



# Compartment Review Presentation

Atlanta Forest Management Unit

Compartment 54121

Entry Year 2019

Acreage: 1,619

County Presque Isle

Management Area: Cheboygan Lake Plain

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**Revision Date:** 2017-05-24

**Stand Examiner:** Richard Barber

**Legal Description:**

T33N, R2E, Sec. 19, 20, 29 & 30.

**Identified Planning Goals:**

deer and elk management, trout stream habitat protection, timber management.

**Soil and topography:**

Predicted habitat types are PARVHa, PARVVb, PARVCo and wetlands. Excluding wetlands, the terrain is mostly rolling. Soils range from clayey sand to well drained sands. The water table can be high, and there are many springs and drainages.

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

Ownership is mostly other state land, with scattered hunting forties. A 16 acre Niagaran processing/pumping facility is located ¼ mile to the west.

**Unique Natural Features:**

None reported.

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

None reported.

**Special Management Designations or Considerations:**

None.

**Watershed and Fisheries Considerations:**

Canada Creek is a popular cold water trout stream.

**Wildlife Habitat Considerations:**

This compartment is an excellent opportunity to manage for wildlife. It is part of a multiple compartment, large scale block of public land providing contiguous wildlife pathways that are necessary for many of our large game animals such as black bear. Habitat components of oak, aspen and pine provide food and cover for multiple species at a variety of age classes. We are working to maintain mast producing trees as well as keep a good age rotation of aspen in this compartment with consideration of adjacent compartments. Species which benefit from our management include white-tailed deer, black bear, ruffed grouse, woodcock, and many other game and non-game species.

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

There is no metallic mineral potential in this part of the state. Sand/gravel pits are not located in the area, but there appears to be some good potential. There may be limestone potential beneath the compartment in places where the glacial drift is thin. The compartment is located within the northern Niagaran reef trend. Active production is occurring within the compartment, and there may be potential for additional reef reservoirs to be discovered. Most of the compartment is currently leased for oil and gas exploration and development.

**Vehicle Access:**

Mostly good.

**Survey Needs:**

None noted at this time.

**Recreational Facilities and Opportunities:**

There is an MCCCT, and also the High Country Pathway.

**Fire Protection:**

Fire protection is provided by MDNR and the Onaway Fire Department.

**Additional Compartment Information:**

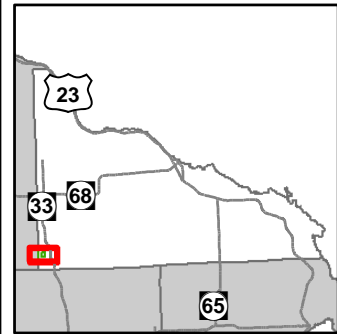
**The following reports from the Inventory are attached:**

- 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:**

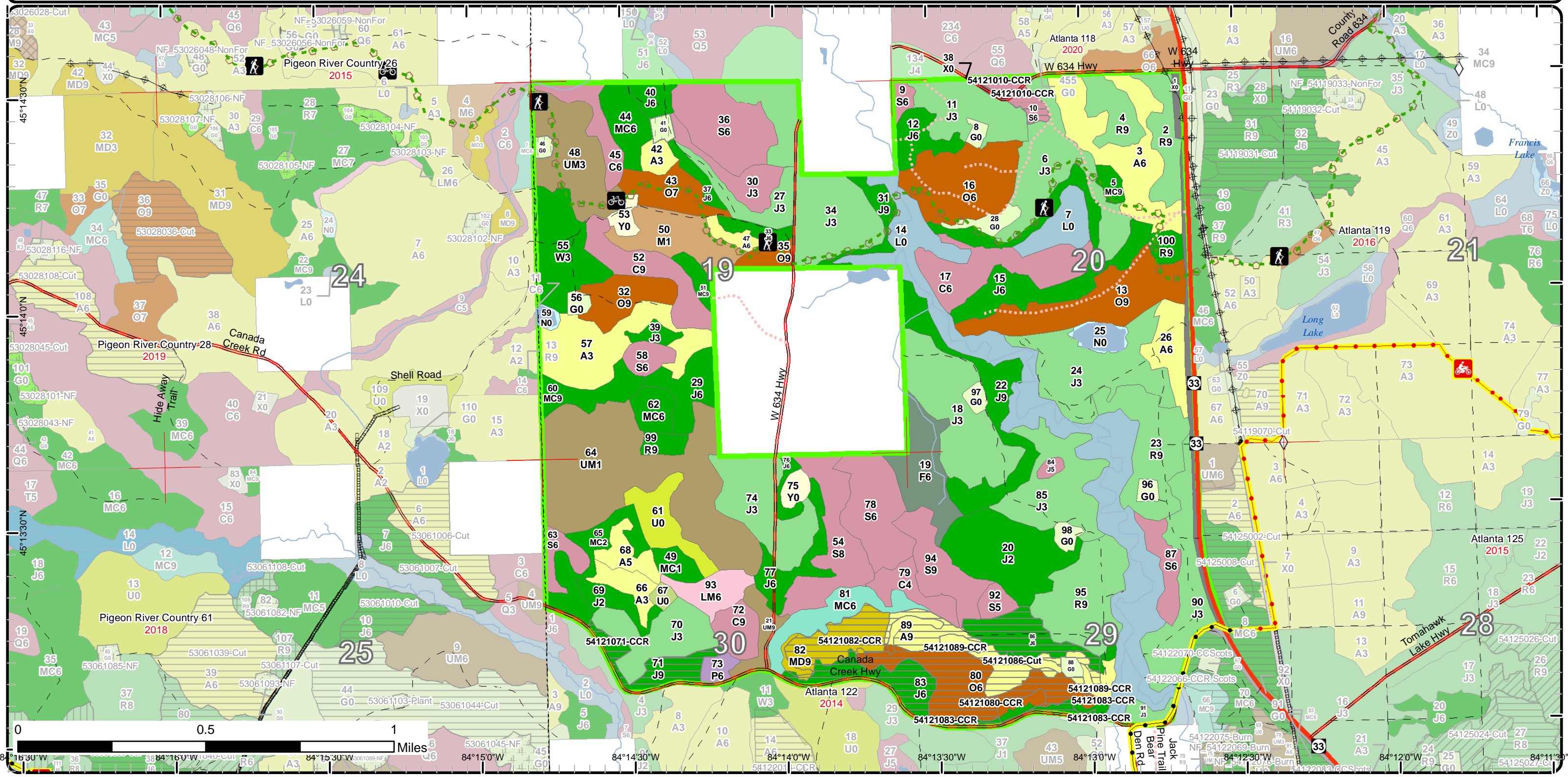
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

