



Compartment Review Presentation

Atlanta Forest Management Unit

Compartment 54038

Entry Year 2017

Acreage: 1,624

County Montmorency

Management Area: Rattlesnake Hills

Revision Date: 2015-06-18

Stand Examiner: Richard Barber

Legal Description:

T31N, R1E, Sections 25, 35 & 36.

Identified Planning Goals:

Regeneration of aspen mixes and poor site oak.

Soil and topography:

The bulk of the compartment is wetland muck with the remainder being mostly steep uplands, specifically sandy textured moraines. Upland habitat types appear to be mostly PARVHa and PARVVb with smaller amounts of AFO and PARVCo.

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

Several parcels within the compartment boundaries are used as hunting/vacation residences. A small subdivision is in the south east corner of the compartment. Surrounding lands are mostly other state land.

Unique Natural Features:

One or more have been reported.

Archeological, Historical, and Cultural Features:

The Stevens School was located in this compartment, so presumably families once lived here. The D&M and BCG&A railroads were both present.

Special Management Designations or Considerations:

The Green Swamp is both an ERA and core habitat area.

Watershed and Fisheries Considerations:

Headwaters of the Rattlesnake Creek. The East Branch of the Black River cuts through Green Swamp. These are both designated cold water streams.

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 elk, ruffed grouse, black bear, and white-tailed deer. Based on the selected featured species, some of the most significant wildlife management issues in the management area is the retention of lowland cedar habitat, maintenance of young forest, 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

Surface sediments consist of coarse-textured till and glacial outwash sand and gravel and postglacial alluvium. The glacial drift thickness varies between 400 and 600 feet. Beneath the glacial drift are the Devonian Berea Sandstone and Bedford Shale. The Bedford is quarried for cement products elsewhere in the State. A gravel pit is located 1.5 miles to the south and potential is considered good on the upland areas. Most of this compartment has been drilled and is producing gas from the Antrim Shale. All of the state land in the compartment is currently under lease for oil and gas exploration and development.

Vehicle Access:

Access is good, except that existing current access to one forty involves crossing private property.

Survey Needs:

Surveys may be needed along the east and south sides of the compartment to prove trespass prepare timber sales.

Recreational Facilities and Opportunities:

Hunting. Mushroom picking. Fishing in Rattlesnake Creek.

Fire Protection:

Protection is provided by the Atlanta MDNR office and Vienna VFD.

Additional Compartment Information:

The following reports from the Inventory are attached:

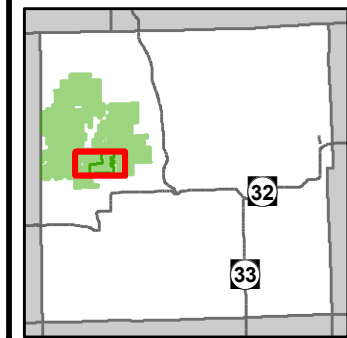
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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

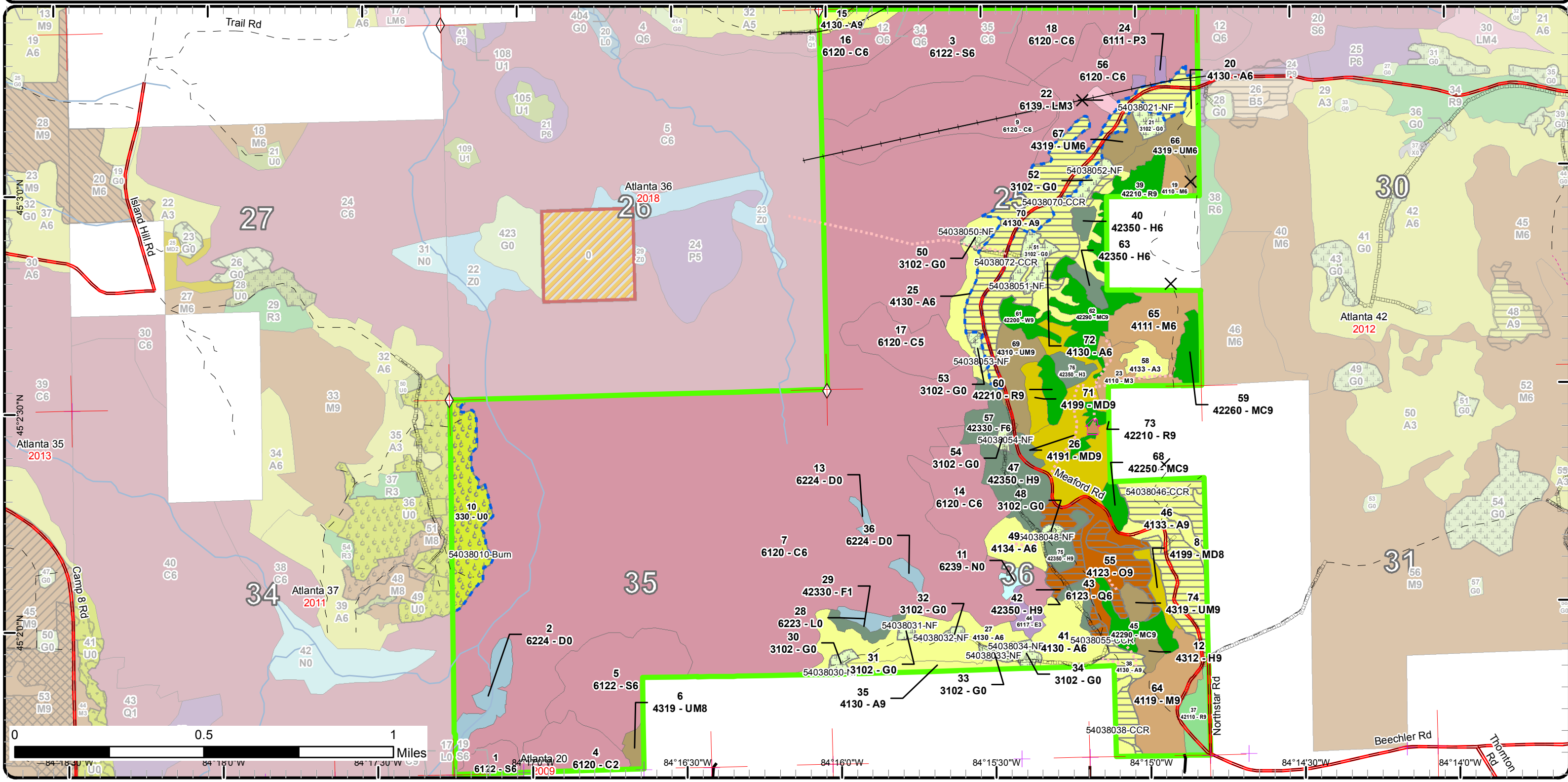
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

