1 /2022



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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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15	54035015-Ccr	35.2	4130 - Aspen	Sawtimber Well	46		Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
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Prescription Specs: Clearcut with retention. Retain 3 to 10 percent of treatment area in one or more patches. Location(s) will be determined during sale prep and will be representative of the treatment's species overall mix. Use grouse spec 5.2.4.7, 12" minimum diameter fully merchantable tree, one per two acres. \*Write aspen contract (all stands) as a two-year contract with no extension or once you move in you must finish, language.

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

Acceptable Regen: Aspen, oak, pine, maple, fir.

Other Comment:

Site Condition

Proposed Start Date: 10/1 /2022

19	54035019-Ccr	47.9	4130 - Aspen	Poletimber Well	37		Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
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Prescription Specs: Clearcut with retention. Retain 3 to 10 percent of treatment area in one or more patches. Location(s) will be determined during sale prep and will be representative of the treatment's species overall mix. Use grouse spec 5.2.4.7, 12" minimum diameter fully merchantable tree, one per two acres. \*Write aspen contract (all stands) as a two-year contract with no extension or once you move in you must finish, language.

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

Acceptable Regen: Aspen, oak, pine, maple, fir.

Other Comment: Exclude excessively steep slopes from sale.

Site Condition

Proposed Start Date: 10/1 /2022

20	54035020-NF	2.2	3102 - Grass	Nonstocked			NonForestMgt	Herbaceous/Crop /Grass Planting	310 - Herbaceous Openland		No
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Prescription Specs: Opening may be maintained on an ongoing rotational basis to produce wildlife forage through burning, mowing, planting, herbicide, or other agriculture practices.

Next Step Treatments:

Acceptable Regen:

Other Comment:

Site Condition

Proposed Start Date: 10/1 /2022



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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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32	54035032-NF	1.4	3102 - Grass	Nonstocked		NonForestMgt	Herbaceous/Crop /Grass Planting	310 - Herbaceous Openland		No
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Prescription Specs: Opening may be maintained on an ongoing rotational basis to produce wildlife forage through burning, mowing, planting, herbicide, or other agriculture practices.

Follow EMR restrictions and guidelines.

Next Step Treatments:

Acceptable Regen:

Other Comment:

Site Condition

Proposed Start Date: 10/1 /2022

34	54035034-Ccr	23.5	6112 - Lowland Aspen	Poletimber Well	48	Harvest	Clearcut with Retention	6112 - Lowland Aspen	Even-Aged	No
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Prescription Specs: Clearcut with retention. Retain 3 to 10 percent of treatment area in one or more patches. Location will be in 100-foot uncut buffer of Green Swamp ERA. Use grouse spec 5.2.4.7, 12" minimum diameter fully merchantable tree, one per two acres. \*Write aspen contract (all stands) as a two-year contract with no extension or once you move in you must finish, language.

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

Acceptable Regen: Aspen, oak, pine, maple, fir.

Other Comment:

Site Condition

Proposed Start Date: 10/1 /2022

36	54035036-NF	3.4	3102 - Grass	Nonstocked		NonForestMgt	Herbaceous/Crop /Grass Planting	310 - Herbaceous Openland		No
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Prescription Specs: Opening may be maintained on an ongoing rotational basis to produce wildlife forage through burning, mowing, planting, herbicide, or other agriculture practices.

Follow EMR restrictions and guidelines.

Next Step Treatments:

Acceptable Regen:

Other Comment:

Site Condition

Proposed Start Date: 10/1 /2022

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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
37 54035037-Ccr	28.1	4131 - Aspen, Oak	Sawtimber Well	48		Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
<u>Prescription</u> Clearcut with retention. Retain 3 to 10 percent of treatment area in one or more patches. Location will be in 100-foot uncut buffer of Green <u>Specs:</u> Swamp ERA. Use grouse spec 5.2.4.7, 12" minimum diameter fully merchantable tree, one per two acres. *Write aspen contract (all stands) as a two-year contract with no extension or once you move in you must finish, language. <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Aspen, oak, pine, maple, fir. <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition</u> <u>Proposed Start Date:</u> 10/1 /2022										
48 54035048-NF	3.3	3104 - Degraded	Nonstocked			NonForestMgt	Herbaceous/Crop /Grass Planting	310 - Herbaceous Openland		No
<u>Prescription</u> Opening may be maintained on an ongoing rotational basis to produce wildlife forage through burning, mowing, planting, herbicide, or other <u>Specs:</u> agriculture practices. <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										

