



Compartment Review Presentation

Atlanta Forest Management Unit

Compartment 54074

Entry Year 2020

Acreage: 1,108

County Montmorency

Management Area: Thunder Bay Outwash

Revision Date: 2018-06-04

Stand Examiner: Darrick Coy

Legal Description:

T32N, R3E, Sections 22, 27 and 34

Identified Planning Goals:

To provide for the protection, integrated management and responsible use of a healthy, productive, and undiminished forest resource base for the social, recreational, environmental, and economic benefit of the State of Michigan. Harvests prescribed will help to balance the age classes of aspen to sustainably produce various timber products, enhance game and non-game wildlife habitat and provide for forest-based recreational uses.

Soil and topography:

Soils are mostly well drained sands in the uplands and muck and silt loam soils in the lowlands. Overall, there are slight changes in topography, mostly broad and flat to rolling with a few hills. The compartment forest habitat types are primarily PArVHa/PArVVb, PVCd, and unclassified lowland.

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

Ownership is mostly contiguous in the compartment. Private holdings, mostly hunting camps, are scattered through out the compartment. Residential areas lie to the east and access is along Windy Ridge Trail.

Unique Natural Features:

None known or reported.

Archeological, Historical, and Cultural Features:

No known sites exist. Contact the state historical preservation office for more information or reporting of new sites.

Special Management Designations or Considerations:

None.

Watershed and Fisheries Considerations:

A segment of the Thunderbay River lies within section 22 and a small creek crosses Voyer lake road.

Wildlife Habitat Considerations:

Mineral Resource and Development Concerns and/or Restrictions

Gravel pits are not located in the area, but there may be some sand & gravel potential within the compartment. Glacial drift is too thick in this area for bedrock non-metallic mineral potential. There is no known oil and gas potential in this area. The Antrim Shale is too thin or absent here. There are no active mineral leases in the area. There is no known metallic mineral potential in this part of the state.

Vehicle Access:

County Road 628 and Voyer Lake Rd access the bulk of the compartment. The northern-most parcels are accessed through a forest trail off Werner Rd.

Survey Needs:

N1/2 of N1/2 of Section 22.

Recreational Facilities and Opportunities:

Atlanta ORV Trail lies along the south edge of section 34.

Fire Protection:

Fire response to the compartment will be covered by the Atlanta DNR office as well as the Hillman Fire Department.

Additional Compartment Information:

The following reports from the Inventory are attached:

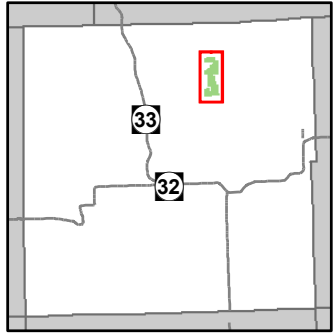
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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

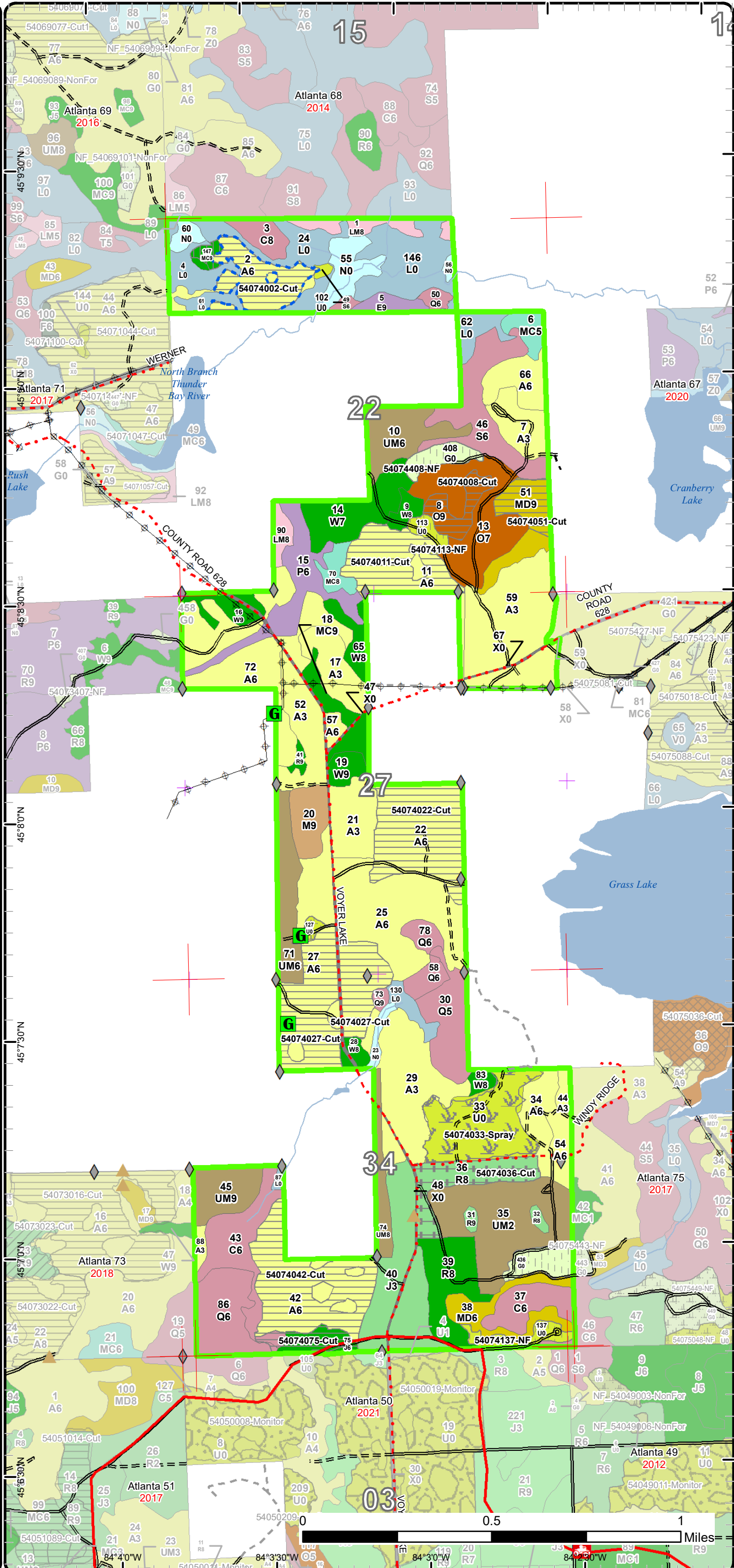
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