Cover Type & Treatments Map

Compartment: 38
 T31N, R01E, Sec: 25, 35, 36
 County: Montmorency
 Unit: Atlanta
 Mgmt Area: Rattlesnake Hills
 YOE: 2017
 Acres: 1624 GIS Calculated
 Examiner: Richard Barber
 Map Revised: 9/21/2015
 Map Phase: Post Review

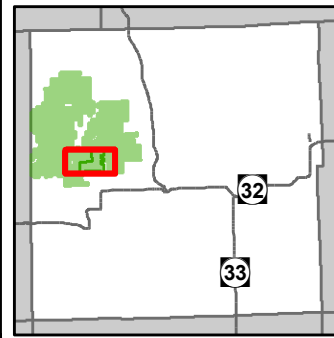


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|--|---|---|
| <ul style="list-style-type: none"> ✚ Remonumented Section Corners ◇ Field Grade GPS Corners — Miris Corners — Paved Roads — County Gravel Roads — Poor Dirt Roads — Trail (Non-Recreation) ⋯ Closed Roads ✕ Gate ▲ Berms — Railroads — Rivers — Pipeline ▭ Treatments with Site Conditions | <p>Treatments</p> <ul style="list-style-type: none"> ▭ Clearcut (w/Reserves) ▭ Other Treatment - See Comments ▭ Prescribed Burn <p>Forest Covertype</p> <ul style="list-style-type: none"> ▭ 411 - Northern Hardwood ▭ 412 - Oak Types ▭ 413 - Aspen Types ▭ 419 - Mixed Upland Deciduous ▭ 421 - Planted Pines ▭ 422 - Natural Pines ▭ 423 - Other Upland Conifers ▭ 430 - Upland Mixed Fores ▭ 611 - Lowland Deciduous Forest | <p>Non-Forest Covertype</p> <ul style="list-style-type: none"> ▭ 612 - Lowland Coniferous Forest ▭ 613 - Lowland Mixed Forest ▭ 310 - Herbaceous Openland ▭ 330 - Low Density Trees ▭ 622 - Lowland Shrub ▭ 623 - Emergent Wetland |
|--|---|---|