# Cover Type & Treatments Map



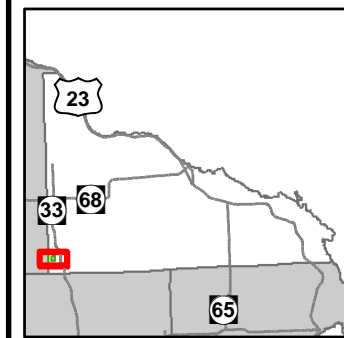
Compartment: 121  
 T33N, R02E, Sec: 19, 20, 29, 30  
 County: Presque Isle  
 Unit: Atlanta  
 Mgmt Area: Cheboygan Lake Plain  
 YOE: 2019  
 Acres: 1619 GIS Calculated  
 Examiner: Richard Barber  
 Map Revised: 10/4/2017  
 Map Phase: Post-Review

- Miris Corners
- Field Grade GPS Corners
- Counties
- Bike Trails
- Hiking Trails
- MCCCT Trails
- Ski Trails
- Designated Hiking Trails
- Designated Bicycle Trails
- Designated Ski Trails
- Designated Snowshoe Trails
- ORV License
- ORV License & Trail Permit
- Michigan Cross Country Cycle Trail (MCCCT)
- Highway
- County Gravel Roads
- Poor Dirt Roads
- Streams
- Lakes and Rivers All
- Pipeline
- Powerline
- Compartment Boundary
- Clearcut (w/Reserves)
- Opening Maintenance
- 411 - Northern Hardwood
- 412 - Oak Types
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 422 - Natural Pines
- 423 - Other Upland Conifers
- 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
- 320 - Upland Shrub
- 330 - Low Density Trees
- 622 - Lowland Shrub
- 623 - Emergent Wetland
- 710 - Sand/Soil
- Lakes



