



# Compartment Review Presentation

Atlanta Forest Management Unit

Compartment 54108

Entry Year 2021

Acreage: 1,345

County Alpena

Management Area: Alpena Lake Plain

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**Revision Date:** 2019-06-06

**Stand Examiner:** Dale Parris

**Legal Description:**

T32N R05E Section 15, 22, 27, and 34

**Identified Planning Goals:**

All harvests have been prescribed following the direction indicated in the Alpena Lake Plains Management Area (ALPMA) Plan and Timber Analysis. In all cases the unique characteristics of the individual stand was taken into consideration when writing the prescription. The timber analysis completed on the ALPMA, specific to Compartment 108, indicated that the lowland aspen, red pine, lowland deciduous, and upland aspen covertypes be of focus for harvest for the purpose of balancing the age classes of these covertypes across the Management Area (MA). Wildlife, recreation, aesthetics, adjacent stands, and the larger landscape were considered in all management decisions.

**Soil and topography:**

The soil information detailed below was taken from the Soil Survey of Alpena County, Michigan put out by the USDA/NRCS in conjunction with other entities.

The lowland soil in the northern block of Compartment 108 is mainly Lupton Muck (very poorly drained) with a block of Negwegon-Algonquin-Lupton Complex (moderately well drained, somewhat poorly drained, very poorly drained - respectively) soils to the southeast. The single moderately upland strip of land in the northern block is the Algonquin-Springport complex (somewhat poorly drained, poorly drained respectively) that runs north-south along the western boundary south of Reider School Road.

Similarly, the southern block of Compartment 108 is composed of somewhat poorly drained to very poorly drained soils. The main soils being the Tacoda-Wakeley Complex (somewhat poorly drained, very poorly drained) and Tacoda sand.

For more details on the soils found in Compartment 88 reference the Soil Survey of Alpena County.

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

The land adjacent to Compartment 108 is larger parcel hunting/recreational property. State land borders the southern block of the compartment to the west and south.

**Unique Natural Features:**

As part of the Natural Heritage Database (NHD) the Michigan Natural Features Inventory (MNFI) at the Michigan State University Extension website turned up 1 case of a rare species observation in or near Compartment 108. The bald eagle (*Haliaeetus leucocephalus*) is documented as being observed within or near Compartment 108.

Unique natural features within Compartment 108 consist of lowland drainage's with the occasional beaver dam with resulting pools/ponds.

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

MNFI does not have any record of the presence of archeological, historical, or cultural features within Compartment 108. If any such features are found during management activities, a report shall be filed with MNFI and proper precautions/guidelines shall be adhered to for the protection of these features.

**Special Management Designations or Considerations:**

Rutting and the disturbance of underground water flow needs to be considered when managing forests in and around sensitive lowland soils. Oak wilt needs to be taken into consideration in harvests that take place in and adjacent to stands that contain oak.

MNFI reports one or more threatened and/or endangered species in the vicinity of Compartment 108. All forest management should follow the proper guidelines for the protection of these species.

**Watershed and Fisheries Considerations:**

### **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 heavy aspen provide food and cover for multiple species at a variety of age classes. We are working to maintain a good age rotation of aspen in this compartment as well as 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**

Active sand/gravel operations are located roughly three miles to the west, developed along an esker. Sand & gravel potential within the compartment appears minimal. Bedrock limestone appears to be too deep here to have economic mining potential, and wetlands in the area would limit surface development. There are several karst features, such as sink holes, mapped to the east of the compartment. There could be potential for additional sink holes to develop in the future in the area. There is no known oil & gas potential in this area, and there is no current mineral lease activity in the area. There is no known metallic mineral potential in this part of the state.

### **Vehicle Access:**

Vehicle access to the northern block of Compartment 108 is from Reider School Road. Vehicle access to the southern block of Compartment 108 is from Long Rapids Road and the main forest road that heads north off of Long Rapids Road into this block.

### **Survey Needs:**

There is the possibility that a property line survey would be need to be completed for the east and west boundaries of Compartment 108 in Section 27 of T32N R05E for proper marking of timber sale boundaries. Further investigation of records and on the ground would need to be completed to verify the need for a survey.

### **Recreational Facilities and Opportunities:**

In Compartment 83 there are recreational opportunities for the hunting of white-tailed deer, woodcock, grouse, rabbit, turkey and bear. Trapping opportunities also exist.

### **Fire Protection:**

In the case of a wildland fire, response to Compartment 108 will be from the Alpena DNR office as well as the Long Rapids Township Fire Department.

### **Additional Compartment Information:**

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

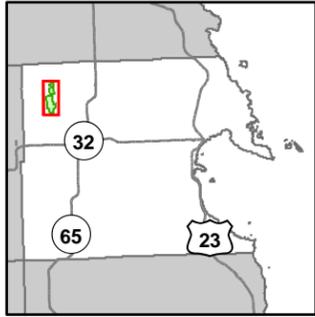
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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

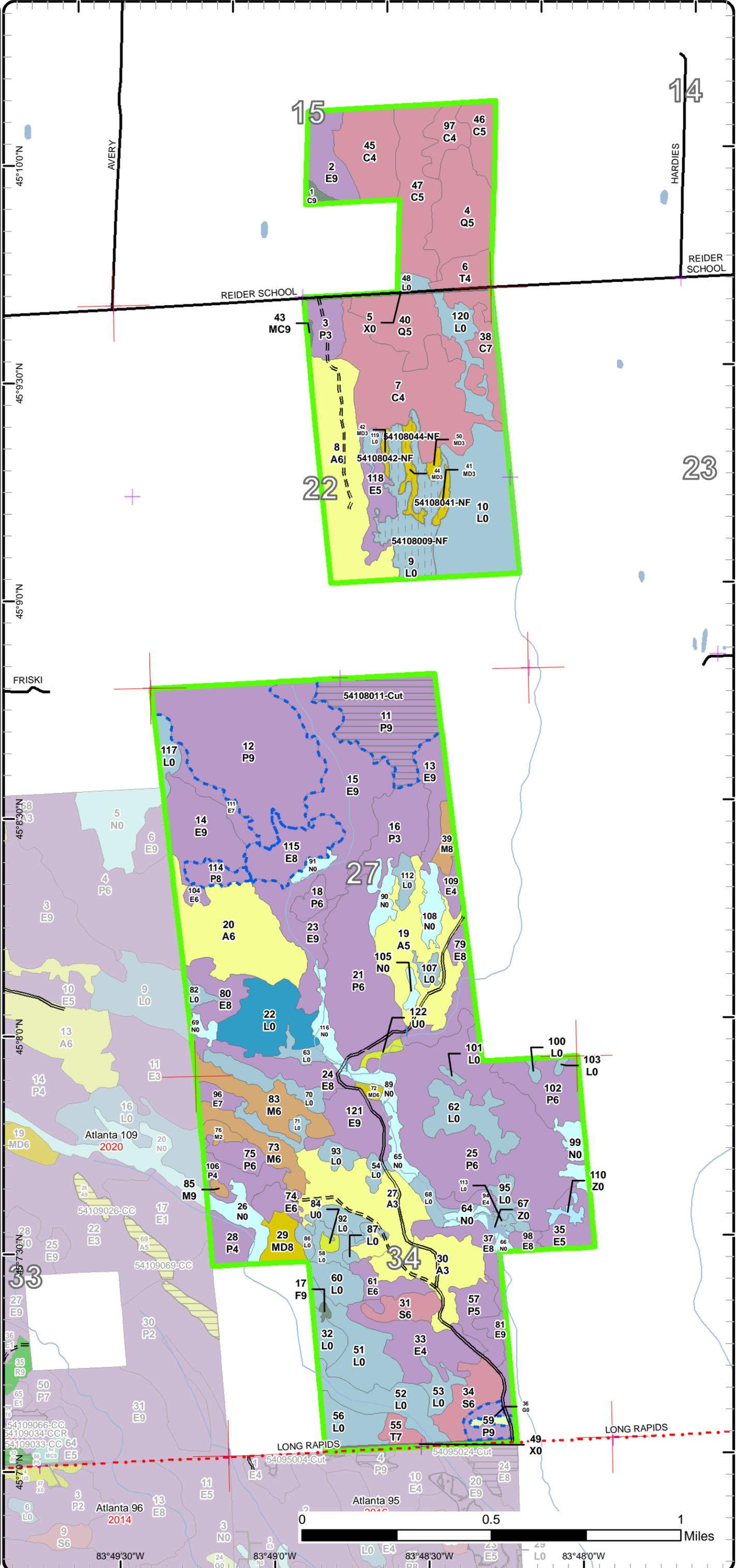
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