Cover Type & Treatments Map

Compartment: 74
 T32N, R03E, Sec. 22, 27, 34
 County: Montmorency
 Unit: Atlanta
 Mgmt Area: Thunder Bay
 Outwash
 YOE: 2020
 Acres: 1,108 GIS Calculated
 Examiner: Darrick Coy
 Map Revised: 10/3/2018
 Map Phase: Post-Review



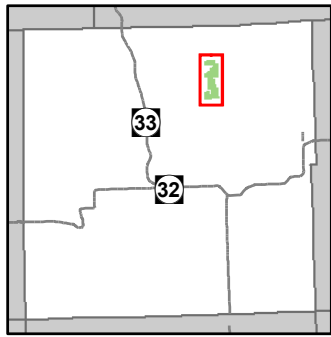
- Miris Corners
- Remonumented Section Corners
- Field Grade Corners
- Counties
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State - Dirt / Gravel Road
- County - Gravel Road
- Private - Dirt / Gravel Road
- ORV Trails
- Designated ATV Trails
- Lake/Pond
- Perennial River
- Lakes and Rivers All
- Berms
- Gate
- Powerline
- Compartment Boundary
- Treatments with Site Conditions
- Other Treatment - See Comments
- Clearcut (w/Reserves)
- Harvest, Overstory Removal
- Pesticide
- Shelter Wood (w/Reserves)
- Opening Maintenance
- 411 - Northern Hardwood
- 412 - Oak Types
- 413 - Aspen Types
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 422 - Natural Pines
- 429 - Mixed Upland Conifers
- 430 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 122 - Roads/Parking Lot
- 310 - Herbaceous Openland
- 330 - Low Density Trees
- 622 - Lowland Shrub
- 623 - Emergent Wetland
- Lakes



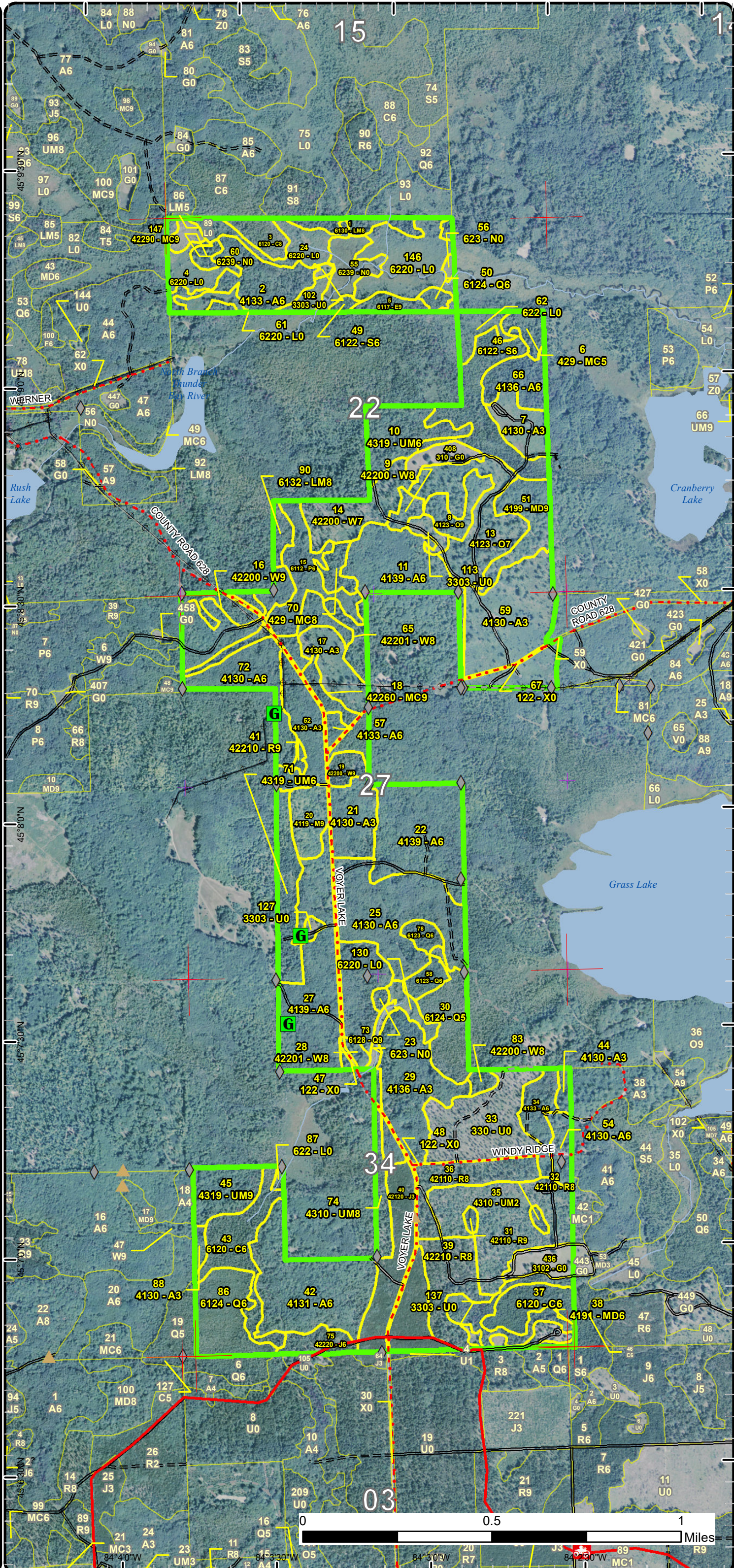
84°30'W 84°30'W 84°30'W 84°30'W

Stand Boundary Map

Compartment: 74
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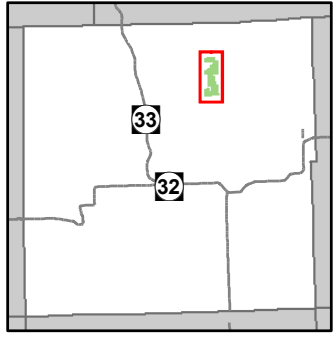