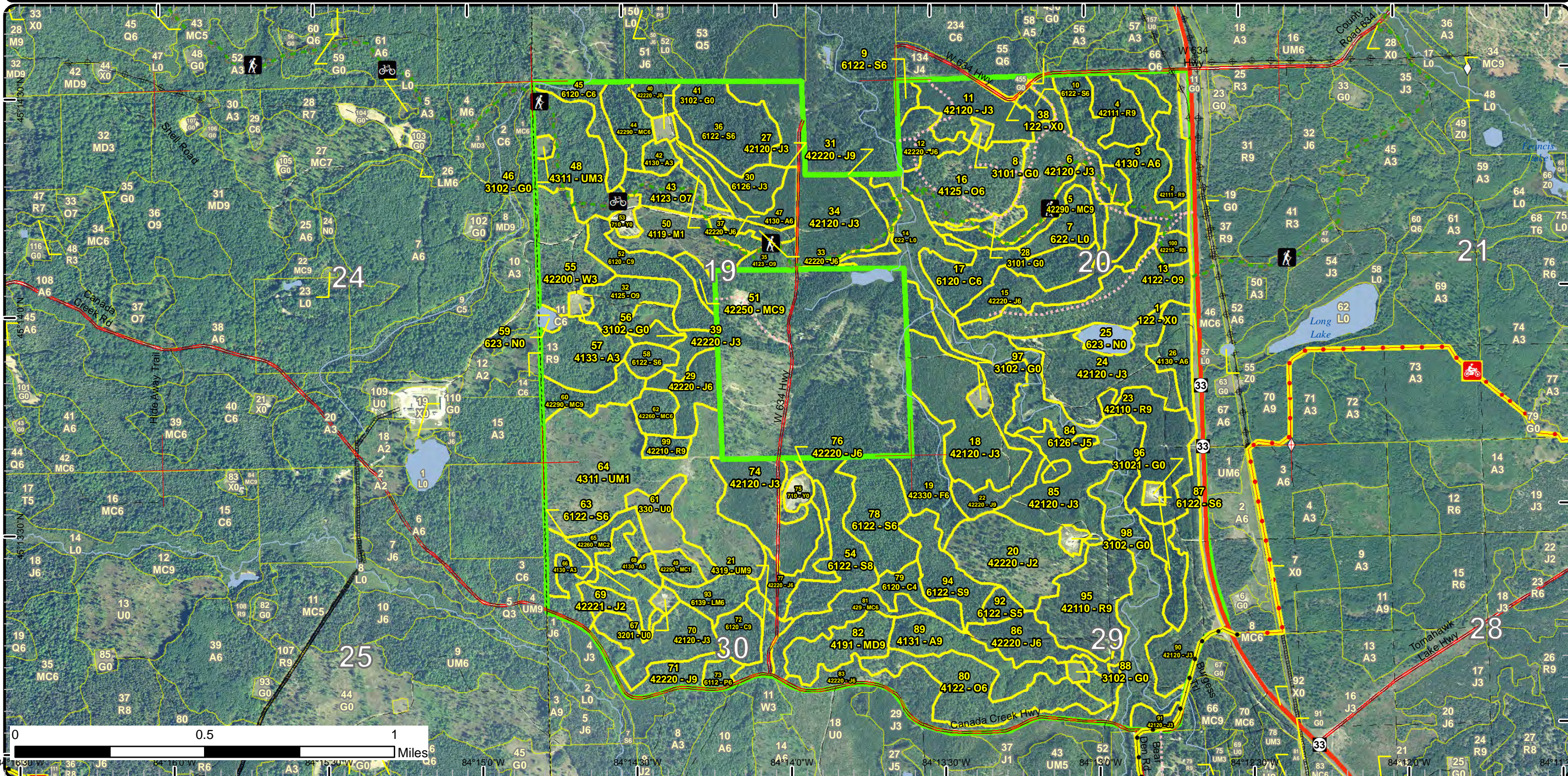
# Stand Boundary Map

Compartment: 121  
 T33N, R02E, Sec: 19, 20, 29, 30  
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 Map Revised: 10/4/2017  
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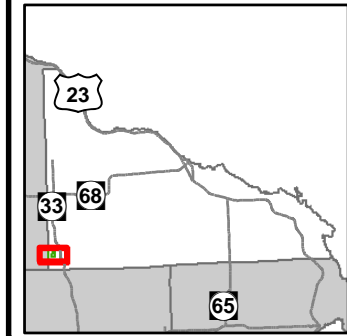
- Miris Corners
- Field Grade GPS Corners
- Counties
- Bike Trails
- Hiking Trails
- MCCCT Trails
- Ski Trails
- Designated Hiking Trails
- Designated Bicycle Trails
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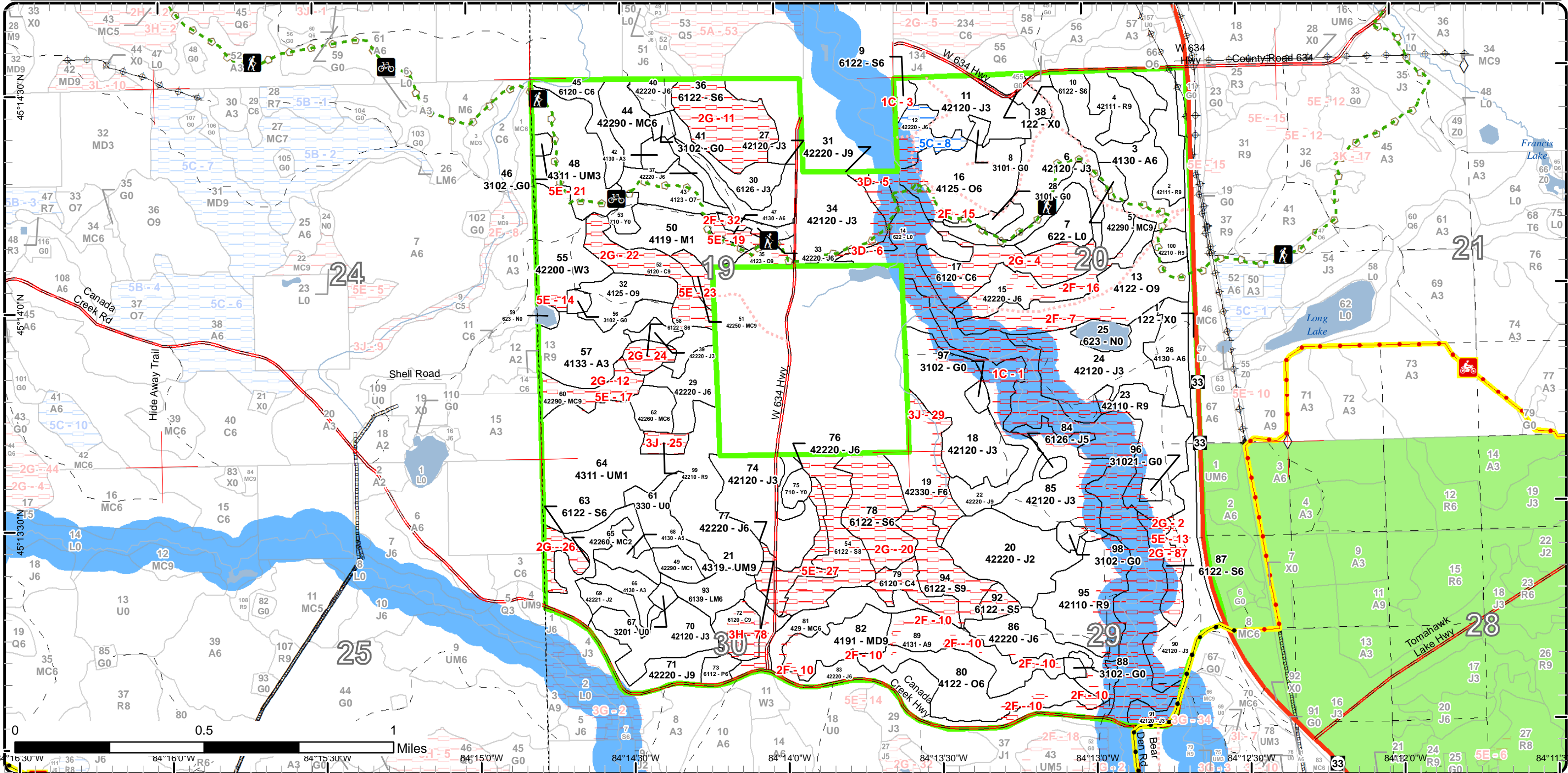