# Cover Type & Treatments Map

Compartment: 108  
 T32N, R05E, Sec. 15, 22, 27, 34  
 County: Alpena  
 Unit: Atlanta  
 Mgmt Area: Alpena Lake Plain  
 YOE: 2021  
 Acres: 1,345 GIS Calculated  
 Examiner: Dale Parris  
 Map Revised: 10/10/2019  
 Map Phase: Post-Review

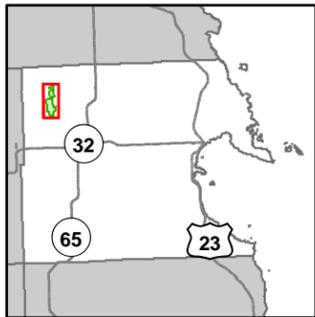


- Miris Corners
- + Remonumented Section Corners
- Counties
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State / County - Paved Road
- County - Gravel Road
- Lake/Pond
- Perennial River
- Lakes and Rivers All
- Culvert
- Compartment Boundary
- Treatments with Site Conditions
- Clearcut (w/Reserves)
- Opening Maintenance
- 411 - Northern Hardwood
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 423 - Other Upland Conifers
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 122 - Roads/Parking Lot
- 310 - Herbaceous Openland
- 330 - Low Density Trees
- 500 - Water
- 622 - Lowland Shrub
- 623 - Emergent Wetland
- 629 - Mixed non-forested wetland
- Lakes

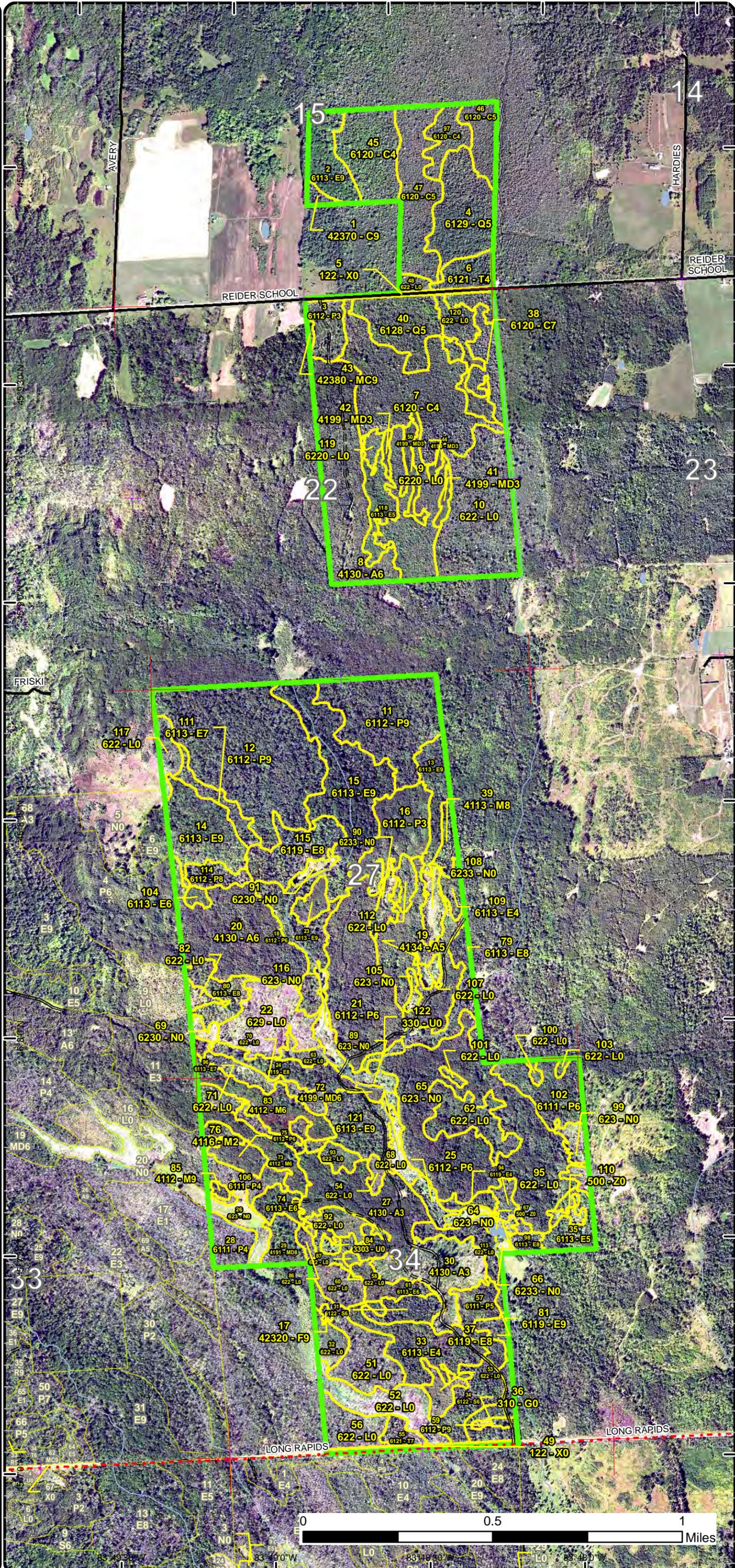


# Stand Boundary Map

Compartment: 108  
 T32N, R05E, Sec. 15, 22, 27, 34  
 County: Alpena  
 Unit: Atlanta  
 Mgmt Area: Alpena Lake Plain  
 YOE: 2021  
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- Miris Corners
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- Counties
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- Lake/Pond
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- Lakes and Rivers All
- Culvert
- Compartment Boundary
- Stand Boundaries
- 411 - Northern Hardwood
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- 419 - Mixed Upland Deciduous
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# Report 1 – Total Acres by Cover Type and Age Class