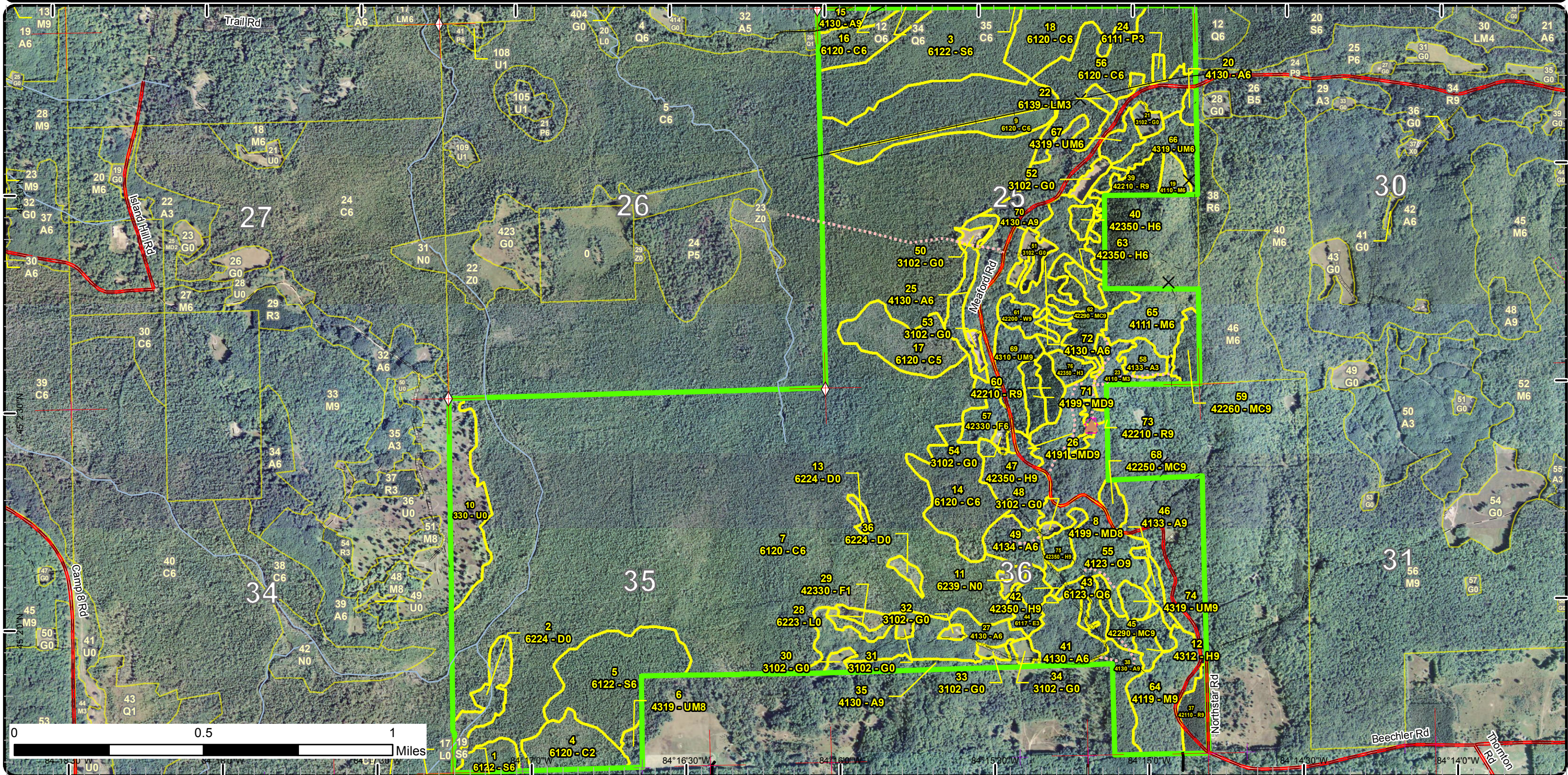


Stand Boundary Map

Compartment: 38
 T31N, R01E, Sec: 25, 35, 36
 County: Montmorency
 Unit: Atlanta
 Mgmt Area: Rattlesnake Hills
 YOE: 2017
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 Map Revised: 9/21/2015
 Map Phase: Post Review

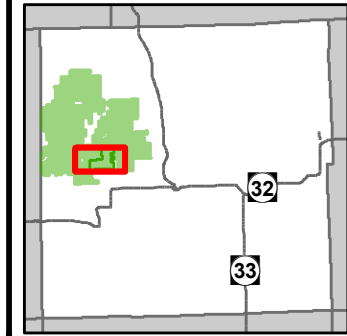


- ✚ Remonumented Section Corners Forest Covertypes
 - ◇ Field Grade GPS Corners
 - Miris Corners
 - Paved Roads
 - County Gravel Roads
 - - - Poor Dirt Roads
 - - - Trail (Non-Recreation)
 - ⋯ Closed Roads
 - ✕ Gate
 - ▲ Berms
 - Railroads
 - Rivers
 - ▭ Pipeline
 - ▭ Stand Boundaries
- | | | |
|-------------------------|---------------------------------|------------------------|
| 330 - Low Density Trees | 411 - Northern Hardwood | 622 - Lowland Shrub |
| | 412 - Oak Types | 623 - Emergent Wetland |
| | 413 - Aspen Types | |
| | 419 - Mixed Upland Deciduous | |
| | 421 - Planted Pines | |
| | 422 - Natural Pines | |
| | 423 - Other Upland Conifers | |
| | 430 - Upland Mixed Fores | |
| | 611 - Lowland Deciduous Forest | |
| | 612 - Lowland Coniferous Forest | |
| | 613 - Lowland Mixed Forest | |
- Non-Forest Covertypes
- 310 - Herbaceous Openland