# Special Conservation Areas & Site Conditions Map

Compartment: 121  
 T33N, R02E, Sec: 19, 20, 29, 30  
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 Unit: Atlanta  
 Mgmt Area: Cheboygan Lake Plain  
 YOE: 2019  
 Acres: 1619 GIS Calculated  
 Examiner: Richard Barber  
 Map Revised: 10/4/2017  
 Map Phase: Post-Review



- Miris Corners
- ◇ Field Grade GPS Corners
- ▭ Counties
- 🚲 Bike Trails
- 🚶 Hiking Trails
- 🏂 MCCCT Trails
- 🏂 Ski Trails
- Designated Hiking Trails
- Designated Bicycle Trails
- Designated Ski Trails
- 👢 Designated Snowshoe Trails
- ORV License
- ORV License & Trail Permit
- 🚲 Michigan Cross Country Cycle Trail (MCCCT)
- 🛣 Highway
- County Gravel Roads
- Poor Dirt Roads
- Closed
- Streams
- 🌊 Lakes and Rivers All
- Pipeline
- ⚡ Powerline
- 🟩 Compartment Boundary
- Available w/ Constraints
- Unavailable
- 5C: Delay treatment for age/size class diversity or exceptional site quality
- 1C: Other dept or div proc/practices
- 2F: Too steep
- 2G: Too wet (sensitive soils, does not include access issues)
- 3D: Recreational / Scenic values
- 3J: Water quality / BMPs (stream, river, or lake)
- 5E: Long-Term Retention
- ▭ Stand Boundaries
- 🟩 Kirtland Warbler Habitat
- 🌊 Cold Water Streams
- 🟦 High Priority Trout Stream Buffer



0 0.5 1 Miles  
 84°16'30"W 84°16'0"W 84°15'30"W 84°15'0"W 84°14'30"W 84°14'0"W 84°13'30"W 84°13'0"W 84°12'30"W 84°12'0"W 84°11'30"W

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	4	98	0	0	0	0	28	4	0	0	0	0	0	0	0	0	134
Cedar	0	0	0	0	0	0	0	0	0	0	39	39	0	0	0	0	0	0	76
Herbaceous Openland	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22
Jack Pine	0	35	210	135	5	6	47	34	77	0	0	0	0	0	0	0	0	0	546
Low-Density Trees	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14
Lowland Aspen/Balsam Poplar	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	4
Lowland Mixed Forest	0	0	0	0	0	11	0	0	0	0	0	0	0	0	0	0	0	0	11
Lowland Shrub	108	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	108
Lowland Spruce/Fir	0	0	0	0	0	0	29	4	0	3	95	7	0	0	0	0	0	0	137
Marsh	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
Mixed Upland Deciduous	0	0	0	0	0	0	0	0	18	0	0	0	0	0	0	0	0	0	18
Natural Mixed Pines	0	0	6	17	0	20	0	0	8	0	12	0	0	0	0	0	0	0	63
Northern Hardwood	0	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20
Oak	0	0	0	0	0	0	0	0	133	6	0	0	0	0	0	0	0	0	139
Red Pine	0	0	0	0	0	0	62	0	31	0	4	0	0	0	0	0	0	0	97
Sand, Soil	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
Upland Conifers	0	0	0	0	0	16	0	0	0	0	0	0	0	0	0	0	0	0	16
Upland Mixed Forest	0	87	0	31	0	0	0	0	8	0	0	0	0	0	0	0	0	0	126
Upland Shrub	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Upland Spruce/Fir	0	0	0	0	0	23	0	0	0	0	0	0	0	0	0	0	0	0	23
Urban	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19
White Pine	0	0	0	26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26
<b>Total</b>	<b>182</b>	<b>142</b>	<b>220</b>	<b>307</b>	<b>5</b>	<b>80</b>	<b>138</b>	<b>38</b>	<b>303</b>	<b>13</b>	<b>150</b>	<b>46</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1617</b>