**Total Treatment** 236.1  
**Acreage Proposed:**

## Report 4 – Site Conditions

Atlanta Mgt. Unit  
Richard Barber : Examiner

Compartment: 35  
Year of Entry: 2023

### Availability for Management

Total Acres	Acres Available	Acres Available With Condition	Acres Not Available
305	295	0	11
277	5	0	272
41	41	0	0
9	9	0	0
24	23	0	0
6	4	0	2
452	63	202	187
578	558	0	21
168	0	125	43
6	6	0	0
1,866	1,004	327	535
	54%	18%	29%

### Dominant Site Conditions

	Dominant Site Conditions				
	5C	2F	2G	3A	5E
Aspen		6	3	1	2
Cedar			42	230	
Herbaceous Openland		0			
Low-Density Trees					0
Lowland Aspen/Balsam Poplar				0	
Marsh			2		
Mixed Upland Deciduous	202	186		1	
Northern Hardwood		16	4	0	
Oak	125	42			1
Urban					
Total Forested Acres	327	250	51	232	3
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	3A: Conservation Values incompatible with harvest at this time	232	3J: Water quality / BMPs (stream, river, or lake)	5F: Evaluated for Forest Health Considerations	1C: Other dept or div proc/practices	Unspecified
<b>Comments:</b> Green Swamp ERA and Forest Habitat Core Interior HCVA's. Cold water Stream.							
2	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
3	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							

## Report 4 – Site Conditions

Atlanta Mgt. Unit  
Richard Barber : Examiner

Compartment: 35  
Year of Entry: 2023

4	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
5	Unavailable	2F: Too steep	23	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
6	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
7	Unavailable	2F: Too steep	53	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
8	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	51	5A: Not able to obtain desirable regeneration	5F: Evaluated for Forest Health Considerations	Unspecified	Unspecified
Comments:							
9	Unavailable	2F: Too steep	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
10	Unavailable	2F: Too steep	15	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

## Report 4 – Site Conditions

Atlanta Mgt. Unit  
Richard Barber : Examiner

Compartment: 35  
Year of Entry: 2023

11	Unavailable	2F: Too steep	9	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
12	Unavailable	2F: Too steep	136	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> May be some areas available to treat with adjacent stands.							
13	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	147	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> Thinned to 70-80 in 2015 ash salvage. Give stand time to recover.							
14	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	33	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> Thinned to 70-80 in 2015 ash salvage. Give stand time to recover.							
15	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	33	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> Thinned to 70-80 in 2015 ash salvage. Give stand time to recover.							
16	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	55	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> Thinned to 70-80 in 2015 ash salvage. Give stand time to recover.							

# Report 4 – Site Conditions

Atlanta Mgt. Unit  
Richard Barber : Examiner

Compartment: 35  
Year of Entry: 2023

17	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	59	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
20	Unavailable	2F: Too steep	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Mgt. Unit

Compartment: #Type!