Atlanta Mgt. Unit

Compartment 108 Year of Entry 2021

Dale Parris : Examiner



## Age Class

	Non-Forest	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100-109	110-119	120-129	130-139	140-149	150+	Uneven-Aged	Total
Aspen	0	23	0	32	117	0	0	0	0	0	0	0	0	0	0	0	0	0	172
Cedar	0	0	0	0	0	0	0	0	0	0	127	2	0	0	0	0	0	0	129
Herbaceous Openland	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Low-Density Trees	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Lowland Aspen/Balsam Poplar	0	9	0	24	150	14	16	0	0	0	119	0	0	0	0	0	0	0	332
Lowland Conifers	0	0	0	0	0	0	0	0	0	0	46	0	0	0	0	0	0	0	46
Lowland Deciduous	0	0	0	0	62	18	0	32	0	0	48	110	0	0	0	0	0	0	269
Lowland Shrub	247	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	247
Lowland Spruce/Fir	0	0	0	0	0	0	0	0	8	13	0	0	0	0	0	0	0	0	20
Marsh	51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	51
Mixed Upland Deciduous	0	0	0	8	3	0	0	0	0	0	0	0	0	0	0	0	0	7	18
Northern Hardwood	0	0	0	0	3	28	0	0	0	0	5	0	0	0	0	0	0	0	36
Tamarack	0	0	0	0	0	0	0	11	0	0	4	0	0	0	0	0	0	0	15
Upland Conifers	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
Upland Spruce/Fir	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Urban	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
Water	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
<b>Total</b>	<b>312</b>	<b>32</b>	<b>0</b>	<b>64</b>	<b>335</b>	<b>60</b>	<b>16</b>	<b>43</b>	<b>8</b>	<b>13</b>	<b>350</b>	<b>112</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>8</b>	<b>1351</b>



## Report 2 – Treatment Summary

Atlanta Mgt. Unit

Compartment 108

Year of Entry: 2021

Acres of Harvest

Total Compartment Acres: 1,345

Commercial Harvest - 23  
 Harvests with Site Condition - 141  
 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
Lowland Aspen/Balsam Poplar	134	0	0	0	0	0	0	0	0	134
Lowland Deciduous	17	0	0	0	0	0	0	0	0	17
Lowland Spruce/Fir	13	0	0	0	0	0	0	0	0	13
<b>Total</b>	<b>164</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>164</b>

### Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	164	0	0	0	0	0	0	34	0	197
Next Step	0	0	0	0	0	0	164	0	0	164
<b>Total</b>	<b>164</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>164</b>	<b>0</b>	<b>34</b>	<b>361</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
9	54108009-NF	25.6	6220 - Alder/willow	Nonstocked			NonForestMgt	Brush Cutting	622 - Lowland Shrub		Approved Proposal

**Habitat Cut: No****Site Condition:**

Prescription Shear the lowland shrub for the creation of woodcock and grouse habitat.

Specs:  
Portions of this stand may or may not be treated based on the on-site evaluation at the time of the treatment.

Next Step  
Treatments:

Acceptable Lowland Shrub  
Regen:

Other  
Comment:

Proposed Start Date: 10/1 /2020

11	54108011-Cut	38.6	6112 - Lowland Aspen	Sawtimber Well	94	51-80	Harvest	Clearcut with Retention	6112 - Lowland Aspen	Even-Aged	Approved Proposal
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**Habitat Cut: No****Site Condition: Unknown Access**

Prescription Clear-cut with retention. Retain 3-10% of stand representative species. Protect the sparse white spruce to promote future stand diversity.

Specs:  
Include the spec that requires grouse logs and brush piles for hare.

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

Acceptable Acceptable regeneration is a medium to well stocked stand of any mix of aspen, red maple, paper birch, balsam fir, and spruce.  
Regen:

Other Access would need to be from the private land to the north.  
Comment:

Proposed Start Date: 10/1 /2020

12	54108012-Cut	74.2	6112 - Lowland Aspen	Sawtimber Well	94	81-110	Harvest	Clearcut with Retention	6112 - Lowland Aspen	Even-Aged	Proposal - Approval Pending Edits
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**Habitat Cut: No****Site Condition: Unknown Access**

Prescription Clear-cut with retention. Retain 3-10% of stand representative species. Protect the sparse white spruce to promote future stand diversity.

Specs:  
Include the spec that requires grouse logs and brush piles for hare.

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

Acceptable Acceptable regeneration is a medium to well stocked stand of any mix of aspen, red maple, paper birch, balsam fir, and/or spruce.  
Regen:

Other Access would need to be from the private land to the north.  
Comment:

Proposed Start Date: 10/1 /2020



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
34	54108034-Cut	12.5	6122 - Black Spruce	Poletimber Well	82	51-80	Harvest	Clearcut with Retention	6139 - Mixed Lowland Forest	Even-Aged	Proposal - Approval Pending Edits

**Habitat Cut: No**                      **Site Condition:**

Prescription Clear-cut with retention.

Specs:  
Protect all legacy red pine and white pine.

Protect spruce regeneration where present.

Mark the large red pine out of the sale area at the east end where reasonable for harvest operations.

Include the spec that requires grouse logs and brush piles for hare.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Regen: Acceptable regeneration is any medium to well stocked mix of spruce, red maple, aspen, pine, paper birch, tamarack, and balsam fir.

Other Comment: There is a hawk's nest in this stand along the northern edge of Stand 59.

Proposed Start Date: 10/1 /2020

41	54108041-NF	2.0	4199 - Other Mixed Upland Deciduous	Sapling Well	28	1-50	NonForestMgt	Brush Cutting	413 - Aspen	Even-Aged	Approved Proposal
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**Habitat Cut: No**                      **Site Condition:**

Prescription Shear the sapling to pole sized timber for the creation of woodcock and grouse habitat.

Specs:  
Portions of this stand may or may not be treated based on the on-site evaluation at the time of the treatment.

Next Step

Treatments:

Acceptable Regen: Acceptable regeneration is a low to medium stocked stand that is aspen dominated.

Other Comment:

Other Comment:

Proposed Start Date: 10/1 /2020

42	54108042-NF	1.4	4199 - Other Mixed Upland Deciduous	Sapling Well	36	1-50	NonForestMgt	Brush Cutting	413 - Aspen	Even-Aged	Approved Proposal
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**Habitat Cut: No**                      **Site Condition:**

Prescription Shear the sapling to pole sized timber for the creation of woodcock and grouse habitat.