## Report 2 – Treatment Summary

Atlanta Mgt. Unit

Year of Entry: 2019

Acres of Harvest

Compartment 121

Total Compartment Acres: 1,619

Commercial Harvest - 123  
 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	19	0	0	0	0	0	0	0	0	19
Jack Pine	50	0	0	0	0	0	0	0	0	50
Lowland Spruce/Fir	7	0	0	0	0	0	0	0	0	7
Mixed Upland Deciduous	17	0	0	0	0	0	0	0	0	17
Oak	30	0	0	0	0	0	0	0	0	30
<b>Total</b>	<b>123</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>123</b>

### Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	123	0	0	0	0	0	0	4	0	127
Next Step	0	50	50	0	0	50	224	0	0	375
<b>Total</b>	<b>123</b>	<b>50</b>	<b>50</b>	<b>0</b>	<b>0</b>	<b>50</b>	<b>224</b>	<b>0</b>	<b>4</b>	<b>502</b>



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
10	54121010- CCR	6.5	6122 - Black Spruce	Poletimber Well	104	Unspec ified	Harvest	Clearcut with Retention	612 - Lowland Coniferous Forest	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(s) will be determined during sale prep.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable aspen, maple, spruce, fir, birch, jack pine, white pine, or tamarack.

Regen:

Other

Comment:

Proposed Start Date: 10/01/2018

41	54121041-NF	2.4	3102 - Grass	Nonstocked			NonForestMgt	Herbaceous/Crop /Grass Planting	3102 - Grass		Approved Proposal
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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:

Other

Comment:

Proposed Start Date: 10/01/2018

46	54121046-NF	1.8	3102 - Grass	Nonstocked			NonForestMgt	Herbaceous/Crop /Grass Planting	3102 - Grass		Approved Proposal
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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:

Other

Comment:

Proposed Start Date: 10/01/2018

71	54121071- CCR	13.2	42220 - Natural Jack Pine	Sawtimber Well	66		Harvest	Clearcut with Retention	429 - Mixed Upland Conifers	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. Protect white pine protection.

Specs:

Next Step Monitoring, Natural Regen (Intermediate); SitePrep, Trenching; Planting, Initial Plant; Pesticide, Skidder/Mechanical; Monitoring, Artificial

Treatments: Regen(1yr); Monitoring, Artificial Regen(3yr)

Acceptable aspen, maple, spruce, fir, birch, jack pine, red pine, white pine, oak. Plan B: plant jack pine.

Regen:

Other

To encourage survival of regeneration, do not leave scattered oak.

Comment:

Proposed Start Date: 10/01/2018



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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
80 54121080-CCR	30.3	4122 - Oak, Pine	Poletimber Well	77	51-80	Harvest	Clearcut with Retention	4319 - Mixed Upland Forest	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(s) will be determined during sale prep and may be on steep slopes.  
Specs:

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

Acceptable aspen, maple, spruce, fir, birch, jack pine, red pine, white pine, oak.  
Regen:

Other To encourage survival of regeneration, do not leave scattered oak.  
Comment:

Proposed Start Date: 10/01/2018

82 54121082-CCR	16.7	4191 - Mixed Upland Deciduous with Conifer	Sawtimber Well	77	51-80	Harvest	Clearcut with Retention	4199 - Other Mixed Upland Deciduous	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(s) will be determined during sale prep and may be on steep slopes.  
Specs:

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

Acceptable aspen, maple, spruce, fir, birch, jack pine, red pine, white pine, oak.  
Regen:

Other encourage survival of regeneration, do not leave scattered oak.  
Comment:

Proposed Start Date: 10/01/2018

83 54121083-CCR	21.7	42220 - Natural Jack Pine	Poletimber Well	77		Harvest	Clearcut with Retention	4319 - Mixed Upland Forest	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(s) will be determined during sale prep and may be on steep slopes. Require chipping of slash within 3 months.  
Specs:

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

Acceptable aspen, maple, spruce, fir, birch, jack pine, red pine, white pine, oak. Plan B: plant jack pine.  
Regen:

Other  
Comment:

Proposed Start Date: 10/01/2018

86 54121086-Cut	15.5	42220 - Natural Jack Pine	Poletimber Well	58	Unspec ified	Harvest	Clearcut with Retention	4319 - Mixed Upland Forest	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(s) will be determined during sale prep and may be on steep slopes. Require chipping of slash within 3 months.  
Specs:

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

Acceptable aspen, maple, spruce, fir, birch, jack pine, red pine, white pine, oak. Plan B: plant red pine.  
Regen:

Other  
Comment:

Proposed Start Date: 10/01/2018



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
89	54121089- CCR	18.8	4131 - Aspen, Oak	Sawtimber Well	77		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(s) will be determined during sale prep and may be on steep slopes.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable aspen, maple, spruce, fir, birch, jack pine, red pine, white pine, oak.

Regen:

Other To encourage survival of regeneration, do not leave scattered oak. Include Atlanta drumming log spec.