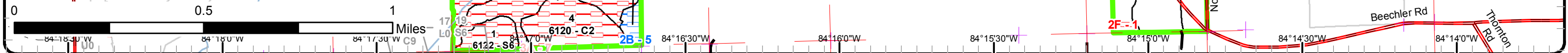
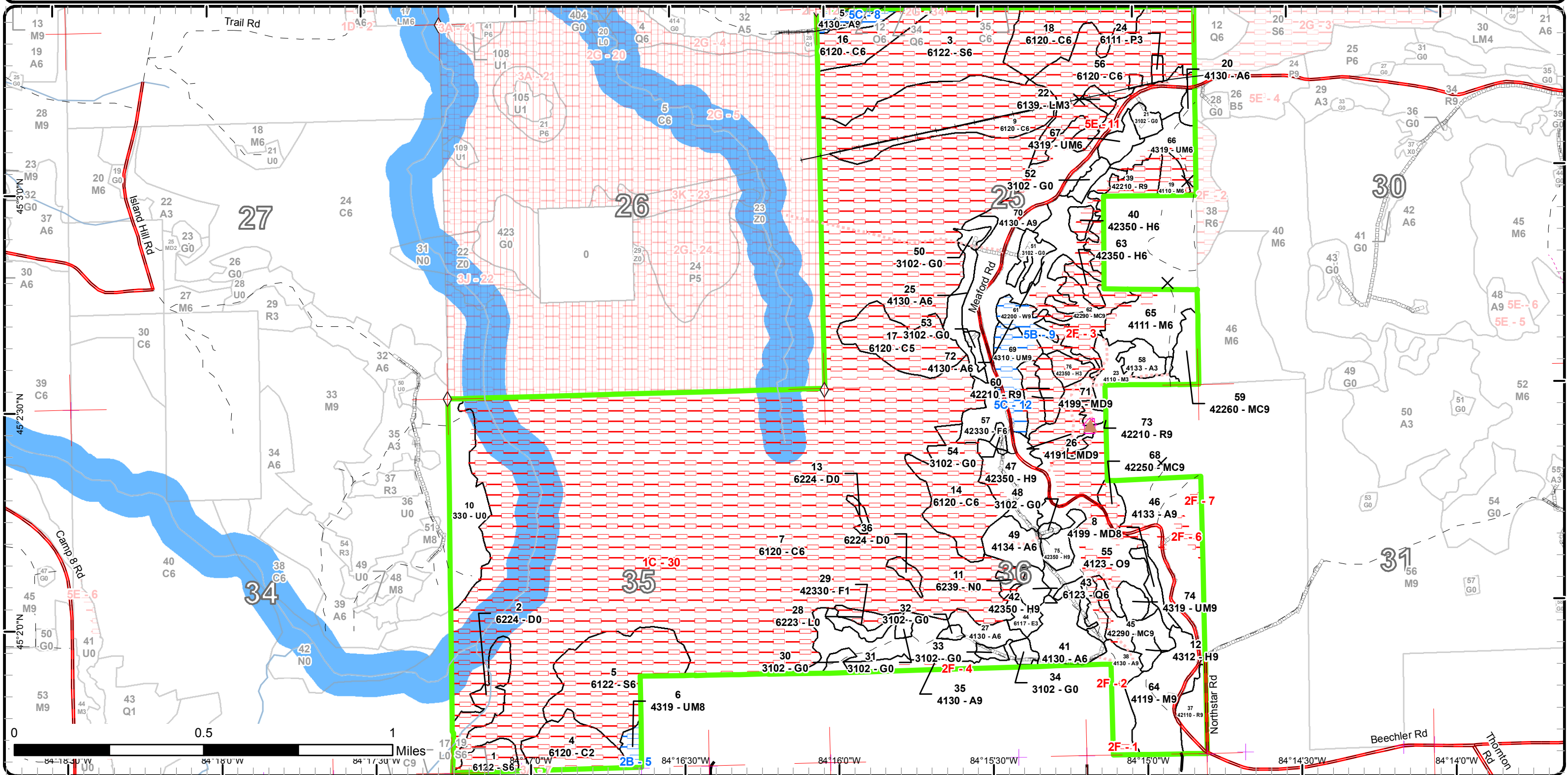


Special Conservation Areas & Site Conditions Map

Compartment: 38
 T31N, R01E, Sec: 25, 35, 36
 County: Montmorency
 Unit: Atlanta
 Mgmt Area: Rattlesnake Hills
 YOE: 2017
 Acres: 1624 GIS Calculated
 Examiner: Richard Barber
 Map Revised: 9/21/2015
 Map Phase: Post Review



<ul style="list-style-type: none"> ✚ Remonumented Section Corners ◇ Field Grade GPS Corners — Miris Corners — Paved Roads — County Gravel Roads — Poor Dirt Roads — Trail (Non-Recreation) ⋯ Closed Roads ✕ Gate ▲ Berms — Railroads — Rivers — Pipeline □ Stand Boundaries 	<p>Site Condition</p> <ul style="list-style-type: none"> — Available w/ Constraints — Unavailable <p>Available Factors W/ Constraints</p> <ul style="list-style-type: none"> 2B: Unknown if access through adjacent landowner(s) is possible 5B: Maintain for regeneration purposes 5C: Delay treatment for age/size class diversity or exceptional site quality <p>Unavailable Factors</p> <ul style="list-style-type: none"> 1C: Other dept or div proc/practices 2F: Too steep 5E: Long-Term Retention <p>Special Conservation Areas</p>	<ul style="list-style-type: none"> — Cold Water Streams ■ High Priority Trout Stream Buffer
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Report 1 – Total Acres by Cover Type and Age Class



Age Class

	Non-Forest	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100-109	110-119	120-129	130-139	140-149	150+	Uneven-Aged	Total
Aspen	0	0	0	34	36	32	6	9	41	0	12	45	0	0	0	0	0	0	215
Cedar	0	0	0	0	0	0	0	0	0	0	929	0	0	0	0	0	0	0	929
Hemlock	0	0	0	0	0	0	0	0	8	0	29	3	0	0	0	0	0	0	40
Herbaceous Openland	27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	27
Low-Density Trees	26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26
Lowland Aspen/Balsam Poplar	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Lowland Conifers	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Lowland Deciduous	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Lowland Mixed Forest	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Lowland Shrub	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Lowland Spruce/Fir	0	0	0	0	0	0	0	0	0	0	105	0	0	0	0	0	0	0	105
Marsh	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Mixed Upland Deciduous	0	0	0	0	0	0	0	0	0	37	0	4	0	0	0	0	0	0	41
Natural Mixed Pines	0	0	0	0	0	0	0	0	0	26	9	0	0	0	0	0	0	0	35
Northern Hardwood	0	0	0	9	0	0	0	0	4	18	25	0	0	0	0	0	0	0	56
Oak	0	0	0	0	0	0	0	0	0	0	32	0	0	0	0	0	0	0	32
Red Pine	0	0	0	0	0	0	9	0	0	19	0	0	0	0	0	0	0	0	28
Treed Bog	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15
Upland Mixed Forest	0	0	0	0	0	5	11	0	0	0	16	4	0	0	0	0	0	0	36
Upland Spruce/Fir	0	0	0	4	9	0	0	0	0	0	0	0	0	0	0	0	0	0	13
White Pine	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	6
Total	73	0	0	51	53	37	26	9	53	100	1157	62	0	0	0	0	0	0	1621