Specs:  
Portions of this stand may or may not be treated based on the on-site evaluation at the time of the treatment.

Next Step

Treatments:

Acceptable Regen: Acceptable regeneration is a low to medium stocked stand that is aspen dominated.

Other Comment:

Other Comment:

Proposed Start Date: 10/1 /2020



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
44	54108044-NF	4.5	4199 - Other Mixed Upland Deciduous	Sapling Well	28	1-50	NonForestMgt	Brush Cutting	413 - Aspen	Even-Aged	Approved Proposal

**Habitat Cut: No****Site Condition:**

Prescription Shear the sapling to pole sized timber for the creation of woodcock and grouse habitat.

Specs:  
Portions of this stand may or may not be treated based on the on-site evaluation at the time of the treatment.

Next Step  
Treatments:

Acceptable Acceptable regeneration is a low to medium stocked stand that is aspen dominated.  
Regen:

Other  
Comment:

Proposed Start Date: 10/1 /2020

57	54108057-Cut	10.2	6111 - Lowland Balsam Poplar	Poletimber Medium	57	51-80	Harvest	Clearcut with Retention	6112 - Lowland Aspen	Uneven- Aged	Proposal - Approval Pending Edits
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**Habitat Cut: No****Site Condition:**

Prescription Clear-cut with retention. Retain 3-10 percent of the stand in pocket(s) that are stand representative overall. Include less represented tree

Specs: species within the retention where feasible.  
(Less represented species are mainly along the eastern edge of the stand at the north end.)

Include the spec that requires grouse logs and brush piles for hare.

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

Acceptable Acceptable regeneration is any medium to well stocked mix of aspen, red maple, balsam fir, spruce, and paper birch.  
Regen:

Other Harvest in dry summer or frozen winter. Dry summer will likely be the best time to harvest.  
Comment:

Proposed Start Date: 10/1 /2020

59	54108059-Cut	5.6	6112 - Lowland Aspen	Sawtimber Well	55	81-110	Harvest	Clearcut with Retention	6112 - Lowland Aspen	Even-Aged	Proposal - Approval Pending Edits
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**Habitat Cut: No****Site Condition: Survey Needed**

Prescription Clear-cut with retention. Protect all legacy pine. Protect the red pine, white pine, and spruce regen that is mostly in pockets and should not have  
Specs: much effect on aspen regeneration. Protect the pine regeneration around the opening.

Include the spec that requires grouse logs and brush piles for hare.

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

Acceptable Acceptable regeneration is any medium to well stocked mix of aspen, red maple, pine, and spruce.  
Regen:

Other  
Comment:

Proposed Start Date: 10/1 /2020



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
114	54108114-Cut	5.7	6112 - Lowland Aspen	Sawtimber Medium	94	51-80	Harvest	Clearcut with Retention	6112 - Lowland Aspen	Even-Aged	Proposal - Approval Pending Edits

**Habitat Cut: No**                      **Site Condition: Unknown Access**

Prescription Clear-cut.

Specs:

Retention is not necessary due to the small size of the stand.

Protect the sparse white spruce to promote future stand diversity.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Regen: Acceptable regeneration is a medium to well stocked stand of any mix of aspen, red maple, paper birch, balsam fir, and spruce.

Other

Access would need to be from the private land to the north.

Comment:

Proposed Start Date: 10/1 /2020

115	54108115-Cut	17.1	6119 - Mixed Lowland Deciduous Forest	Sawtimber Medium	98	51-80	Harvest	Clearcut with Retention	611 - Lowland Deciduous Forest	Even-Aged	Proposal - Approval Pending Edits
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**Habitat Cut: No**                      **Site Condition: Unknown Access**

Prescription Clear-cut with retention.

Specs:

Retain 3-10% of the stand in pockets focused around diversity and cedar while making sure the retention is stand representative.

Protect the sparse white spruce to promote future stand diversity.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Regen: Acceptable regeneration is a medium to well stocked stand of any mix of aspen, basswood, red maple, paper birch, balsam fir, and spruce.

Other

Access would need to be from the private land to the north.

Comment:

The acreage harvested may be significantly reduced due to saturated soils.

Proposed Start Date: 10/1 /2020

**Total Treatment  
Acreage Proposed: 197.4**

## Report 4 – Site Conditions

Atlanta Mgt. Unit  
Dale Parris : Examiner

Compartment: 108  
Year of Entry: 2021

### Availability for Management

Total Acres	Acres Available	Acres Avail With Condition	Acres Not Available
172	172	0	1

### Dominant Site Conditions

	Total Acres	Acres Available	Acres Avail With Condition	Acres Not Available	Dominant Site Conditions								
					2B	2I	5B	5C	2A	2G	2H	5E	
172	172	0	1	Aspen			0			0			1
128	0	0	128	Cedar					2	127			
1	1	0	0	Herbaceous Openland									
3	3	0	0	Low-Density Trees									
331	189	124	17	Lowland Aspen/Balsam Poplar	118	6	0			9	8	0	
46	0	0	46	Lowland Conifers						46			
266	94	43	130	Lowland Deciduous	17		19	7		130			
247	247	0	0	Lowland Shrub			0			0			
20	20	0	0	Lowland Spruce/Fir									
51	51	0	0	Marsh			0			0			
18	18	0	0	Mixed Upland Deciduous						0			
35	34	0	1	Northern Hardwood						0	1		
15	0	0	15	Tamarack						15			
1	0	0	1	Upland Conifers									1
1	1	0	0	Upland Spruce/Fir									
7	7	0	0	Urban						0			
3	3	0	0	Water									
1,345	840	167	339	Total Forested Acres	136	6	19	7	2	326	9	2	
	62%	12%	25%	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	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	1	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
With all the surrounding area having been harvested, this stand makes for a good travel corridor for wildlife. This stand also adds age class diversity to the surrounding area.							

## Report 4 – Site Conditions

Atlanta Mgt. Unit  
Dale Parris : Examiner

Compartment: 108  
Year of Entry: 2021

2	<b>Unavailable</b>	<b>2G: Too wet (sensitive soils, does not include access issues)</b>	11	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> It would not be beneficial to the overall landscape to harvest this stand. This stand offers large tree/open understory diversity that is not present in much of the immediately adjacent surrounding landscape.							
3	<b>Unavailable</b>	<b>2G: Too wet (sensitive soils, does not include access issues)</b>	42	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> The center of this stand acts as a major seasonally intermittent drainage way for the greater landscape from north to south. It would not be beneficial to the overall landscape to harvest this stand. This stand offers large tree/open understory diversity that is not present in much of the surrounding immediately adjacent landscape.							
4	<b>Unavailable</b>	<b>2G: Too wet (sensitive soils, does not include access issues)</b>	21	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
5	<b>Unavailable</b>	<b>2G: Too wet (sensitive soils, does not include access issues)</b>	7	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
6	<b>Unavailable</b>	<b>2G: Too wet (sensitive soils, does not include access issues)</b>	23	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							