Comment:

Proposed Start Date: 10/01/2018

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**Total Treatment  
Acreage Proposed: 126.9**

## Report 4 – Site Conditions

Atlanta Mgt. Unit  
Richard Barber : Examiner

Compartment: 121  
Year of Entry: 2019

### Availability for Management

Total Acres	Acres Available	Acres Avail With Condition		Acres Not Available	Dominant Site Conditions								
					5C	1C	2F	2G	3D	3H	3J	5E	
133	121	0	12	Aspen		2	10	0					
77	12	0	65	Cedar		5	0	50		9			
22	21	0	1	Herbaceous Openland		0	0						
548	423	7	118	Jack Pine	7	65	35		4	0			14
15	3	0	12	Low-Density Trees									12
4	0	0	4	Lowland Aspen/Balsam Poplar						4			
11	5	0	5	Lowland Mixed Forest						5			
108	18	0	90	Lowland Shrub		89			0				
137	10	0	127	Lowland Spruce/Fir		6		121		0			
8	8	0	0	Marsh									
18	17	0	2	Mixed Upland Deciduous			2						
63	41	0	22	Natural Mixed Pines				7					15
20	19	0	1	Northern Hardwood									1
139	115	0	24	Oak		9	15						
97	76	0	21	Red Pine		17						4	
8	8	0	0	Sand, Soil									
16	15	0	1	Upland Conifers			1						
126	114	0	12	Upland Mixed Forest						4			9
2	2	0	0	Upland Shrub									
23	12	0	11	Upland Spruce/Fir							11		
19	19	0	0	Urban									
26	1	0	25	White Pine									25
1,619	1,060	7	553	Total Forested Acres	7	194	62	178	5	23	15		76
	65%	0%	34%	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	1C: Other dept or div proc/practices	193	3J: Water quality / BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
<b>Comments:</b> Cold water Stream.							

## Report 4 – Site Conditions

Atlanta Mgt. Unit  
Richard Barber : Examiner

Compartment: 121  
Year of Entry: 2019

2	<b>Unavailable</b>	2G: Too wet (sensitive soils, does not include access issues)	0	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
3	<b>Unavailable</b>	1C: Other dept or div proc/practices	0	3J: Water quality / BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
<b>Comments:</b> Cold water Stream.							
4	<b>Unavailable</b>	2G: Too wet (sensitive soils, does not include access issues)	22	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
5	<b>Unavailable</b>	3D: Recreational / Scenic values	2	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
6	<b>Unavailable</b>	3D: Recreational / Scenic values	2	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
7	<b>Unavailable</b>	2F: Too steep	7	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							

## Report 4 – Site Conditions

Atlanta Mgt. Unit  
Richard Barber : Examiner

Compartment: 121  
Year of Entry: 2019

8	<b>Available</b>	<b>5C: Delay treatment for age/size class diversity or exceptional site quality</b>	7	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
10	<b>Unavailable</b>	<b>2F: Too steep</b>	16	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
11	<b>Unavailable</b>	<b>2G: Too wet (sensitive soils, does not include access issues)</b>	29	5A: Not able to obtain desirable regeneration	5F: Evaluated for Forest Health Considerations	Unspecified	Unspecified
<b>Comments:</b> some areas are too wet. Pockets of cedar.							
12	<b>Unavailable</b>	<b>2G: Too wet (sensitive soils, does not include access issues)</b>	7	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
13	<b>Unavailable</b>	<b>5E: Long-Term Retention</b>	1	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
14	<b>Unavailable</b>	<b>5E: Long-Term Retention</b>	2	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
15	<b>Unavailable</b>	<b>2F: Too steep</b>	2	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							

## Report 4 – Site Conditions

Atlanta Mgt. Unit  
Richard Barber : Examiner

Compartment: 121  
Year of Entry: 2019

16	Unavailable	2F: Too steep	7	1C: Other dept or div proc/practices	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
17	Unavailable	5E: Long-Term Retention	5	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
19	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
20	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	85	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
21	Unavailable	5E: Long-Term Retention	0	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
22	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	19	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							

## Report 4 – Site Conditions

Atlanta Mgt. Unit  
Richard Barber : Examiner

Compartment: 121  
Year of Entry: 2019

23	Unavailable	5E: Long-Term Retention	5	2F: Too steep	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
24	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	6	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
25	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	4	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> winding cedar seep.							
26	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	7	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
27	Unavailable	5E: Long-Term Retention	13	3J: Water quality / BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
<b>Comments:</b> This is the part of stand to northwest which was too wet or seep-filled to harvest.							
29	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	11	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> 20-30' wide drainage.							

## Report 4 – Site Conditions

Atlanta Mgt. Unit  
Richard Barber : Examiner

Compartment: 121  
Year of Entry: 2019

32	<b>Unavailable</b>	<b>2F: Too steep</b>	7	3D: Recreational / Scenic values	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
78	<b>Unavailable</b>	<b>3H: Deer Wintering Area - habitat is incompatible with harvest at this time</b>	11	3G: Other Influence zones - See comments	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
87	<b>Unavailable</b>	<b>2G: Too wet (sensitive soils, does not include access issues)</b>	4	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							



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

<b>Conservation Area</b>	<b>Type</b>	<b>Description</b>
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.
HCVA	Designated Critical Habitat	Critical habitat areas are established via a consultative and cooperative process between the DNR and the U.S. Fish and Wildlife service for the recovery of threatened and endangered species, as governed by Part 365, Endangered Species Protection, of the Natural Resources and Environmental Protection Act, 1994 PA 451, and the Federal Endangered Species Act of 1973. This is an active program, with proposed species plans in various stages of review. As of now only two exist, Kirtland Warbler Habitat and Piping Plover Habitat.