Year of Entry:



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

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

SCA Name	SCA Category	Detail Type	Recommendation	Acres
<b>Comments</b>				



**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 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.
SCA	Riparian Area	A transitional area between aquatic and terrestrial ecosystems in which the terrestrial ecosystem influences the aquatic ecosystem and vice-versa. Because of the unique conditions adjacent to lakes, streams and open water wetlands, riparian areas harbor a high diversity of plants and wildlife. Riparian communities are ecologically and socially significant in their effects on water quality and quantity, as well as aesthetics, habitat, bank stability, timber production, and their contribution to overall biodiversity.
ERA	Ecological Reference Areas	Ecological Reference Areas (ERAs) are high quality examples of natural communities that have been identified as Element Occurrences (EOs) by the Michigan Natural Features Inventory (MNFI) within the context of their natural community classification system. Element Occurrences with viability ranks of A (Excellent) or B (Good) and a Global (G) or State (S) element (rarity) ranking of endangered (1), threatened (2), or rare (3) serve as an initial base of ERAs. They may be located upon any ownership in the State. The system is comprised of individual or associations of natural community types that are managed for restoration and maintenance of natural ecological processes and values. The public may submit recommendations for lands as ERAs using the DNR Conservation Area Recommendation Form.



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																			
1	4133 - Aspen, Mixed Pine	Poletimber Well	29.4	54	Unspecified	N/A																																																				
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2	310 - Herbaceous Openland	Nonstocked	2.5			Managed Opening																																																				
3	3102 - Grass	Nonstocked	4.5			Managed Opening																																																				
4	6120 - Lowland Cedar	Poletimber Medium	42.7	101		N/A	lot of dieback.																																																			
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5	4139 - Aspen, Mixed Deciduous	Poletimber Well	22.0	37		N/A	some parts of this are more of a hardwood type.																																																			
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6	4123 - Red Oak	Sawtimber Well	58.5	97	51-80	N/A	stand was thinned in 2008																																																			
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7	4130 - Aspen	Poletimber Well	28.4	54	Unspecified	N/A																																															
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8	623 - Emergent Wetland	Nonstocked	5.7			No	cattails et cetera.																																														
9	4130 - Aspen	Sapling Medium	12.5	27	Immature	N/A	sloping terrain Some areas of U type, where wildfire was and heavy elk browse spots.																																														
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10	330 - Low-Density Trees	Nonstocked	7.7	0		No	Nice looking bramble with scattered oak.																																														
11	4111 - S.Maple, Hard Mast Association	Poletimber Well	32.9	46	51-80	N/A	pole sized northern hardwoods with mature logs on site.																																														
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12	3102 - Grass	Nonstocked	4.3			Managed Opening																																															
13	4199 - Other Mixed Upland Deciduous	Sawtimber Well	146.6	95	51-80	N/A	Thinned to 70-80 in 2015 ash salvage.																																														
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																											