Report 2 – Treatment Summary

Atlanta Mgt. Unit

Compartment 38

Year of Entry: 2017

Acres of Harvest

Total Compartment Acres: 1,624

Commercial Harvest - 84
 Harvests with Site Condition - 45
 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	108	0	0	0	0	0	0	0	0	108
Oak	21	0	0	0	0	0	0	0	0	21
Total	129	0	0	0	0	0	0	0	0	129

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	129	0	0	0	26	0	0	0	27	182
Next Step	0	0	0	0	0	0	155	0	0	155
Total	129	0	0	0	26	0	155	0	27	337



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	Approval Status
36	54037036- Burn	51.8	330 - Low-Density Trees	Nonstocked		Unspec ified	Burn	Opening	330 - Low- Density Trees		Proposal

Habitat Cut: No**Site Condition:**

Prescription Burn to maintain soft mast producing plant species including rubus. Burn in accordance with massasauga limitations.

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other Stand contains some rubus spp., and mast producing shrubs along with other species used by a variety of wildlife. Old next step comments:

Comment:

Proposed Start Date: 8 /1 /2015

49	54037049- Burn	1.3	320 - Upland Shrub	Nonstocked		Unspec ified	Burn	Opening	320 - Upland Shrub		Proposal
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Habitat Cut: No**Site Condition:**

Prescription Burn to maintain soft mast producing plant species including rubus. Burn in accordance with massasauga limitations.

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other Stand contains some rubus spp., and mast producing shrubs along with other species used by a variety of wildlife. Old next step comments:

Comment:

Proposed Start Date: 8 /1 /2015

51	54037051- Burn	10.0	4110 - Sugar Maple Association	Sawtimber Medium	86	1-50	Burn	Opening	330 - Low- Density Trees		Proposal
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Habitat Cut: No**Site Condition:**

Prescription Burn to maintain soft mast producing plant species including rubus. Burn in accordance with massasauga limitations.

Specs:

Next Step

Treatments:

Acceptable Any combination native shrubs including rubus spp. and native grasses.

Regen:

Other Old next step comments:

Comment:

Proposed Start Date: 8 /1 /2015

10	54038010- Burn	26.1	330 - Low-Density Trees	Nonstocked		Unspec ified	Burn	Opening	330 - Low- Density Trees		Draft Field Boundary
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Habitat Cut: No**Site Condition: Other Dept./Div. Processes**

Prescription Burn to maintain soft mast producing plant species including rubus. Burn in accordance with massasauga limitations.

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other Stand contains some rubus spp., and mast producing shrubs along with other species used by a variety of wildlife. Old next step comments:

Comment:

Proposed Start Date: 8 /1 /2015



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	Approval Status
21	54038021-NF	3.3	3102 - Grass	Nonstocked		Unspec ified	NonForestMgt	Other - Specify	310 - Herbaceous Openland		Draft Field Boundary

Habitat Cut: No**Site Condition:**

Prescription Plant to food and cover crops for wildlife or maintain grasses using mechanical methods or fire as funding allows.

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other Old next step comments:

Comment:

Proposed Start Date: 10/1 /2016

30	54038030-NF	2.3	3102 - Grass	Nonstocked		Unspec ified	NonForestMgt	Other - Specify	310 - Herbaceous Openland		Draft Field Boundary
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Habitat Cut: No**Site Condition:**

Prescription Plant to food and cover crops for wildlife or maintain grasses using mechanical methods or fire as funding allows.

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other Old next step comments:

Comment:

Proposed Start Date: 10/1 /2016

31	54038031-NF	1.2	3102 - Grass	Nonstocked		Unspec ified	NonForestMgt	Other - Specify	310 - Herbaceous Openland		Draft Field Boundary
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Habitat Cut: No**Site Condition:**

Prescription Plant to food and cover crops for wildlife or maintain grasses using mechanical methods or fire as funding allows.

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other Old next step comments:

Comment:

Proposed Start Date: 10/1 /2016

32	54038032-NF	1.3	3102 - Grass	Nonstocked		Unspec ified	NonForestMgt	Other - Specify	310 - Herbaceous Openland		Draft Field Boundary
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Habitat Cut: No**Site Condition:**

Prescription Plant to food and cover crops for wildlife or maintain grasses using mechanical methods or fire as funding allows.

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other Old next step comments:

Comment:

Proposed Start Date: 10/1 /2016



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	Approval Status
33	54038033-NF	1.7	3102 - Grass	Nonstocked		Unspec ified	NonForestMgt	Other - Specify	310 - Herbaceous Openland		Draft Field Boundary

Habitat Cut: No**Site Condition:**

Prescription Plant to food and cover crops for wildlife or maintain grasses using mechanical methods or fire as funding allows.

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other Old next step comments:

Comment:

Proposed Start Date: 10/1 /2016

34	54038034-NF	2.2	3102 - Grass	Nonstocked		Unspec ified	NonForestMgt	Other - Specify	310 - Herbaceous Openland		Draft Field Boundary
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Habitat Cut: No**Site Condition:**

Prescription Plant to food and cover crops for wildlife or maintain grasses using mechanical methods or fire as funding allows.