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## Atlanta Mgt. Unit

## Report 7 – Forested Stands

Compartment: 121  
Year of Entry: 2019

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
2	42111 - Planted Red Pine, Mixed Deciduous	Sawtimber Well	14.2	77	51-80	ba varies from 20 to 110 failed plantation
3	4130 - Aspen	Poletimber Well	36.1	27	Unspecified	OPIC - FMD: NICE A3, BUT SOME ELK DAMAGE. Release red pine?
4	42111 - Planted Red Pine, Mixed Deciduous	Sawtimber Well	12.4	77	141-170	
5	42290 - Natural Mixed Pine	Sawtimber Well	3.5	77	51-80	A failed red pine plantation. Next time: don,t run furrows up and down slope.
6	42120 - Planted Jack Pine	Sapling Well	34.7	15	Immature	OPIC - FMD: cut 2001. Seeded 10/01.
9	6122 - Black Spruce	Poletimber Well	3.2	80		
10	6122 - Black Spruce	Poletimber Well	6.5	104	Unspecified	
11	42120 - Planted Jack Pine	Sapling Well	23.0	26	Immature	
12	42220 - Natural Jack Pine	Poletimber Well	10.3	72	Unspecified	OPIC - FMD: NICE J3. CLOSED TRAIL.--first three or four berms have been breached.
13	4122 - Oak, Pine	Sawtimber Well	36.6	77	51-80	
15	42220 - Natural Jack Pine	Poletimber Well	33.9	77	Unspecified	very steep
16	4125 - Black, N. Pin Oak	Poletimber Well	33.4	77	51-80	
17	6120 - Lowland Cedar	Poletimber Well	27.1	107		
18	42120 - Planted Jack Pine	Sapling Well	39.8	15		
19	42330 - Upland Fir	Poletimber Well	23.1	46		
20	42220 - Natural Jack Pine	Sapling Medium	35.0	7	Unspecified	
21	4319 - Mixed Upland Forest	Sawtimber Well	8.0	74	81-110	free flowing stream.
22	42220 - Natural Jack Pine	Sawtimber Well	27.5	53	Unspecified	



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
23	42110 - Planted Red Pine	Sawtimber Well	29.1	58	141-170	Possible large foundations Free flowing stream enters stand from culvert under M-33, then dissipates within 30 feet.
24	42120 - Planted Jack Pine	Sapling Well	37.9	17	Immature	OPIC - FMD: Seeding failed, JP planted 5/00. FTP C54-706 Extreme NW corner of stand is staging area for ORV assaults on hill in stand to the north. Evidence of former sheet flow and channel from pond west to Canada Creek. Channel has been partially filled by road building.
26	4130 - Aspen	Poletimber Well	12.8	26		
27	42120 - Planted Jack Pine	Sapling Well	11.5	23	Immature	seeded?
29	42220 - Natural Jack Pine	Poletimber Well	14.0	25	1-50	
30	6126 - Lowland Jack Pine	Sapling Well	11.7	24	Immature	was too wet to trench?
31	42220 - Natural Jack Pine	Sawtimber Well	7.8	67		
32	4125 - Black, N. Pin Oak	Sawtimber Well	14.8	76	51-80	
33	42220 - Natural Jack Pine	Poletimber Well	4.5	74		OPIC - FMD: SCENIC KNOLL WITH HCP TRAVELING THROUGH-KEEP OAK AND PINE.
34	42120 - Planted Jack Pine	Sapling Well	45.1	15	Immature	OPIC - FMD: Cut 2001. Seeded 10/01.
35	4123 - Red Oak	Sawtimber Well	6.0	82	51-80	OPIC - FMD: SCENIC KNOLL WITH HCP TRAVELING THROUGH-KEEP OAK AND PINE.
36	6122 - Black Spruce	Poletimber Well	28.6	56		
37	42220 - Natural Jack Pine	Poletimber Well	4.2	27		
39	42220 - Natural Jack Pine	Sapling Well	3.4	25	Immature	
40	42220 - Natural Jack Pine	Poletimber Well	5.8	44	Unspecified	failed plantation.
42	4130 - Aspen	Sapling Well	4.4	15	Immature	OPIC - FMD: Cut 2002, sale 032-00
43	4123 - Red Oak	Sawtimber Poor	14.2	76	1-50	OPIC - FMD: Cut 2002, sale 032-00. Regen well browsed. HPC. 72 ish rings.

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## Atlanta Mgt. Unit

## Report 7 – Forested Stands

Compartment: 121  
Year of Entry: 2019

	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
44	42290 - Natural Mixed Pine	Poletimber Well	12.6	47	81-110	one or more legacy size white pine. failed pine plantation. cedar, black spruce, red pine, along pond and seep.
45	6120 - Lowland Cedar	Poletimber Well	11.4	101		
47	4130 - Aspen	Poletimber Well	3.6	89		
48	4311 - Pine, Aspen Mix	Sapling Well	31.2	25	Immature	
49	42290 - Natural Mixed Pine	Sapling Poor	5.6	15	Immature	just barely 25 percent. Mostly dead aspen.
50	4119 - Mixed Northern Hardwoods	Sapling Poor	20.3	6	1-50	Stand harvested in 2011. Regen heavily browsed.
51	42250 - Pine, Oak	Sawtimber Well	4.6	73	51-80	steep.
52	6120 - Lowland Cedar	Sawtimber Well	19.0	99		
54	6122 - Black Spruce	Sawtimber Medium	26.7	99	1-50	
55	42200 - Natural White Pine	Sapling Well	26.0	29	1-50	
57	4133 - Aspen, Mixed Pine	Sapling Well	33.2	25	Immature	
58	6122 - Black Spruce	Poletimber Well	5.9	99		very wet.
60	42290 - Natural Mixed Pine	Sawtimber Well	11.9	92	111-140	trough seep, no buffer
62	42260 - Natural Pine, Mixed Deciduous	Poletimber Well	7.7	44	51-80	quite dry. Low end parvha
63	6122 - Black Spruce	Poletimber Well	6.7	90		
64	4311 - Pine, Aspen Mix	Sapling Poor	86.9	6	Immature	Heavy recent browse on aspen. Difficult to judge what percentage will recover.
65	42260 - Natural Pine, Mixed Deciduous	Sapling Medium	16.7	27	Immature	
66	4130 - Aspen	Sapling Well	7.5	27	Immature	