- Miris Corners
- + Remonumented Section Corners
- ◆ Field Grade Corners
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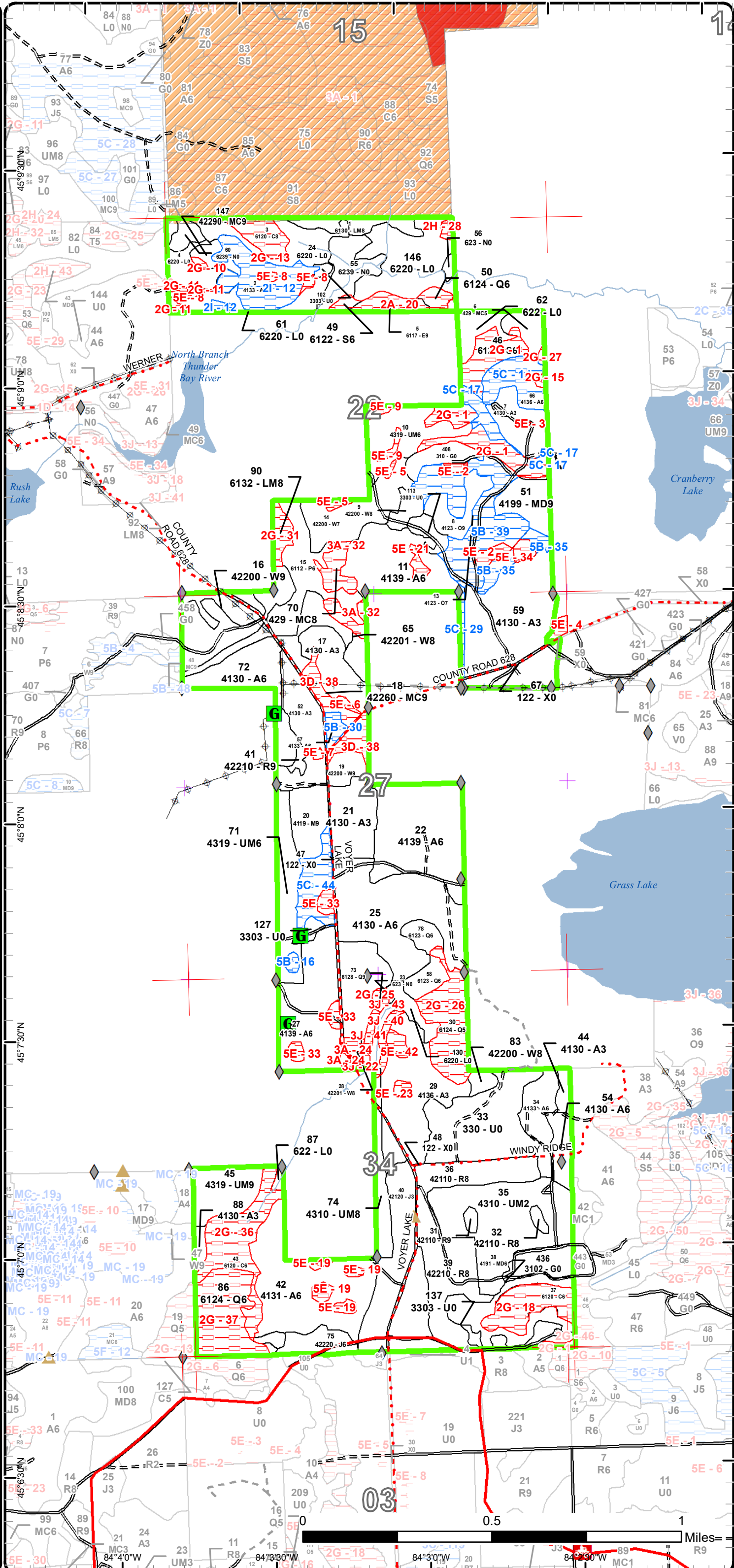


Special Conservation Areas & Site Conditions Map

Compartment: 74
 T32N, R03E, Sec. 22, 27, 34
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- Lakes and Rivers All
- ▲ Berms
- G Gate
- Powerline
- Compartment Boundary
- Available w/ Constraints
- Unavailable
- 2I: Survey needed
- 5B: Maintain for regeneration purposes
- 5C: Delay treatment for age/size class diversity or exceptional site quality
- 2A: Adjacent landowner denied access
- 2G: Too wet (sensitive soils, does not include access issues)
- 2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)
- 3A: Conservation Values incompatible with harvest at this time
- 3D: Recreational / Scenic values
- 3J: Water quality / BMPs (stream, river, or lake)
- 5E: Long-Term Retention
- Stand Boundaries
- Ecological Reference Areas
- Eastern Massasauga Managed Land



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	90	3	0	104	183	80	0	0	0	0	0	0	0	0	0	0	0	460
Cedar	0	0	0	0	0	0	0	0	0	35	0	0	0	7	0	0	0	0	42
Herbaceous Openland	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15
Jack Pine	0	0	0	36	0	0	7	0	0	0	0	0	0	0	0	0	0	0	43
Low-Density Trees	45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	45
Lowland Aspen/Balsam Poplar	0	0	0	0	22	0	0	0	0	0	0	0	0	0	0	0	0	0	22
Lowland Conifers	0	0	0	0	0	9	0	2	0	0	18	23	0	0	0	0	0	0	52
Lowland Deciduous	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	5
Lowland Mixed Forest	0	0	0	0	0	0	0	0	8	0	0	4	0	0	0	0	0	0	12
Lowland Shrub	68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	68
Lowland Spruce/Fir	0	0	0	0	0	0	0	28	0	0	0	0	0	0	0	0	0	0	28
Marsh	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18
Mixed Upland Deciduous	0	0	0	0	0	0	14	0	0	16	0	0	0	0	0	0	0	0	30
Natural Mixed Pines	0	0	0	0	0	0	0	3	0	0	9	0	0	0	0	0	0	0	12
Northern Hardwood	0	0	0	0	0	0	0	0	0	11	0	0	0	0	0	0	0	0	11
Oak	0	0	0	0	0	0	0	0	0	41	0	0	0	0	0	0	0	0	41
Red Pine	0	0	0	0	0	0	0	21	1	18	0	0	0	0	0	0	0	0	40
Upland Conifers	0	0	0	0	6	0	0	0	0	0	0	0	5	0	0	0	0	0	11
Upland Mixed Forest	0	0	41	0	17	18	0	0	23	0	0	0	0	0	0	0	0	0	99
Urban	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
White Pine	0	0	0	0	0	0	5	0	7	7	7	3	0	20	0	0	0	0	48
Total	155	90	44	36	149	210	106	54	44	93	69	30	5	20	7	0	0	0	1111



Report 2 – Treatment Summary

Atlanta Mgt. Unit

Year of Entry: 2020

Acres of Harvest

Compartment 74

Total Compartment Acres: 1,108

Commercial Harvest - 194
 Harvests with Site Condition - 19
 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	167	0	0	0	0	0	0	0	0	167
Jack Pine	8	0	0	0	0	0	0	0	0	8
Mixed Upland Deciduous	10	0	0	0	0	0	0	0	0	10
Natural Mixed Pines	0	0	0	0	2	0	0	0	0	2
Oak	9	0	0	0	0	0	0	0	0	9
Red Pine	0	0	0	0	0	0	17	0	0	17
Total	194	0	0	0	2	0	17	0	0	213