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other Old next step comments:

Comment:

Proposed Start Date: 10/1 /2016

38	54038038- CCR	9.6	4130 - Aspen	Sawtimber Well	93	Unspec ified	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	Draft Field Boundary
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Habitat Cut: No**Site Condition:**

Prescription CCR. Retain 3 to 10 percent of treatment area in one or more patches. Location will be on steep slopes where possible. Shortwood only, to protect slopes and residual trees. No late winter or springtime operations due to multiple springs in access road.

Specs:

Next Step

Treatments:

Acceptable Acceptable regeneration is any combination of aspen, pine, oak, beech, or maple resulting in a medium or well stocked stand.

Regen:

Other Old next step comments:

Comment:

Proposed Start Date: 10/1 /2016

46	54038046- CCR	33.7	4133 - Aspen, Mixed Pine	Sawtimber Well	74	Unspec ified	Harvest	Clearcut with Retention	4133 - Aspen, Mixed Pine	Even-Aged	Draft Field Boundary
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Habitat Cut: No**Site Condition:**

Prescription CCR. Retain 3 to 10 percent of treatment area in one or more patches. Location will be on steep slopes where possible. Shortwood only, to protect slopes

Specs:

Next Step

Treatments:

Acceptable Acceptable regeneration is any combination of aspen, pine, oak, beech, or maple resulting in a medium or well stocked stand.

Regen:

Other Old next step comments:

Comment:

Proposed Start Date: 10/1 /2016



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	Approval Status
48	54038048-NF	1.2	3102 - Grass	Nonstocked		Unspec ified	NonForestMgt	Other - Specify	310 - Herbaceous Openland		Draft Field Boundary

Habitat Cut: No**Site Condition:**

Prescription Plant to food and cover crops for wildlife or maintain grasses using mechanical methods or fire as funding allows.

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other Old next step comments:

Comment:

Proposed Start Date: 10/1 /2016

50	54038050-NF	2.0	3102 - Grass	Nonstocked		Unspec ified	NonForestMgt	Other - Specify	310 - Herbaceous Openland		Draft Field Boundary
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Habitat Cut: No**Site Condition:**

Prescription Plant to food and cover crops for wildlife or maintain grasses using mechanical methods or fire as funding allows.

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other Old next step comments:

Comment:

Proposed Start Date: 10/1 /2016

51	54038051-NF	5.9	3102 - Grass	Nonstocked		Unspec ified	NonForestMgt	Other - Specify	310 - Herbaceous Openland		Draft Field Boundary
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Habitat Cut: No**Site Condition:**

Prescription Plant to food and cover crops for wildlife or maintain grasses using mechanical methods or fire as funding allows.

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other Old next step comments:

Comment:

Proposed Start Date: 10/1 /2016

52	54038052-NF	3.1	3102 - Grass	Nonstocked	0	Unspec ified	NonForestMgt	Other - Specify	310 - Herbaceous Openland		Draft Field Boundary
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Habitat Cut: No**Site Condition:**

Prescription Plant to food and cover crops for wildlife or maintain grasses using mechanical methods or fire as funding allows.

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other Old next step comments:

Comment:

Proposed Start Date: 10/1 /2016



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	Approval Status
53	54038053-NF	1.7	3102 - Grass	Nonstocked		Unspec ified	NonForestMgt	Other - Specify	310 - Herbaceous Openland		Draft Field Boundary

Habitat Cut: No**Site Condition:**

Prescription Plant to food and cover crops for wildlife or maintain grasses using mechanical methods or fire as funding allows.

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other Old next step comments:

Comment:

Proposed Start Date: 10/1 /2016

54	54038054-NF	1.4	3102 - Grass	Nonstocked		Unspec ified	NonForestMgt	Other - Specify	310 - Herbaceous Openland		Draft Field Boundary
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Habitat Cut: No**Site Condition:**

Prescription Plant to food and cover crops for wildlife or maintain grasses using mechanical methods or fire as funding allows.

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other Old next step comments:

Comment:

Proposed Start Date: 10/1 /2016

55	54038055- CCR	20.7	4123 - Red Oak	Sawtimber Well	96	111- 140	Harvest	Clearcut with Retention	4122 - Oak, Pine	Even-Aged	Draft Field Boundary
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Habitat Cut: No**Site Condition:**

Prescription CCR. Retain 3 to 10 percent of treatment area in one or more patches. Location will be on steep slopes where possible. Shortwood only, to protect slopes and residual trees. No late winter or springtime operations due to multiple springs in access road.

Specs:

Next Step

Treatments:

Acceptable Acceptable regeneration is any combination of oak, aspen, fir, pine, birch, or maple resulting in a medium or well stocked stand.

Regen:

Other Old next step comments:

Comment:

Proposed Start Date: 10/1 /2016

70	54038070- CCR	44.5	4130 - Aspen	Sawtimber Well	102	Unspec ified	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	Draft Field Boundary
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Habitat Cut: No**Site Condition: Long-Term Retention**

Prescription CCR. Retain 3 to 10 percent of treatment area in one or more patches. Location(s) will be in one or more locations and will be representative of the treatment's species mix as a whole. Require that trees not be moved to landing in such a way that soil is translocated.

Specs:

Next Step

Treatments:

Acceptable Acceptable regeneration is any combination of aspen, fir, pine, oak, birch, or maple resulting in a medium or well stocked stand.