## Report 4 – Site Conditions

Atlanta Mgt. Unit  
Dale Parris : Examiner

Compartment: 108  
Year of Entry: 2021

7	<b>Unavailable</b>	<b>2G: Too wet (sensitive soils, does not include access issues)</b>	25	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> This stand is too wet to harvest.							
8	<b>Unavailable</b>	<b>2A: Adjacent landowner denied access</b>	2	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
9	<b>Unavailable</b>	<b>2G: Too wet (sensitive soils, does not include access issues)</b>	8	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> This stand is too wet to harvest.							
10	<b>Unavailable</b>	<b>2G: Too wet (sensitive soils, does not include access issues)</b>	4	5D: Unproductive Forest Land	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
11	<b>Unavailable</b>	<b>5E: Long-Term Retention</b>	1	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
12	<b>Unavailable</b>	<b>5E: Long-Term Retention</b>	1	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							

## Report 4 – Site Conditions

Atlanta Mgt. Unit  
Dale Parris : Examiner

Compartment: 108  
Year of Entry: 2021

13	Unavailable	5E: Long-Term Retention	0	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
14	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	22	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> This stand is too wet to harvest.							
15	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	9	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> This stand is too wet to harvest.							
16	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	27	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> This stand is too wet to harvest.							
17	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	9	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> This stand is too wet to harvest.							
18	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	4	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							

## Report 4 – Site Conditions

Atlanta Mgt. Unit  
Dale Parris : Examiner

Compartment: 108  
Year of Entry: 2021

19	<b>Unavailable</b>	<b>2G: Too wet (sensitive soils, does not include access issues)</b>	4	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
20	<b>Unavailable</b>	<b>2G: Too wet (sensitive soils, does not include access issues)</b>	49	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
21	<b>Unavailable</b>	<b>2G: Too wet (sensitive soils, does not include access issues)</b>	11	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
22	<b>Available</b>	<b>5B: Maintain for regeneration purposes</b>	11	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> Maintain this stand until the stand to the north is ready for harvest.							
23	<b>Unavailable</b>	<b>2G: Too wet (sensitive soils, does not include access issues)</b>	9	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> Retaining this forest will help protect sensitive soils and will allow for the slowage of seasonal water drainage flow.							
24	<b>Available</b>	<b>5B: Maintain for regeneration purposes</b>	4	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> Maintain to allow the adjacent stand to the east to mature.							

## Report 4 – Site Conditions

Atlanta Mgt. Unit  
Dale Parris : Examiner

Compartment: 108  
Year of Entry: 2021

25	<b>Available</b>	<b>5B: Maintain for regeneration purposes</b>	4	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> Maintain to allow the adjacent stand to the west to mature.							
26	<b>Unavailable</b>	<b>2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)</b>	8	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> This stand is inaccessible due to the surrounding lowlands.							
27	<b>Available</b>	<b>5C: Delay treatment for age/size class diversity or exceptional site quality</b>	6	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> With all the surrounding area having been harvested, this stand makes for a good travel corridor for wildlife. This stand also adds age class diversity to the surrounding area.							
28	<b>Unavailable</b>	<b>2G: Too wet (sensitive soils, does not include access issues)</b>	2	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> This portion of the stand is too wet for harvest. With all the surrounding area having been harvested, this stand makes for a good travel corridor for wildlife. This stand also adds age class diversity to the surrounding area.							
29	<b>Unavailable</b>	<b>2G: Too wet (sensitive soils, does not include access issues)</b>	3	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							

## Report 4 – Site Conditions

Atlanta Mgt. Unit  
Dale Parris : Examiner

Compartment: 108  
Year of Entry: 2021

30	<b>Unavailable</b>	<b>2G: Too wet (sensitive soils, does not include access issues)</b>	12	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
31	<b>Unavailable</b>	<b>2G: Too wet (sensitive soils, does not include access issues)</b>	17	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
32	<b>Unavailable</b>	<b>2G: Too wet (sensitive soils, does not include access issues)</b>	9	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
33	<b>Unavailable</b>	<b>2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)</b>	1	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
34	<b>Available</b>	<b>2B: Unknown if access through adjacent landowner(s) is possible</b>	39	2I: Survey needed	Unspecified	Unspecified	Unspecified
<b>Comments:</b> Contacts are being made to see if we can gain access to harvest this stand. Further investigation of records and on the ground will need to take place to see if a survey is needed for proper set-up of harvest boundaries.							

## Report 4 – Site Conditions

Atlanta Mgt. Unit  
Dale Parris : Examiner

Compartment: 108  
Year of Entry: 2021

35	<b>Available</b>	<b>2B: Unknown if access through adjacent landowner(s) is possible</b>	74	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> Contacts are being made to see if we can gain access to harvest this stand.							
36	<b>Available</b>	<b>2I: Survey needed</b>	6	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> Further investigation of records and on the ground will need to take place to see if a survey is needed for proper set-up of harvest boundaries.							
37	<b>Available</b>	<b>2B: Unknown if access through adjacent landowner(s) is possible</b>	17	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
38	<b>Available</b>	<b>2B: Unknown if access through adjacent landowner(s) is possible</b>	6	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>
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
1	42370 - Upland Cedar, Aspen	Sawtimber Well	1.9	104	141-170	N/A	
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>		
Northern White Cedar		60	Log	12	104		
Quaking Aspen		24	XLog/Log	18			
White Spruce		15	Log/Pole	11			
2	6113 - Lowland Maple	Sawtimber Well	13.7	48	81-110	N/A	This is a maple floodplain. There are a legacy silver maple/red maple scattered throughout.
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>		
Red Maple		95	Log/Pole	10	48		
3	6112 - Lowland Aspen	Sapling Well	8.9	6	1-50	N/A	This stand was harvested in October 2012. Timber Sale Name: Swamp Cherry; Timber Sale No.: 54-058-11-01. Scattered clumps of cedar were retained.
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>		
Quaking Aspen		90	Sapling	1	6		
<b>Canopy Species</b>		<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>			
Willow spp.		Low	5 - 10 feet	Tall Shrub			
Green Ash		Low	Variable	Sapling			
4	6129 - Mixed Coniferous Lowland Forest	Poletimber Medium	25.0	97	51-80	N/A	A 7 inch DBH northern white cedar aged at 81 plus 15 equals 96. The northern white cedar are suppressed due to the high water table and seasonal flooding. This stand was mostly flooded with water during the winter of 2018.
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>		
Red Maple		10	Pole/Sapling	5			
Northern White Cedar		47	Pole	7	97		
<b>Canopy Species</b>		<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>			
Balsam Fir		Medium	5 - 10 feet	Sapling			
Tag Alder		High	5 - 10 feet	Tall Shrub			
5	122 - Road/Parking Lot	Nonstocked	3.0			No	This is Reider School Road.
6	6121 - Tamarack	Poletimber Poor	11.1	65	1-50	N/A	This stand was covered by a shallow layer of water in the winter of 2018.
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>		
Red Maple		20	Pole	6			
Northern White Cedar		20	Pole	7	108		
Tamarack		50	Pole	7	65		
Paper Birch		10	Pole/Sapling	5			
<b>Canopy Species</b>		<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>			
Tag Alder		High	5 - 10 feet	Tall Shrub			
Willow spp.		Medium	5 - 10 feet	Sapling			
7	6120 - Lowland Cedar	Poletimber Poor	49.4	98	51-80	N/A	
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>		
Red Maple		10	Pole/Log	8			
Northern White Cedar		72	Pole/Log	9	98		
Balsam Fir		15	Pole/Sapling	6			
<b>Canopy Species</b>		<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>			
Balsam Fir		Low	5 - 10 feet	Sapling			
Tag Alder		High	5 - 10 feet	Tall Shrub			