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	213	0	0	0	0	31	0	0	25	269
Next Step	0	47	8	0	0	17	230	0	0	302
Total	213	47	8	0	0	47	230	0	25	571



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
2	54074002-Cut	19.4	4133 - Aspen, Mixed Pine	Poletimber Well	56	81-110	Harvest	Clearcut with Retention	4133 - Aspen, Mixed Pine	Even-Aged	Draft Field Boundary

Habitat Cut: No**Site Condition: Survey Needed**Prescription -clearcutSpecs: -leave 3-10% retention (already excluded- see site conditions layer)

-protect all trees >26"

-require harvesting outside of Spring to protect surrounding access and lowlands from unnecessary soil damage

-south line needs surveying, if cut

-include grouse timber sale specification per wildlife division

Next Step Monitoring, Natural Regen (Re-Inventory)Treatments:Acceptable Regen: -primarily aspen and/or pine with other deciduous and conifer associates of medium to high stockingOther Comment: -road work needed to SW- holes to fill and reshapingProposed Start Date: 10/1 /2019

8	54074008-Cut	8.6	4123 - Red Oak	Sawtimber Well	83	81-110	Harvest	Clearcut	4140 - Other Upland Deciduous	Even-Aged	Draft Field Boundary
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Habitat Cut: No**Site Condition:**Prescription -clearcutSpecs: -area retention already excluded within original parent stand 13 that was previously harvested (see site conditions layer)Next Step Monitoring, Natural Regen (Re-Inventory)Treatments:Acceptable Regen: -primarily a combination of red maple, oak, and/or aspen with other deciduous and conifer associates of medium to high stockingOther Comment:Other Comment:Other Comment:Proposed Start Date: 10/1 /2019

11	54074011-Cut	24.4	4139 - Aspen, Mixed Deciduous	Poletimber Well	48	81-110	Harvest	Clearcut with Retention	4130 - Aspen	Even-Aged	Draft Field Boundary
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Habitat Cut: No**Site Condition:**Prescription -clearcutSpecs: -leave area retention around area heavy to xll wp (already excluded- see site conditions layer)

-protect any trees found over 26" with leave tree paint

-include grouse timber sale specification per wildlife division

Next Step Monitoring, Natural Regen (Re-Inventory)Treatments:Acceptable Regen: -primarily aspen with other deciduous and conifer associates of medium to high stockingOther Comment:Other Comment: -survey corners were found during inventory, will not need a surveyOther Comment:Proposed Start Date: 10/1 /2019



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
22	54074022-Cut	38.6	4139 - Aspen, Mixed Deciduous	Poletimber Well	48	81-110	Harvest	Clearcut with Retention	4130 - Aspen	Even-Aged	Draft Field Boundary

Habitat Cut: No**Site Condition:**Prescription -clearcut

Specs:
 -leave all wp not to exceed 10 BA
 -leave 3-10% in area retention around areas of significant mast oak (most are to the north)
 -protect any trees found over 26" with leave tree paint, if present
 -include grouse timber sale specification per wildlife division

Next Step Monitoring, Natural Regen (Re-Inventory)Treatments:Acceptable Regen: -primarily aspen with other deciduous and conifer associates of medium to high stockingOther

-survey corners were found during inventory, will not need a survey

Comment:Proposed Start Date: 10/1 /2019

27	54074027-Cut	45.4	4139 - Aspen, Mixed Deciduous	Poletimber Well	47	81-110	Harvest	Clearcut with Retention	4130 - Aspen	Even-Aged	Draft Field Boundary
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Habitat Cut: No**Site Condition:**

Prescription -clearcut-leave 1 wp every 2-3 acres where present-leave 3-10% in area retention around areas of significant mast oak and/or pine, along Voyer Lake Road, and protecting stream to the south (already excluded- see site conditions layer)-protect any trees found over 26" with leave tree paint, if present-include grouse timber sale specification per wildlife division

Next Step Monitoring, Natural Regen (Re-Inventory)Treatments:Acceptable Regen: -primarily aspen with other deciduous and conifer associates of medium to high stockingOther

-most survey corners were found during inventory, check for southeast property line corner (near stream) again during snow-off

Comment:Proposed Start Date: 10/1 /2019

33	54074033-Spray	30.7	330 - Low-Density Trees	Nonstocked			Pesticide	Skidder/Mechanical	42111 - Planted Red Pine, Mixed Deciduous	Even-Aged	Field Boundary
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Habitat Cut: No**Site Condition:**Prescription The year 1 regeneration survey indicated that a release spray was needed.Specs:Next Step SitePrep, Other - SpecifyTreatments:Acceptable Regen: Fully stocked red pineOther

Percent to Treat = 100%

Comment:Proposed Start Date: 4 /1 /2018



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	54074036-Cut	17.0	42110 - Planted Red Pine	Sawtimber Medium	86	51-80	Harvest	Overstory Removal	4191 - Mixed Upland Deciduous with Conifer	Even-Aged	Draft Field Boundary

Habitat Cut: No**Site Condition:**Prescription -overstory removal

Specs:
 -leave 1-2 pine per acre and all trees greater than 26 inches DBH, if present, to seed in any bare areas over time
 -leave 3-10% in area retention in areas heavy to advanced regeneration and minimal overstory
 -protect trees/saplings under 4 inches in DBH
 -green-up concerns will not be an issue with the amount of saplings being left/not cut

Next Step Monitoring, Natural Regen (Re-Inventory)Treatments:Acceptable Regen: -primarily a combination of oak, aspen, maple, and pine of medium to high stockingOtherComment:Proposed Start Date: 10/1 /2019

42	54074042-Cut	39.5	4131 - Aspen, Oak	Polettinber Well	51	81-110	Harvest	Clearcut with Retention	4130 - Aspen	Even-Aged	Draft Field Boundary
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Habitat Cut: No**Site Condition:**Prescription -clearcut

Specs:
 -leave clumps of 3-5 pine every 3-5 acres where present
 -leave 3-10% in area retention around areas of significant mast oak or pine, ensure some aspen is included (already excluded- see site conditions layer)
 -protect any trees found over 26" with leave tree paint
 -protect the Atlanta ORV trail in timber sale specifications
 -include grouse timber sale specification per wildlife division

Next Step Monitoring, Natural Regen (Re-Inventory)Treatments:Acceptable Regen: -primarily aspen with other deciduous and conifer associates of medium to high stockingOtherComment: -flagged and painted survey stake in alder stand to the northComment: -corners were found in stand 87 and 40, revisit the west corner location for the E-W property lineProposed Start Date: 10/1 /2019