14	3104 - Degraded	Nonstocked	0.9																																															
15	4130 - Aspen	Sawtimber Well	35.2	46		N/A	aspen mixed with mature oak and other hardwood.much of this stand, especially the central portion, is AFO. It appears to be a high graded hardwood stand that filled in with Aspen. In 2041, decide whether to restore hardwoods or regenerate Aspen.																																											
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																										
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<b>27</b>	4123 - Red Oak	Sawtimber Well	41.7	92	81-110	N/A	very steep slopes prevent treating entire stand. close illegal trails.																																										
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<b>29</b>	3104 - Degraded	Nonstocked	0.8																																														
<b>30</b>	4130 - Aspen	Sapling Well	42.1	8	Immature	N/A	Heavier to aspen on edges. Variety of heights, especially in terms of oak. Larger, leave oaks, white pine, and sugar maple. Browse is heavy, but the aspen and quite a few oak were able to make it well past the browse line. The center of the stand (25%) does not have much regen, it's mostly blackberry shrubs.																																										
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32	3102 - Grass	Nonstocked	1.4			Managed Opening																																																
33	330 - Low-Density Trees	Nonstocked	1.5			No																																																
34	6112 - Lowland Aspen	Poletimber Well	23.5	48		N/A																																																
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38	4119 - Mixed Northern Hardwoods	Poletimber Well	34.5	72	51-80	N/A	low ba's look at thinning in 10 years.																																															
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments		
<b>39</b>	6120 - Lowland Cedar	Poletimber Well	233.8	106		N/A	part of green swamp.		
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>
Balsam Fir		15	Pole	7		Balsam Fir	Medium	10 - 20 feet	Sapling
Black Spruce		15	Pole	7		Tag Alder	Low	5 - 10 feet	Tall Shrub
Northern White Cedar		70	Pole/Log	9	106				
<b>40</b>	3104 - Degraded	Nonstocked	1.0						
<b>41</b>	4199 - Other Mixed Upland Deciduous	Sawtimber Well	137.5	92	81-110	N/A	steep slopes prevent treating entire stand.		
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>
Sugar Maple		40	Log/Pole	10		Ironwood	High	10 - 20 feet	Sapling
Basswood		3	Log/Pole	10					
Beech		2	Log/Pole	10					
Red Oak		55	Log	15	92				
<b>42</b>	4130 - Aspen	Poletimber Well	18.5	45		N/A	stand is a transition zone from lowland swamp to hardwood ridge.		
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>
Sugar Maple		10	Sapling	4		Balsam Fir	Low	5 - 10 feet	Sapling
Red Maple		10	Sapling	4		Ironwood	High	10 - 20 feet	Sapling
Quaking Aspen		65	Pole	9	45				
Balsam Fir		10	Pole/Sap/Log	8					
Black Spruce		5	Log	11					
<b>43</b>	3104 - Degraded	Nonstocked	1.1						
<b>44</b>	3104 - Degraded	Nonstocked	0.8						
<b>45</b>	4111 - S.Maple, Hard Mast Association	Sawtimber Medium	203.7	92	51-80	N/A	Bigfoot hardwoods?		
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>
Sugar Maple		50	Log	11	92	Sugar Maple	Low	5 - 10 feet	Sapling
Basswood		12	Log/Pole	13		Ironwood	High	5 - 10 feet	Sapling
Red Oak		38	Log	14	92				
<b>46</b>	4111 - S.Maple, Hard Mast Association	Sawtimber Medium	29.1	92	51-80	N/A			
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>
Sugar Maple		60	Log	12	92	Sugar Maple	Medium	10 - 20 feet	Sapling
Basswood		4	Log/Pole	12		Ironwood	Medium	10 - 20 feet	Sapling
Red Oak		36	Log/XLog	17					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
47	3102 - Grass	Nonstocked	1.1				captured for minerals?
48	3104 - Degraded	Nonstocked	3.3				
49	3104 - Degraded	Nonstocked	1.2	0			
50	110 - Low Intensity Urban	Nonstocked	2.0				Vienna #3 Antrim CPF.
51	3104 - Degraded	Nonstocked	1.0				