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																				
8	4130 - Aspen	Poletimber Well	45.1	36	51-80	N/A	All trees with a merchantable stick were harvested from this stand by May of 1984. In the northern 1/3 of the stand the trace amount of log/pole sized cedar were retained.																																				
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9	6220 - Alder/willow	Nonstocked	25.6			No	Stand swapped from Forested to Non-Forested. There is scattered pole sized red maple in this lowland shrub.																																				
10	622 - Lowland Shrub	Nonstocked	43.5		Unspecified	No	Portions of this stand was likely forested but taken over by lowland shrub after harvest. There is a low density of log/pole sized red maple, pole/log sized paper birch, etc. There is a full understory covering of tag alder. Portions of this stand make the 25% canopy that it takes to labeled as forested but for all intensive management purposes, this stand is a mix of low-density trees and lowland shrub that will not be harvested in the foreseeable future. For the foreseeable future this is unproductive forestland.  This stand has between 15 and 20 percent tree canopy but has full coverage of shrub and it is lowland. Therefore, it is called out as lowland shrub.																																				
11	6112 - Lowland Aspen	Sawtimber Well	38.6	94	51-80	N/A																																					
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12	6112 - Lowland Aspen	Sawtimber Well	74.2	94	81-110	N/A	This is old lowland aspen stand. The large aspen are dying and falling out of the canopy. Dead pole sized green/black ash are present throughout. There is a dense diverse and consistent understory of shrubs throughout this stand.																																				
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13	6113 - Lowland Maple	Sawtimber Well	11.0	103	111-140	N/A	This is a lowland maple flat/drainage. This stand was approximately 15% log sized green ash in the canopy. About half of the green ash has fallen out of the canopy and the rest is rotten and will not be standing long. This is part of a greater fragmented drainage that works its way accross the greater landscape. A majority of the stand had standing water in January of 2019.																																				
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16	6112 - Lowland Aspen	Sapling Well	19.5	25	1-50	N/A	Pockets of lowland shrub and wet meadow are present through out the stand. The aspen are of fair quality and health.																																	
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17	42320 - Upland Spruce	Sawtimber Well	0.6	85	51-80	N/A	This is a nice upland diversity pocket. The white spruce range from 10 to 20 inches in DBH.																																	
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19	4134 - Aspen, Spruce/Fir	Poletimber Medium	31.2	37	1-50	N/A	All trees with a merchantable stick, with the exception of oak and cedar, were harvested from this stand by January of 1981. During the walk through mature oak and cedar were not seen. Pockets of balsam fir are present throughout this stand. This stand has lowland drainage veins and pockets throughout that contain dead ash saplings, shrub, and red maple.																																	
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20	4130 - Aspen	Poletimber Well	41.2	35	1-50	N/A	According to harvest records, the harvest of this stand was completed in September of 1983. There are lowland pockets with minimal timber volume throughout this stand.																																	
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																
21	6112 - Lowland Aspen	Poletimber Well	42.7	36	1-50	N/A	According to harvest records, the harvest of this stand was completed in 1982. There are excessively wet lowland pockets present throughout this stand that contain minimal timber volume.																																
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22	629 - Mixed non-forested wetland	Nonstocked	22.8			No	Most of this stand is dead standing sapling/pole/log size black ash with dead and some living red maple. With very few trees living and a floor of cattail and marsh grass this can be labeled wetland for the foreseeable future.																																
23	6113 - Lowland Maple	Sawtimber Well	17.8	103	111-140	N/A	too wet to harest																																
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24	6119 - Mixed Lowland Deciduous Forest	Sawtimber Medium	13.3	65	51-80	N/A	The aspen is large in diameter for being 65 years old. The stand varies from aspen dominate to red maple dominate throughout. The west end of the stand is red maple dominant, and there is a red maple dominant pocket at the east end of the stand.																																
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25	6112 - Lowland Aspen	Poletimber Well	81.4	36	81-110	N/A	Some of the larger aspen have been windthrown throughout the stand. The stand has scattered lowland pockets of tag alder. All trees with a merchantable stick were harvested from this stand during the few years prior to September of 1984.																																
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26	623 - Emergent Wetland	Nonstocked	7.9			No	This stand is mostly cattail and water. A feeder creek to Truax Creek flows through this stand.																																
27	4130 - Aspen	Sapling Well	32.2	25	1-50	N/A	The harvest of this stand was completed by April of 1994. This stand has a scattering of legacy white pine and a couple pockets of log sized red pine. Scattered mature aspen and white spruce are also present.																																
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28	6111 - Lowland Balsam Poplar	Poletimber Poor	8.3	48	1-50	N/A	About 70% of the canopy is dead pole to log sized black/green ash. The aspen varies in size from sapling to large log.																																
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29	4191 - Mixed Upland Deciduous with Conifer	Sawtimber Medium	7.4	86	51-80	N/A	There are legacy white pine scattered throughout the center of this stand. A couple legacy red pine are also present. The northeastern edge has a lowland aspen pocket and the southern edge has a lowland aspen/red maple/black cherry pocket.																																														
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30	4130 - Aspen	Sapling Well	22.7	6	1-50	N/A	This stand was harvested in October 2012. Timber Sale Name: Swamp Cherry; Timber Sale No.: 54-058-11-01. Scattered legacy white pine and red pine are present, as well as log sized white spruce and black cherry. There is a 0.6 acre retention pocket in the middle of the stand that is dominated by Legacy White Pine.																																														
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31	6122 - Black Spruce	Poletimber Well	7.5	71	81-110	N/A	This is a nice healthy stand of black spruce. This stand is a diversity pocket in an area of mostly wetlands and lowland deciduous type forests.																																														
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32	622 - Lowland Shrub	Nonstocked	5.4			No																																															
33	6113 - Lowland Maple	Poletimber Poor	22.2	32	81-110	N/A	According to tree aging results, most of the main body of this stand was harvested in 1986. The northwest arm of this stand is dominant to black cherry that is of small log size and is somewhat older in age. Lowland shrub pockets are present throughout.																																														
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34	6122 - Black Spruce	Poletimber Well	12.5	82	51-80	N/A	This is a high quality stand of black spruce. Scattered legacy white pine and red pine are present. There are pockets of pole sized red maple in the stand at the east and west ends that can be seen in the 1998																																														
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35	6113 - Lowland Maple	Poletimber Medium	9.1	36	1-50	N/A	There is flooded areas and shrub pockets throughout. All trees with a merchantable stick were harvested from this stand during the few years prior to September of 1984. This stand was harvested with the stand to the northwest. This stand varies between pockets dominated by aspen and areas dominated by red maple.																																														
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36	310 - Herbaceous Openland	Nonstocked	1.3			No	This opening is slowly being taken over by balsam poplar.																																														