51	54074051-Cut	9.8	4199 - Other Mixed Upland Deciduous	Sawtimber Well	85	81-110	Harvest	Clearcut	4139 - Aspen, Mixed Deciduous	Even-Aged	Draft Field Boundary
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Habitat Cut: No**Site Condition:**Prescription -clearcutSpecs: -area retention already excluded outside of the treated area (see site conditions layer)Next Step Monitoring, Natural Regen (Re-Inventory)Treatments:Acceptable Regen: -primarily a combination of aspen, oak, and/or red maple with other deciduous and conifer associates of medium to high stockingOtherComment: -use survey corner(s) and cut to the south to run line along privateComment:Proposed Start Date: 10/1 /2019



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
75	54074075-Cut	8.3	42220 - Natural Jack Pine	Poletimber Well	51	51-80	Harvest	Clearcut	42221 - Natural Jack Pine, Mixed Deciduous	Even-Aged	Draft Field Boundary

Habitat Cut: No**Site Condition:**Prescription -clearcut

Specs:
 -no area retention due to small stand size
 -survey regeneration early in 2-3 years
 -with snow off and unfrozen ground, require grapple skidding of tops or whole trees to help scarify the site for natural pine regeneration
 -protect the Atlanta ORV trail in timber sale specifications

Next Step Monitoring, Natural Regen (Intermediate); Pesticide, Skidder/Mechanical; SitePrep, Trenching; Planting, Initial Plant; Monitoring, Artificial
Treatments: Regen(1yr); Pesticide, Aerial; Monitoring, Artificial Regen(3yr); SitePrep, Roller Chopping

Acceptable -primarily a combination of pine, fir, spruce, and other deciduous species of low to high stocking
Regen:

-a deciduous alternative cover type is also acceptable

-if stocking is not at least low, plant to jack or red pine per TMS

OtherComment:

Proposed Start Date: 10/1 /2019

113	54074113-NF	3.6	3303 - Mixed Low Density Trees	Nonstocked		Unspec ified	NonForestMgt	Herbaceous/Crop /Grass Planting	310 - Herbaceous Openland		Draft Field Boundary
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Habitat Cut: No**Site Condition:**

Prescription Opening will be maintained on an ongoing rotational basis to produce wildlife forage through burning, mowing, planting, or other agriculture
Specs: practices

Next Step
Treatments:

Acceptable
Regen:

OtherComment:

Proposed Start Date: 10/1 /2019

127	54074127-NF	1.6	3303 - Mixed Low Density Trees	Nonstocked			NonForestMgt	Fruit Tree/Shrub Planting	320 - Upland Shrub		Draft Field Boundary
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Habitat Cut: No**Site Condition:**

Prescription Opening will be maintained on an ongoing rotational basis to produce wildlife forage through burning, mowing, planting, or other agriculture
Specs: practices

Next Step
Treatments:

Acceptable
Regen:

OtherComment:

Proposed Start Date: 10/1 /2019



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
137	54074137-NF	5.4	3303 - Mixed Low Density Trees	Nonstocked			NonForestMgt	Herbaceous/Crop /Grass Planting	310 - Herbaceous Openland		Draft Field Boundary

Habitat Cut: No**Site Condition:**

Prescription Opening will be maintained on an ongoing rotational basis to produce wildlife forage through burning, mowing, planting, or other agriculture practices

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other

Comment:

Proposed Start Date: 10/1 /2019

147	54074147-Cut	2.2	42290 - Natural Mixed Pine	Sawtimber Well	63	81-110	Harvest	Shelterwood with Retention	42260 - Natural Pine, Mixed Deciduous	Two-Aged	Draft Field Boundary
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Habitat Cut: No**Site Condition:**

Prescription -leave 30-40 BA of red and white pine where present

Specs: -area to the southwest that is too wet to harvest will serve as area retention

-do not cut any aspen to keep regenerating pine from immediately being over-topped/ shaded/suppressed

-protect trees over 26"

Next Step

Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable -any combination of pine, spruce, fir, maple, aspen, and oak of low to high stocking

Regen:

Other

Comment:

Proposed Start Date: 10/1 /2019

408	54074408-NF	6.4	310 - Herbaceous Openland	Nonstocked			Unspec ified	NonForestMgt	Herbaceous/Crop /Grass Planting	310 - Herbaceous Openland	Draft Field Boundary
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Habitat Cut: No**Site Condition:**

Prescription Opening will be maintained on an ongoing rotational basis to produce wildlife forage through burning, mowing, planting, or other agriculture practices

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other

Comment:

Proposed Start Date: 10/1 /2019

436	54074436-NF	8.4	3102 - Grass	Nonstocked			Unspec ified	NonForestMgt	Herbaceous/Crop /Grass Planting	310 - Herbaceous Openland	Draft Field Boundary
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Habitat Cut: No**Site Condition:**

Prescription Opening will be maintained on an ongoing rotational basis to produce wildlife forage through burning, mowing, planting, or other agriculture practices

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other

Comment:

Proposed Start Date: 10/1 /2019



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Approval Status
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Total Treatment Acreage Proposed: 269.3

Report 4 – Site Conditions

Atlanta Mgt. Unit
Darrick Coy : Examiner

Compartment: 74
Year of Entry: 2020

Availability for Management

Total Acres	Acres Available	Acres Avail		Dominant Site Conditions	Dominant Site Conditions									
		With Condition	Not Available		2I	5B	5C	2A	2G	2H	3A	3D	3J	5E
460	317	44	98	Aspen	19	2	22		3		0		4	92
42	1	0	40	Cedar					40					
15	15	0	0	Herbaceous Openland										
43	43	0	0	Jack Pine										
44	44	0	0	Low-Density Trees										
22	22	0	0	Lowland Aspen/Balsam Poplar										
52	9	0	43	Lowland Conifers				2	40				1	
5	0	0	5	Lowland Deciduous				5						
12	7	0	5	Lowland Mixed Forest					4	1				
68	68	0	0	Lowland Shrub	0				0				0	
28	0	4	24	Lowland Spruce/Fir			4	1	22					0
18	18	0	0	Marsh									0	
30	10	5	15	Mixed Upland Deciduous		5			14					2
12	2	0	10	Natural Mixed Pines					1			9		
11	11	0	0	Northern Hardwood										
40	9	29	3	Oak		29								3
41	40	0	1	Red Pine										1
11	0	0	11	Upland Conifers					0		5			6
99	96	1	2	Upland Mixed Forest		1							0	2
9	9	0	0	Urban										
47	21	0	26	White Pine							6		1	19
1,108	742	82	284	Total Forested Acres	19	36	26	9	123	1	11	9	5	125
	67%	7%	26%	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	2G: Too wet (sensitive soils, does not include access issues)	22	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