Regen:

Other Old next step comments:

Comment:

Proposed Start Date: 10/1 /2016



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	Approval Status
72	54038072- CCR	20.3	4130 - Aspen	Poletimber Well	48	Unspec ified	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	Draft Field Boundary

Habitat Cut: No**Site Condition:**

Prescription CCR. Retain 3 to 10 percent of treatment area in one or more patches. Location will be on steep slopes where possible. Require that trees not
Specs: be moved to landing in such a way that soil is translocated.

Next Step
Treatments:

Acceptable Acceptable regeneration is any combination of aspen, fir, pine, oak, birch, or maple resulting in a medium or well stocked stand.
Regen:

Other Old next step comments:

Comment:

Proposed Start Date: 10/1 /2016

**Total Treatment
 Acreage Proposed: 245.4**

Report 5 – Site Conditions

Atlanta Mgt. Unit
Richard Barber : Examiner

Compartment: 38
Year of Entry: 2017

Availability for Management

Total Acres	Acres Available	Acres Avail With Condition		Acres Not Available	Dominant Site Conditions						
					2B	5B	5C	1C	2F	5E	
215	181	6		28	Aspen			6	1	19	8
928	1	0		927	Cedar	0			927		
40	28	0		12	Hemlock				2	10	
27	27	0		0	Herbaceous Openland						
26	25	0		1	Low-Density Trees				1		
2	0	0		2	Lowland Aspen/Balsam Poplar				2		
4	4	0		0	Lowland Conifers				0		
4	4	0		1	Lowland Deciduous				1		
2	0	0		2	Lowland Mixed Forest				2		
3	0	0		3	Lowland Shrub				3		
105	0	0		105	Lowland Spruce/Fir	0			105		
2	0	0		2	Marsh				2		
41	8	0		32	Mixed Upland Deciduous					32	
36	16	0		20	Natural Mixed Pines					20	
58	50	0		8	Northern Hardwood					8	
32	21	0		11	Oak					11	
28	10	0		18	Red Pine					18	
15	0	0		15	Treed Bog				15		
37	16	15		6	Upland Mixed Forest	3		11	0	6	
13	13	0		0	Upland Spruce/Fir				0		
6	0	5		1	White Pine		5			1	
1,624	404	26		1,193	Total Forested Acres	3	5	18	1,062	124	8
	25%	2%		74%	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	2F: Too steep	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 5 – Site Conditions

Atlanta Mgt. Unit
Richard Barber : Examiner

Compartment: 38
Year of Entry: 2017

2	Unavailable	2F: Too steep	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
3	Unavailable	2F: Too steep	117	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
4	Unavailable	2F: Too steep	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
5	Available	2B: Unknown if access through adjacent landowner(s) is possible	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Green Swamp ERA and Forest Habitat Core Interior HCVA's.							
6	Unavailable	2F: Too steep	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
7	Unavailable	2F: Too steep	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
8	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Rotation age is 60, will hold ten more years.							

Report 5 – Site Conditions

Atlanta Mgt. Unit
Richard Barber : Examiner

Compartment: 38
Year of Entry: 2017

9	Available	5B: Maintain for regeneration purposes	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Age and BA are normal for 16" DBH WP on mesic site.							
11	Unavailable	5E: Long-Term Retention	8	3G: Other Influence zones - See comments	Unspecified	Unspecified	Unspecified
Comments: 1 cn. buffer to protect Green Swamp ERA.							
12	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	12	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Delayed treatment for white pine management.							
30	Unavailable	1C: Other dept or div proc/practices	1,062	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments: Green Swamp ERA and Forest Habitat Core Interior HCVA's.							

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Compartment: #Type!

Year of Entry:



Report 6 – 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 7 – 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.

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Atlanta Mgt. Unit

Report 8 – Forested Stands

Compartment: 38
Year of Entry: 2017

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
1	6122 - Black Spruce	Poletimber Well	7.1	91	Unspecified	
3	6122 - Black Spruce	Poletimber Well	54.2	94	Unspecified	
4	6120 - Lowland Cedar	Sapling Medium	18.2	94	Unspecified	wetter than surrounding stands.
5	6122 - Black Spruce	Poletimber Well	43.5	94	Unspecified	
6	4319 - Mixed Upland Forest	Sawtimber Medium	3.3	94	Unspecified	
7	6120 - Lowland Cedar	Poletimber Well	757.0	94	Unspecified	
8	4199 - Other Mixed Upland Deciduous	Sawtimber Medium	4.1	102	81-110	Previously thinned.
9	6120 - Lowland Cedar	Poletimber Well	12.1	94	Unspecified	
12	4312 - Hemlock, Mixed Deciduous	Sawtimber Well	3.1	96	Unspecified	
14	6120 - Lowland Cedar	Poletimber Well	30.8	94	Unspecified	Not as "squishy" as stand 7.
15	4130 - Aspen	Sawtimber Well	6.2	53	Unspecified	
16	6120 - Lowland Cedar	Poletimber Well	14.5	94	Unspecified	
17	6120 - Lowland Cedar	Poletimber Medium	23.3	94	Unspecified	Thinner and wetter than surrounding cedar. Cattails in places, and more windthrow.
18	6120 - Lowland Cedar	Poletimber Well	24.6	94	Unspecified	
19	4110 - Sugar Maple Association	Poletimber Well	4.5	76	1-50	
20	4130 - Aspen	Poletimber Well	2.1	48	Unspecified	
22	6139 - Mixed Lowland Forest	Sapling Well	2.1	22	Immature	
23	4110 - Sugar Maple Association	Sapling Well	9.1	24	Immature	