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																					
37	6119 - Mixed Lowland Deciduous Forest	Sawtimber Medium	8.8	103	81-110	N/A	Portions of this stand were part of the clear-cut harvest to the west but were not harvested because it was too wet. This stand alternates between lowland with large log sized red maple and somewhat upland areas with log sized black cherry of poor quality.																																					
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38	6120 - Lowland Cedar	Sawtimber Poor	10.8	98	51-80	N/A	There is much cedar windthrow in the stand.																																					
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39	4113 - R.Maple, Conifer	Sawtimber Medium	4.6	91	51-80	N/A	The red maple in this stand vary widely in diameter. There are a couple large beech in the stand.																																					
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40	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Medium	20.6	98	51-80	N/A	The dead pole sized black ash would have composed approximately 20% the canopy.																																					
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41	4199 - Other Mixed Upland Deciduous	Sapling Well	2.0	28	1-50	N/A	This stand was likely harvested with the surrounding area. In which case, this sliver regenerated and the adjacent area, likely a maple flood plain previously, converted to lowland shrub.																																					
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42	4199 - Other Mixed Upland Deciduous	Sapling Well	1.4	36	1-50	N/A	This stand was likely harvested with the area to the east. In which case, this sliver regenerated and the adjacent area to the east, likely a maple flood plain previously, converted to lowland shrub.																																					
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43	42380 - Non Pine Upland Conifer, Mixed Deciduous	Sawtimber Well	0.7	97	81-110	N/A																																						
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments			
<b>44</b>	4199 - Other Mixed Upland Deciduous	Sapling Well	4.5	28	1-50	N/A	This stand was likely harvested with the surrounding area. In which case, this sliver regenerated and the adjacent area, likely a maple flood plain previously, converted to lowland shrub.			
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Canopy Species</b>		<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>
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Quaking Aspen		10	Sapling/Pole	4	28	Green Ash	Low	Variable	Sapling	
<b>45</b>	6120 - Lowland Cedar	Poletimber Poor	21.7	95	51-80	N/A	The black ash that are dead due to EAB are pull size and would have made up about 25% of the canopy. This stand is flooded throughout.			
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Canopy Species</b>		<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>
Red Maple		35	Pole	6	43	Balsam Fir		Medium	5 - 10 feet	Sapling
Northern White Cedar		55	Pole	7	95	Tag Alder		High	5 - 10 feet	Tall Shrub
						Black Ash	Low	Variable	Sapling	
<b>46</b>	6120 - Lowland Cedar	Poletimber Medium	9.4	93	51-80	N/A	The northern white cedar are suppressed and of poor quality. The cedar crowns have much die back. This stand was frozen and covered with water throughout in the winter of 2018. A 6 inch DBH cedar cored at 77 years plus 15 = 92.			
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Canopy Species</b>		<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>
Northern White Cedar		93	Pole	6	93	Balsam Fir		Low	5 - 10 feet	Sapling
						Tag Alder	High	5 - 10 feet	Tall Shrub	
<b>47</b>	6120 - Lowland Cedar	Poletimber Medium	26.6	95	51-80	N/A	Dead black ash makes up 25 to 40% of the canopy throughout. In the winter of 2018 this stand had standing water throughout.			
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Canopy Species</b>		<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>
Red Maple		15	Pole/Sapling	6		Balsam Fir		Low	5 - 10 feet	Sapling
Northern White Cedar		75	Pole	7	95	Tag Alder	Full	5 - 10 feet	Tall Shrub	
<b>48</b>	622 - Lowland Shrub	Nonstocked	2.3		Immature	No	This stand could also be called low density trees.			
<b>49</b>	122 - Road/Parking Lot	Nonstocked	3.6	0		No	This is Long Rapids Road and the right of way.			
<b>50</b>	4199 - Other Mixed Upland Deciduous	Sapling Well	1.1	28	1-50	N/A	This stand was likely harvested with the surrounding area. In which case, this sliver regenerated and the adjacent area, likely a maple flood plain previously, converted to lowland shrub.			
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Canopy Species</b>		<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>
Balsam Poplar		85	Sapling/Pole	4	28	Tag Alder		Low	5 - 10 feet	Tall Shrub
Quaking Aspen		10	Sapling/Pole	4	28	Green Ash	Low	Variable	Sapling	
<b>51</b>	622 - Lowland Shrub	Nonstocked	17.6		Immature	No	This stand has between 15 and 20 percent tree canopy (most of which is red maple) but has full coverage of shrub and it is lowland. Therefore, it is called out as lowland shrub.			
<b>52</b>	622 - Lowland Shrub	Nonstocked	16.0			No	This is a stand of dead pole and log size ash with a lowland shrub/marsh grass understory. The lowland shrub is shorter than the lowland shrub to the south and north and it is more likely found in small tightly scattered patches amongst the marsh grass and cattails.			
<b>53</b>	622 - Lowland Shrub	Nonstocked	5.2		Immature	No	The lowland shrub in this stand is more dense and taller than the lowland shrub in the dead ash stand to the south.			