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2	Unavailable	5E: Long-Term Retention	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments: area retention for stands 8, 9, and 13							
3	Unavailable	5E: Long-Term Retention	0	Unspecified	Unspecified	Unspecified	Unspecified
Comments: area retention for stand 7							
4	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments: area retention for stand 12							
5	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments: area retention for stand 14							
6	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments: area retention for stand 17							
7	Unavailable	5E: Long-Term Retention	0	Unspecified	Unspecified	Unspecified	Unspecified
Comments: area retention for stand 52							
8	Unavailable	5E: Long-Term Retention	1	3J: Water quality / BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
Comments: -area retention for stand 2							
9	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

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10	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	1	5A: Not able to obtain desirable regeneration	Unspecified	Unspecified	Unspecified
Comments:							
11	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	2	5E: Long-Term Retention	Unspecified	Unspecified	Unspecified
Comments:							
12	Available	2I: Survey needed	19	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
13	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	7	3J: Water quality / BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
Comments: -3-4ft wide stream/tributary bisects stand							
14	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	11	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
15	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

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16	Available	5B: Maintain for regeneration purposes	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments: -poor quality pocket of multi-forked wp of poor timber value, likely past weevil dmg							
17	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
18	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	14	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
19	Unavailable	5E: Long-Term Retention	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments: -area retention for stand 42							
20	Unavailable	2A: Adjacent landowner denied access	9	3J: Water quality / BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
Comments:							
21	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments: -area retention for stand 11							

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22	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	1	3A: Conservation Values incompatible with harvest at this time	Unspecified	Unspecified	Unspecified
Comments:							
23	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments: -good spot for future retention to protect large bole rp trees							
24	Unavailable	3A: Conservation Values incompatible with harvest at this time	3	3G: Other Influence zones - See comments	Unspecified	Unspecified	Unspecified
Comments: -older xll wp stand which is rarely found within the surrounding compartments-visually important and borders stream							
25	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
26	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	18	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
27	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

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28	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
29	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
30	Available	5B: Maintain for regeneration purposes	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments: -wp coming in well under aspen							
31	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
32	Unavailable	3A: Conservation Values incompatible with harvest at this time	9	Unspecified	Unspecified	Unspecified	Unspecified
Comments: -significantly older pocket of xll rp and wp along lowland; healthy transitional cedar; many potential legacy pines in stand and rarer components of upland cedar; overall this is still not considered an old growth forest							
33	Unavailable	5E: Long-Term Retention	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments: -area retention for stand 27							

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34	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments: -area retention for stand 51							
35	Available	5B: Maintain for regeneration purposes	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments: -large crowned oak, semi-open canopy, moderate amount of wp coming in							
36	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	20	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
37	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	21	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
38	Unavailable	3D: Recreational / Scenic values	9	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
39	Available	5B: Maintain for regeneration purposes	29	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

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Year of Entry: 2020

40	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	3	5E: Long-Term Retention	Unspecified	Unspecified	Unspecified
Comments:							
41	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	2	5E: Long-Term Retention	Unspecified	Unspecified	Unspecified
Comments:							
42	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments: -good spot for future retention to protect good mast oak trees							
43	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	1	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments:							
44	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	10	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
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Comments

Mgt. Unit

Compartment:

Year of Entry



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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Atlanta Mgt. Unit

Report 7 – Forested Stands

Compartment: 74
Year of Entry: 2020

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
1	6130 - Fir, Aspen, Maple	Sawtimber Medium	7.7	72	81-110	-larger crowned rm; some aspen falling out already
2	4133 - Aspen, Mixed Pine	Poletimber Well	22.5	56	81-110	-BEAVER ACTIVITY. Mostly poor quality quaking aspen, access is through an L-type, tag alder on both sides of trail
3	6120 - Lowland Cedar	Sawtimber Medium	6.8	133	51-80	-cored similar age; scattered blowdown; wetter towards east half with more blowdown and weak crowned cedar; small stream bisects stand heading nw-se
5	6117 - Lowland Deciduous, Mixed Coniferous	Sawtimber Well	4.8	76	81-110	
6	429 - Mixed Upland Conifers	Poletimber Medium	5.6	34	51-80	-past treatment- clearcut- cut all aspen, mhwd, and mswd- cutting restriction 11/1-3/31 only -acres treated- 39 (in part- stands 1 and 6) -completion date- 12-14-82 -sale number- 57-80a -leave trees- all other species -volume (cds)- 97 aspen, 60 mhwd, and 66 mswd (in part- stands 1 and 6)
7	4130 - Aspen	Sapling Well	11.9	5	Immature	-past treatment- clearcut-acres treated- 12-completion date- 10/15/12-sale number- 54-024-10-01-leave trees- none-cut volume (cds)- 4 rp, 37 rm, 25 bf, 16 wp, 3 mo, 187 aspen
8	4123 - Red Oak	Sawtimber Well	8.6	83	81-110	-past treatment- clearcut -acres treated- 37 -completion date- 10/15/12 -sale number- 54-024-10-01 -leave trees- all pine and oak -cut volume (cds)- 129 rm, 10 bf, 401 ma
9	42200 - Natural White Pine	Sawtimber Medium	3.7	72	51-80	-past treatment- clearcut-acres treated- 37-completion date- 10/15/12-sale number- 54-024-10-01-leave trees- all pine and oak-cut volume (cds)- 129 rm, 10 bf, 401 ma (in part- stands 8, 9, and 13)
10	4319 - Mixed Upland Forest	Poletimber Well	18.1	48	81-110	-appears that past cut left all wp and rp; legacy wp scattered throughout and heavier to north; mixed ages in the overstory pine
11	4139 - Aspen, Mixed Deciduous	Poletimber Well	28.0	48	81-110	-scattered xll oak and pine scattered throughout; heavier to wp to east
13	4123 - Red Oak	Sawtimber Poor	31.5	83	1-50	-past treatment- clearcut -acres treated- 37, timber trespass to east, adding an additional 8 acres was enforced and documented -completion date- 10/15/12 -sale number- 54-024-10-01 -leave trees- all pine and oak -cut volume (cds)- 129 rm, 10 bf, 401 ma (in part- stands 8, 9, and 13)