52 4111 - S.Maple, Hard Mast Association Sawtimber Medium 79.7 92 51-80 N/A openings are blackberry and browsed ash.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	51	Log	11	92	Sugar Maple	Medium	10 - 20 feet	Sapling
Basswood	9	Log/Pole	12		Ironwood	Medium	10 - 20 feet	Sapling
Red Oak	38	Log	16		Beech	Low	10 - 20 feet	Sapling
Paper Birch	1	Pole/Log	9					
Beech	1	Log	12					

53 4111 - S.Maple, Hard Mast Association Sawtimber Medium 42.9 92 51-80 N/A abundant ash saps browsed at 18".

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	53	Log	11	92	Sugar Maple	Medium	>20 feet	Sapling
Basswood	8	Log/Pole	12					
Red Oak	38	XLog/Log	18					
Hemlock	1	Log	13					

54 4110 - Sugar Maple Association Poletimber Well 8.9 54 1-50 N/A appears to be old homestead. footprint of structure still visible. mixture of big wolfy trees and nice regen.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	85	Pole/Sap/Log	5	54	Sugar Maple	Medium	>20 feet	Sapling
Ironwood	10	Sapling/Pole	3					
Red Oak	3	XLog/Log	18					
Bigtooth Aspen	2	Pole	9					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
55	4131 - Aspen, Oak	Poletimber Medium	25.5	35	Unspecified	N/A	
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	
Sugar Maple		5	Sapling/Pole	3		Ironwood	
Red Maple		20	Sapling	3		Density	Avg. Height
Red Oak		25	Pole	5	35	Medium	10 - 20 feet
Bigtooth Aspen		40	Pole	5	35		Size
Ironwood		10	Sapling	3			Sapling
56	4199 - Other Mixed Upland Deciduous	Sapling Well	19.7	37	1-50	N/A	mix of aspen oak and hardwood. sloping terrain.
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	
Sugar Maple		27	Sapling	3		Red Maple	
Red Maple		10	Sapling/Pole	3		Density	Avg. Height
Red Oak		7	Sapling	4		Low	10 - 20 feet
Bigtooth Aspen		13	Pole	6	37	High	10 - 20 feet
Ironwood		40	Sapling	3	37		Size
Black Cherry		3	Pole	6			Sapling
57	4199 - Other Mixed Upland Deciduous	Sawtimber Well	34.2	93	81-110	N/A	some areas of steep slopes.
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	
Sugar Maple		35	Log	13	93	Red Maple	
Red Oak		55	Log	14	93	Density	Avg. Height
Basswood		5	Log/Pole	13		Low	10 - 20 feet
Red Maple		5	Log/Pole	10		High	10 - 20 feet
							Size
							Sapling
58	4123 - Red Oak	Sawtimber Medium	33.1	97	51-80	N/A	stand was thinned in 2008
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	
Red Oak		60	Log	13	97	Ironwood	
Sugar Maple		20	Log/Pole	10		Density	Avg. Height
Beech		5	Pole/Log	9		High	10 - 20 feet
Red Maple		5	Pole/Log	8		Low	5 - 10 feet
Basswood		10	Log/Pole	11			Size
							Sapling
59	4199 - Other Mixed Upland Deciduous	Sawtimber Well	15.4	92	111-140	N/A	steep slopes prevent treating entire stand. scattered aspen, birch, hemlock. east side of stand has smaller diameters. average ba around 130.
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	
Sugar Maple		40	Pole/Log	9	92	Sugar Maple	
Basswood		8	Log/Pole	12		Density	Avg. Height
Beech		7	Log/Pole	12		Medium	10 - 20 feet
Red Oak		40	Log	12	92	Low	5 - 10 feet
Paper Birch		4	Log	10			Size
Hemlock		1	Log	15			Sapling



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																				
60	122 - Road/Parking Lot	Nonstocked	4.2	0		No	Camp 8 Road																																																				
61	4119 - Mixed Northern Hardwoods	Sawtimber Well	7.0	92	111-140	N/A	steep slopes prevent treating entire stand. scattered aspen, birch, hemlock. east side of stand has smaller diameters. average ba around 130.																																																				
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62	4119 - Mixed Northern Hardwoods	Sawtimber Well	9.4	92	111-140	N/A	most of stand was thinned around 30 yrs ago. big diameters, some areas of steep slopes. ba's run from 80 to 130.																																																				
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63	310 - Herbaceous Openland	Nonstocked	0.7																																																								
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65	4191 - Mixed Upland Deciduous with Conifer	Sapling Medium	8.3	37	1-50	N/A	some u-type.																																																				
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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**68** 4111 - S.Maple, Hard Mast Association    Sawtimber Well    15.5    95    81-110    N/A    lots of dead ash.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	51	Log	12	95	Sugar Maple	Medium	10 - 20 feet	Sapling
Red Maple	3	Log/Pole	10		Beech	Low	10 - 20 feet	Sapling
Basswood	20	Log	11		Ironwood	Low	10 - 20 feet	Sapling
Beech	1	Log/Pole	12					
Red Oak	25	Log	13					

**69** 4111 - S.Maple, Hard Mast Association    Sawtimber Well    20.1    95    81-110    N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	51	Log	13	95	Sugar Maple	Medium	10 - 20 feet	Sapling
Red Maple	3	Log/Pole	10		Beech	Low	10 - 20 feet	Sapling
Basswood	20	Log/Pole	13		Ironwood	Low	10 - 20 feet	Sapling
Beech	1	Log/Pole	12					
Red Oak	25	Log/Pole	13					