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## Atlanta Mgt. Unit

## Report 7 – Forested Stands

Compartment: 121  
Year of Entry: 2019

Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
4130 - Aspen	Poletimber Medium	7.9	27	1-50	
42221 - Natural Jack Pine, Mixed Deciduous	Sapling Medium	7.4	27	1-50	yes, 27 year old jack pine.
42120 - Planted Jack Pine	Sapling Well	22.9	15	Immature	seeded
42220 - Natural Jack Pine	Sawtimber Well	13.2	66		
6120 - Lowland Cedar	Sawtimber Well	9.5	99		
6112 - Lowland Aspen	Poletimber Well	4.1	47		At least one cedar seep running to
42120 - Planted Jack Pine	Sapling Well	29.8	15	Immature	seeded
42220 - Natural Jack Pine	Poletimber Well	3.3	71		
42220 - Natural Jack Pine	Poletimber Well	12.7	67		sheet flow
6122 - Black Spruce	Poletimber Well	26.3	99		treed bog
6120 - Lowland Cedar	Poletimber Poor	10.0	94	1-50	
4122 - Oak, Pine	Poletimber Well	34.3	77	51-80	
429 - Mixed Upland Conifers	Poletimber Well	15.9	41	51-80	
4191 - Mixed Upland Deciduous with Conifer	Sawtimber Well	18.2	77	51-80	
42220 - Natural Jack Pine	Poletimber Well	24.5	77		
6126 - Lowland Jack Pine	Poletimber Medium	1.8	53		treed bog
42120 - Planted Jack Pine	Sapling Well	30.8	26		
42220 - Natural Jack Pine	Poletimber Well	17.0	58	Unspecified	

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Atlanta Mgt. Unit

## Report 7 – Forested Stands

Compartment: 121  
Year of Entry: 2019

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
87	6122 - Black Spruce	Poletimber Well	9.7	97	51-80	OPIC - FMD: SWAMP ALONG Canada Creek. Retain to maintain water temperature.
89	4131 - Aspen, Oak	Sawtimber Well	27.9	77		
90	42120 - Planted Jack Pine	Sapling Well	29.7	27		:MIXED WITH WILD JACK CHERRY ETC
91	42120 - Planted Jack Pine	Sapling Well	4.5	37		OPIC - FMD: BETWEEN OXBOW AND CANADA CREEK. check planting record.
92	6122 - Black Spruce	Poletimber Medium	4.3	66		
93	6139 - Mixed Lowland Forest	Poletimber Well	11.0	47		big long seeping drainage
94	6122 - Black Spruce	Sawtimber Well	18.9	99		
95	42110 - Planted Red Pine	Sawtimber Well	32.6	58	111-140	ba right around 120
99	42210 - Natural Red Pine	Sawtimber Well	4.2	92	171-200	long winding seep with cedar. multiple legacy white pine.
100	42210 - Natural Red Pine	Sawtimber Well	4.4	77	81-110	



Stand	Cover Type	Acres	Managed Site	General Comments:
1	122 - Road/Parking Lot	17.3	No	M-33 ROW, mostly grass.
7	622 - Lowland Shrub	11.8	No	scattered bam and tamarack
8	3101 - Poverty Grass, Cladonia	1.9	No	
14	622 - Lowland Shrub	96.4	No	
25	623 - Emergent Wetland	6.3	No	OPIC - FMD: MARSH-KEEP ORV'S OUT--MAY BE SINKHOLE WITH DEBRIS FILLING IT IN.
28	3101 - Poverty Grass, Cladonia	4.5	No	
38	122 - Road/Parking Lot	1.3	No	Co. Rd. 634.
41	3102 - Grass	2.4	Yes	OPIC - FMD: OLD NIAGRAN PAD-NO WELL
46	3102 - Grass	1.8	Yes	1 inch diameter cable along south edge of stand.
53	710 - Sand, Soil	3.8	No	Niagran well and hill climb.
56	3102 - Grass	2.2	Yes	
59	623 - Emergent Wetland	2.0	No	ORV damage.
61	330 - Low-Density Trees	14.5		
67	3201 - Sweet Fern	2.2	No	
75	710 - Sand, Soil	3.8	No	
88	3102 - Grass	1.7	No	
96	31021 - Cool Season Grass	2.1	No	oil well.
97	3102 - Grass	2.4	Yes	spoils from sand traps. managed opening?





Stand	Cover Type	Acres	Managed Site	General Comments:
98	3102 - Grass	2.7	No	oil pad