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
14	42200 - Natural White Pine	Sawtimber Poor	19.5	128	1-50	-ALL OTHER SPP. WERE REMOVED IN 1982-past treatment- shelterwood-acres treated- 16-completion date- 04/16/12-sale number- 54-034-11-01-leave trees- all yellow trees, 30 ba (5 ba rp, 20 ba wp, 5 ba ro)-cut volume (cds)- 60 mhwd, 16 ro, 250 wp, 21 rp, aspen 54, 30 mswd-areas heavy in wp overstory have most rm and rubus with some <3ft tall wp
15	6112 - Lowland Aspen	Poletimber Well	21.9	36	51-80	-past treatment- clearcut- cut all aspen, jp, spruce, bf, cedar, and mhwd- no cedar along voyer lake rd- cut all rp and wp with yellow paint-acres treated- 80 (in part- stands 15 and 72)- completion date- 6-30-82-sale number- 42-80a-leave trees- all oak, and unmarked rp and wp-volume (cds)- 510 aspen, 200 mhwd, 45 bf, 30 jp, 102 mswd (in part- stands 72 and 15)
16	42200 - Natural White Pine	Sawtimber Well	6.9	95	111-140	-healthy wp stand, bta falling out; west 1/4 of stand was cut through; maintain for visual
17	4130 - Aspen	Sapling Well	13.8	6	Immature	
18	42260 - Natural Pine, Mixed Deciduous	Sawtimber Well	9.4	90	111-140	-wp filling in under aspen well; more rp in n 1/2 and more wp in the s 1/2; rm and aspen were cut out 55 years ago, smaller and younger
19	42200 - Natural White Pine	Sawtimber Well	4.8	55	111-140	-poor timber value; pockets over 200 ba with more open areas; 1/5th or less live crown is common; looks like some larger wolfy white pines regenerated this area
20	4119 - Mixed Northern Hardwoods	Sawtimber Well	10.7	83	81-110	-completed qd and updated stand info, see compartment folder -most of maple are small poles -BA 105 -some beech in this stand but many of them are hollow and/or wildlife trees -northern hardwood stand that is fairly uncommon for this area
21	4130 - Aspen	Sapling Well	15.4	34	1-50	-past treatment- clearcut- cut all aspen and white birch- completion date- 4-17-84-sale number- 43-80a-leave trees- all other species
22	4139 - Aspen, Mixed Deciduous	Poletimber Well	38.6	48	81-110	-some older oak that wasn't previously harvested; some adv wp under aspen
25	4130 - Aspen	Poletimber Well	44.6	40	51-80	
27	4139 - Aspen, Mixed Deciduous	Poletimber Well	61.0	47	81-110	-oak and wp were left from past cut
28	42201 - Natural White Pine, Mixed Deciduous	Sawtimber Medium	3.1	107	51-80	-old xll wp stand bordering stream, bmp and visual concerns



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
29	4136 - Aspen, Mixed Conifer	Sapling Well	34.3	37	51-80	-N1/2 was cut 33 years ago and S1/2 was cut 40 years ago- averaged ages to 36 years and merged as one stand-past treatment- clearcut- cut all aspen, mhwd, and mswd (N1/2 only)-completion date- 4-17-84-sale number- 43-80a-leave trees- all other species-past treatment- clearcut- cut all jp, aspen, rm , birch, bf, and bs (S 1/2 only)-completion date- 8/27/76-sale number- 153-74a-leave trees- all oak and rp
30	6124 - Lowland Spruce- Fir	Poletimber Medium	18.1	93	51-80	West branch of Grass Creek; younger fir with older weak cedar in north 1/3rd; middle contains significantly more alder with standing water and more small saplings; south 1/3rd is mixed with equal cedar to black spruce pole/logs, less standing water ; weak cedar crowns throughout; spruce are healthier than cedar, fuller crowns; south 1/3rd easiest to walk through; full ground feather moss and hummock
31	42110 - Planted Red Pine	Sawtimber Well	1.3	78	111-140	some oak seedlings. Not burned. Area east of NS trail thicker with jack pine and oak.
32	42110 - Planted Red Pine	Sawtimber Medium	1.3	86	51-80	Forester review for burning after cutting. Cut 2001. J2/O2. With several pockets of R-7. Some oak seedlings. Not burned. Area east of NS trail thicker with jack pine and oak. -planting record from 1941
34	4133 - Aspen, Mixed Pine	Poletimber Well	11.1	47	81-110	
35	4310 - Pine, Oak Mix	Sapling Medium	41.3	17	1-50	Forester review for burning after cutting. Cut 2001. J2/O2. With several pockets of R-7. Some oak seedlings. Not burned. Area east of NS trail thicker with jack pine and oak. -past treatment- clearcut -treated acres- 37 -completion date- 1-7-02 -sale number- 54-022-00-01 -leave trees- none, except pockets -cut volume (cds)- 420 rp, 246 jp, 48 mo, 5 rm
36	42110 - Planted Red Pine	Sawtimber Medium	17.0	86	51-80	-Cut 2001. North 2-4 chains R-7/O3, some R7 scattered in pockets, the rest is J2/O2. -planting record from 1941 according to cored trees is significantly off -past treatment- thin -treated acres- 20 -completion date- 1-7-02 s-sale number- 54-022-00-01 -leave trees- all oak and rp -cut volume (cds)- 3 rm and 172 jp
37	6120 - Lowland Cedar	Poletimber Well	13.6	91	171-200	
38	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	13.7	51	81-110	-transitional stand, very mixed, aspen to nw, rm to e, jp and spruce to s; wettest conditions in middle to the east where rm dominates; aspen to nw are 41 rm is 61, took the average



Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
42210 - Natural Red Pine	Sawtimber Medium	20.3	68	81-110	-rather open canopy, jp smaller and younger -cored 68 year average from 2 trees -planting record of 1941 making it 86 years old, seems significantly off -red pine looks to be of natural origin on ground and off 1998 imagery
42120 - Planted Jack Pine	Sapling Well	35.7	27	1-50	-planted at 1150 containerized jp trees/acre, jd 740 skidder trench
42210 - Natural Red Pine	Sawtimber Well	1.3	62	81-110	-was part of a clearcut but due to the amount of rp and wp this is now a thinned pine stand-past treatment- thinning-acres treated- 1.6-completion date- 05/27/15-sale number- 54-036-11-01-leave trees- all wp , rp, and oak
4131 - Aspen, Oak	Poletimber Well	43.4	51	81-110	-pine and oak appear to have been previously left
6120 - Lowland Cedar	Poletimber Well	21.4	95	111-140	
4130 - Aspen	Sapling Well	2.6	15	1-50	-was cut with stand to east
4319 - Mixed Upland Forest	Sawtimber Well	14.1	78	81-110	-access is through compartment 73; east 1/3rd is wet; left all pine and oak in last harvest
6122 - Black Spruce	Poletimber Well	26.4	66	81-110	-legacy pines in pockets of higher ground in middle of stand
6122 - Black Spruce	Poletimber Well	1.4	68	51-80	
6124 - Lowland Spruce-Fir	Poletimber Well	2.4	68	51-80	
4199 - Other Mixed Upland Deciduous	Sawtimber Well	15.8	85	81-110	-large log mast oak with adv wp below in south portions of stand (50-80 BA)-high density pole aspen to north (80-110)-high density log oak in middle (80-110)
4130 - Aspen	Sapling Well	17.1	3	Immature	-past treatment- clearcut -acres treated- 16 -completion date- 05/27/15 -sale number- 54-036-11-01 -leave trees- all wp (16 ba), rp (4 ba), and oak (4 ba) -cut volume (cds)- 281 bta, 8 bf, 23 mhwd
4130 - Aspen	Poletimber Well	6.8	30	1-50	-was cut with stands 41, 42, and 76 to the south and east
4133 - Aspen, Mixed Pine	Poletimber Well	2.3	55	81-110	-wp saps coming in under aspen
6123 - Lowland Fir	Poletimber Well	4.9	40	51-80	wetter; intermittent stream along east edge