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Atlanta Mgt. Unit

Report 8 – Forested Stands

Compartment: 38
Year of Entry: 2017

	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
24	6111 - Lowland Balsam Poplar	Sapling Well	2.1	22	Immature	
25	4130 - Aspen	Poletimber Well	9.8	32	Immature	
26	4191 - Mixed Upland Deciduous with Conifer	Sawtimber Well	31.1	86	81-110	
27	4130 - Aspen	Poletimber Well	29.0	25	Immature	cattails in cedar seeps that were clear cut.
29	42330 - Upland Fir	Sapling Poor	3.7	25	Immature	beaver-mowed "aspen" stand next to beaver marsh.
35	4130 - Aspen	Sawtimber Well	8.7	65	Unspecified	
37	42110 - Planted Red Pine	Sawtimber Well	8.6	54	Unspecified	
38	4130 - Aspen	Sawtimber Well	11.7	93	Unspecified	May be PARVVb.
39	42210 - Natural Red Pine	Sawtimber Well	10.8	85	111-140	
40	42350 - Upland Hemlock	Poletimber Well	2.7	106	Unspecified	
41	4130 - Aspen	Poletimber Well	16.3	35	Unspecified	
42	42350 - Upland Hemlock	Sawtimber Well	2.6	94	Unspecified	
43	6123 - Lowland Fir	Poletimber Well	4.2	33	Immature	
44	6117 - Lowland Deciduous, Mixed Coniferous	Sapling Well	4.2	35	Unspecified	seeps n' saps. Not sure if ash is still alive.
45	42290 - Natural Mixed Pine	Sawtimber Well	9.2	96	81-110	
46	4133 - Aspen, Mixed Pine	Sawtimber Well	40.7	74	Unspecified	
47	42350 - Upland Hemlock	Sawtimber Well	18.3	94	Unspecified	
49	4134 - Aspen, Spruce/Fir	Poletimber Well	10.1	36	Unspecified	



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
55	4123 - Red Oak	Sawtimber Well	31.8	96	111-140	2-4 log oak quality on top of hill close to stand 74--otherwise, somewhat less . West slope lacks ground cover and O2 soil layer on steeper slopes. Bare mineral soil (sand) is often present in patches.
56	6120 - Lowland Cedar	Poletimber Well	47.8	94	Unspecified	
57	42330 - Upland Fir	Poletimber Well	9.3	33	Immature	
58	4133 - Aspen, Mixed Pine	Sapling Well	5.4	24	Immature	
59	42260 - Natural Pine, Mixed Deciduous	Sawtimber Well	7.2	85	81-110	Red pine down to 8" DBH.
60	42210 - Natural Red Pine	Sawtimber Well	5.1	85	111-140	
61	42200 - Natural White Pine	Sawtimber Well	6.1	105	171-200	wp 12-26 dbh
62	42290 - Natural Mixed Pine	Sawtimber Well	15.4	85	111-140	
63	42350 - Upland Hemlock	Poletimber Well	3.5	77	Unspecified	
64	4119 - Mixed Northern Hardwoods	Sawtimber Well	25.5	96	81-110	ba 80-90
65	4111 - S.Maple, Hard Mast Association	Poletimber Well	18.5	85	81-110	
66	4319 - Mixed Upland Forest	Poletimber Well	11.1	52	51-80	
67	4319 - Mixed Upland Forest	Poletimber Well	5.2	48	Unspecified	
68	42250 - Pine, Oak	Sawtimber Well	3.8	87	111-140	
69	4310 - Pine, Oak Mix	Sawtimber Well	13.2	98	81-110	lower elevations operable.
70	4130 - Aspen	Sawtimber Well	44.5	102	Unspecified	
71	4199 - Other Mixed Upland Deciduous	Sawtimber Well	5.4	85	Unspecified	
72	4130 - Aspen	Poletimber Well	29.9	48	Unspecified	

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Atlanta Mgt. Unit

Report 8 – Forested Stands

Compartment: 38
Year of Entry: 2017



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
73	42210 - Natural Red Pine	Sawtimber Well	3.4	86	81-110	
74	4319 - Mixed Upland Forest	Sawtimber Well	4.0	102	Unspecified	
75	42350 - Upland Hemlock	Sawtimber Well	5.5	94	Unspecified	
76	42350 - Upland Hemlock	Sapling Well	4.2	77	Unspecified	



Stand	Cover Type	Acres	Managed Site	General Comments:
2	6224 - Treed Bog	11.4	No	
10	330 - Low-Density Trees	26.1	Yes	Trees are mostly basswood and sugar maple. Some basswood pushing 24" DBH. Scattered cherry shrubs and some autumn olive. Abundant little blue stem and bracken fern. Restored through regular schedule of burning.
11	6239 - Mixed Emergent Wetland	2.5	No	
13	6224 - Treed Bog	1.5	No	
21	3102 - Grass	3.3	Yes	
28	6223 - Inundated Shrub Swamp	3.0	No	
30	3102 - Grass	2.3	Yes	
31	3102 - Grass	1.2	Yes	
32	3102 - Grass	1.3	Yes	
33	3102 - Grass	1.7	Yes	
34	3102 - Grass	2.2	Yes	
36	6224 - Treed Bog	2.5	No	
48	3102 - Grass	1.2	Yes	
50	3102 - Grass	2.0	Yes	
51	3102 - Grass	5.9	Yes	
52	3102 - Grass	3.1	Yes	
53	3102 - Grass	1.7	Yes	
54	3102 - Grass	1.4	No	