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
59	4130 - Aspen	Sapling Well	47.1	6	Immature	-has survey corners, trespass to east in past resolved. -past treatment- clearcut-acres treated- 38-completion date- 03/2/12-sale number- 54-025-10-01-leave trees- all oak, rp, and wp-cut volume (cds)- 61 rm, 744 ma, 24 bf
65	42201 - Natural White Pine, Mixed Deciduous	Sawtimber Medium	6.9	88	81-110	-many scattered potential legacy white pines; younger aspen in north, older in s
66	4136 - Aspen, Mixed Conifer	Poletimber Well	11.6	55	81-110	
70	429 - Mixed Upland Conifers	Sawtimber Medium	5.3	112	81-110	-older than ordinary pocket of xll rp and wp along lowland; healthy transitional cedar along west, north, s edge; many potential legacy pines in stand and rarer components of upland cedar
71	4319 - Mixed Upland Forest	Poletimber Well	16.8	37	51-80	-aspen and maple to north; fir in middle; wet in middle; log wp in south 1/3rd
72	4130 - Aspen	Poletimber Well	45.3	36	51-80	-past treatment- clearcut- cut all aspen, jp, spruce, bf, cedar, and mhwd- no cedar along voyer lake rd- cut all rp and wp with yellow paint-acres treated- 80 (in part- stands 15 and 72)- completion date- 6-30-82-sale number- 42-80a-leave trees- all oak, and unmarked rp and wp-volume (cds)- 510 aspen, 200 mhwd, 45 bf, 30 jp, 102 ms wd (in part- stands 72 and 15)
73	6128 - Lowland Coniferous, Mixed Deciduous	Sawtimber Well	1.3	109	51-80	Wet, West branch of Grass Creek; fair amount of cedar blowdown
74	4310 - Pine, Oak Mix	Sawtimber Medium	8.7	76	1-50	-parts of S 1/2 of this stand was cut shortly after state was cut, oak was left
75	42220 - Natural Jack Pine	Poletimber Well	7.3	51	51-80	
78	6123 - Lowland Fir	Poletimber Well	4.2	40	51-80	
83	42200 - Natural White Pine	Sawtimber Medium	2.5	79	81-110	
86	6124 - Lowland Spruce-Fir	Poletimber Well	21.4	104	81-110	-much smaller dbhs, wetter, and more fir than stand to north; cedar crowns are weaker
88	4130 - Aspen	Sapling Well	2.2	34	51-80	-past treatment- clearcut- cut all aspen, mhwd, and ms wd -completion date- 4-17-84 -sale number- 43-80a -leave trees- all other species
90	6132 - Mixed Lowland Forest with Cedar	Sawtimber Medium	4.0	107	81-110	-difficult to accurately code out covertime; some areas in middle were cut through; larger sized cedar, transitional drainage; areas that are really wet

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Report 7 – Forested Stands

Compartment: 74
Year of Entry: 2020



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
147	42290 - Natural Mixed Pine	Sawtimber Well	2.7	63	81-110	-1 legacy wp in stand



Stand	Cover Type	Acres	Managed Site	General Comments:
4	6220 - Alder/willow	9.2	No	
23	623 - Emergent Wetland	2.7	No	-wetland marsh
24	6220 - Alder/willow	17.1	No	
33	330 - Low-Density Trees	32.8		-past treatment- clearcut-completion date- 11/13/15-sale number- 54-012-14-01-leave trees- none-cut volume (cde)- 1135 rp, 36 rm, 19 bf, 13 wp, 17 jp, 24 mo, 33 bta (merged volume from 2 sales, seed-tree failed)Site was cut and roller chopped 12/2015FTP C54-1075Trenched on 1/7/16Planted on 4/23/16 at 933 RP/ac with MI0320 3-0 stockYear 1 survey on 6/15/17 at 555 RP/ac and 1,893 M/O Competition/ac; rp 1-2 Ft tall;
47	122 - Road/Parking Lot	5.8	No	
48	122 - Road/Parking Lot	2.4	No	
55	6239 - Mixed Emergent Wetland	11.0	No	-marsh with scattered cattails, cool season grasses, and shrubs; beaver activity
56	623 - Emergent Wetland	1.0	No	-likely marsh
60	6239 - Mixed Emergent Wetland	3.2	No	-mostly marsh
61	6220 - Alder/willow	4.0	No	
62	622 - Lowland Shrub	6.7	No	-alder, cattail, beaver, mixed low density lowland trees
67	122 - Road/Parking Lot	0.8	No	
87	622 - Lowland Shrub	0.9	No	
102	3303 - Mixed Low Density Trees	0.9	No	-likely used as a landing from previous cut
113	3303 - Mixed Low Density Trees	3.6	Yes	-Filling in with cherry and other species
127	3303 - Mixed Low Density Trees	1.6	No	-filling in with wp and aspen
130	6220 - Alder/willow	4.5	No	-alder, with scattered conifer trees



Stand	Cover Type	Acres	Managed Site	General Comments:
137	3303 - Mixed Low Density Trees	5.4	No	-SCATTERED JP & HDWD THROUGHOUT--PARTY SPOT AND ORV ABUSE-CLOSE ROAD IN. An RDR exists in this stand.
146	6220 - Alder/willow	25.8	No	
408	310 - Herbaceous Openland	6.4	Yes	-Maintained opening, planted 2007
436	3102 - Grass	8.4	Yes	OPIC - FMD: An RDR exists in this stand.