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																				
54	622 - Lowland Shrub	Nonstocked	2.4			No																																					
55	6121 - Tamarack	Sawtimber Poor	3.9	96	51-80	N/A	The tamarack are reaching the end of their life span for this soil. The tamarack are dying and soon this will be a lowland shrub stand that can be merged with the stand to the west.																																				
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56	622 - Lowland Shrub	Nonstocked	10.7		Immature	No	There are very few scattered canopy trees, mostly tamarack and aspen, that are still alive. This stand is very similar to the stand to the north in that it has a canopy of dead ash. The canopy also has dead tamarack. The tag alder are more dense and taller than in the stand to the north.																																				
57	6111 - Lowland Balsam Poplar	Poletimber Medium	10.2	57	51-80	N/A	There is a pocket dominated by dead ash at the west end of the stand.																																				
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58	622 - Lowland Shrub	Nonstocked	5.3		Immature	No	Scattered pole sized aspen and scattered aspen pockets are present. This stand was harvested with the stand to the east but did not come back as well. There is a dense understory of lowland shrub.  This stand has between 15 and 20 percent tree canopy but has full coverage of shrub and it is lowland. Therefore, it is called out as lowland shrub.																																				
59	6112 - Lowland Aspen	Sawtimber Well	5.6	55	81-110	N/A	There are pockets of legacy white pine in the stand with a few scattered legacy red pine. The aspen at the north end of the stand are younger (55 year old quaking aspen) than the aspen at the south end but all are ready for harvest.																																				
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60	622 - Lowland Shrub	Nonstocked	7.5		Immature	No	This lowland shrub area has a mix of low density trees and lightly forested pockets within it.																																				
61	6113 - Lowland Maple	Poletimber Well	6.6	32	1-50	N/A	This stand has large red maple scattered throughout.																																				
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
62	622 - Lowland Shrub	Nonstocked	15.0		Immature	No	All trees with a merchantable stick were harvested from this stand by September of 1984. This portion of the stand was taken over by lowland shrub.  This stand has between 15 and 20 percent tree canopy but has full coverage of shrub and it is lowland. Therefore, it is called out as lowland shrub.
63	622 - Lowland Shrub	Nonstocked	3.4		Immature	No	This stand was forsted before the log/pole/sapling sized black ash died due to EAB. Portions of the stand are taken over by sapling size black ash. Keep this stand separate from the stand to the north for now. For now and the immediate future this stand is lowland shrub. Scattered log size balsam poplar are present.
64	623 - Emergent Wetland	Nonstocked	3.1			No	
65	623 - Emergent Wetland	Nonstocked	4.6			No	
66	6233 - Wet Meadow	Nonstocked	1.5			No	A small stream that feeds into Truax creek flows along the western edge of this stand.
67	500 - Water	Nonstocked	0.7			No	
68	622 - Lowland Shrub	Nonstocked	4.0			No	This is lowland shrub with pockets of water and tag alder.
69	6230 - Cattail	Nonstocked	2.2			No	
70	622 - Lowland Shrub	Nonstocked	8.5		Immature	No	Portions of this stand has low density deciduous trees present.
71	622 - Lowland Shrub	Nonstocked	4.5		Immature	No	This stand is a mix between lowland shrub and low density trees.
72	4199 - Other Mixed Upland Deciduous	Poletimber Well	1.4	33	51-80	N/A	

Canopy Species	% Cover	Size Class	DBH	Age	Canopy Species	Density	Avg. Height	Size
Balsam Poplar	100	Pole	6	33	Black Ash	Low	Variable	Sapling
					Green Ash	Medium	5 - 10 feet	Sapling
					Black Cherry	Low	Variable	Sapling



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73	4112 - Maple, Beech, Cherry Association	Poletimber Well	10.7	41	51-80	N/A	There is a pocket of legacy white pine to the east and a unique legacy red pine to the west. Two large legacy white pine are at the west end. There are remnant black cherry trees throughout the stand that were retained during the last harvest.																																							
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74	6113 - Lowland Maple	Poletimber Well	5.6	32	1-50	N/A																																								
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75	6112 - Lowland Aspen	Poletimber Well	6.1	43	51-80	N/A	There are some larger 9-10" DBH aspen to the west in the stand that are 6 years older and experiencing wind throw. The larger aspen to the west are of higher quality than the aspen to the east. The larger aspen to the west make up a small part of the stand.																																							
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76	4116 - Mixed N. Hardwood - Aspen	Sapling Medium	2.7	36	1-50	N/A	This stand is dominated by sapling red maple that reach the canopy. There is a scattering of other pole and log sized deciduous trees.																																							
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79	6113 - Lowland Maple	Sawtimber Medium	12.2	65	81-110	N/A	A northern portion of this stand was harvested in 1981 and has pole sized red maple as of January 2019. 5-10% of the overall remnant stand was retained and is likely 100+ years old and is of 18"+ DBH size.																																							
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80	6113 - Lowland Maple	Sawtimber Medium	10.5	98	1-50	N/A	Portions of the northern half of this stand was harvested with the stand to the north. The wet spots were not harvested and still hold log to xlog size red maple. the actual average DBH of the log sized red maple is closer to 16 inches but 18 inches was used to help accomodate more accurate overall stand data. The green ash and black ash in the canopy are dead.																																							
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81	6119 - Mixed Lowland Deciduous Forest	Sawtimber Well	5.8	65	51-80	N/A	This stand is a combination of a pole/log sized balck cherry to the south and a pole to Xlog sized red maple drainage that takes up the northern portion and eastern edge of the stand.																																						
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82	622 - Lowland Shrub	Nonstocked	2.4			No																																							
83	4112 - Maple, Beech, Cherry Association	Poletimber Well	16.4	41	51-80	N/A	Sparsely scattered legacy red and white pine are present. There are remnant black cherry trees throughout the stand that were retained during the last harvest.																																						
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84	3303 - Mixed Low Density Trees	Nonstocked	1.2		Unspecified	No	There is a nice sparse mix of red maple, paper birch, white spruce, aspen, and white pine. The stand has a mostly open understory.																																						
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85	4112 - Maple, Beech, Cherry Association	Sawtimber Well	1.0	47	1-50	N/A	This is a semi-high spot with spaced out trees and open understory.																																						
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86	622 - Lowland Shrub	Nonstocked	1.8		Immature	No	This stand is full of pole sized ash that are dead. What is left is a lowland shrub understory.																																						
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87	622 - Lowland Shrub	Nonstocked	0.9		Immature	No																																							
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89	623 - Emergent Wetland	Nonstocked	4.7			No																																							



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																				
90	6233 - Wet Meadow	Nonstocked	5.6		Immature	No	Portions of this stand have dense dead ash saplings.																																				
91	6230 - Cattail	Nonstocked	2.4	0		No																																					
92	622 - Lowland Shrub	Nonstocked	6.0		Immature	No	The harvest of this stand was completed by April of 1994.																																				
93	622 - Lowland Shrub	Nonstocked	3.5	0		No	The harvest of this stand was completed by April of 1994. It is likely that this lowland area converted to shrub after the 1994 harvest.																																				
94	6119 - Mixed Lowland Deciduous Forest	Poletimber Poor	2.8	36	1-50	N/A	All trees with a merchantable stick were harvested from this stand by September of 1984.																																				
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95	622 - Lowland Shrub	Nonstocked	4.4		Unspecified	No	All trees with a merchantable stick were harvested from this stand by September of 1984. This stand is mostly dead pole/sapling sized black ash.  This stand has between 15 and 20 percent tree canopy (scattered red maple and black cherry) but has full coverage of shrub and it is lowland. Therefore, it is called out as lowland shrub.																																				
96	6113 - Lowland Maple	Sawtimber Poor	3.7	36	51-80	N/A																																					
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97	6120 - Lowland Cedar	Poletimber Poor	8.6	95	1-50	N/A																																					
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99	623 - Emergent Wetland	Nonstocked	6.2			No	There is high beaver activity in this area which has led to the flooding of this drainage area. Varying densities of dead sapling ash are present. Beaver are downing trees along the edge of this stand and beaver dams and lodges are present.																																				



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																		
<b>100</b>	622 - Lowland Shrub	Nonstocked	1.0		Immature	No	All trees with a merchantable stick were harvested from this stand by September of 1984.																																		
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<b>101</b>	622 - Lowland Shrub	Nonstocked	0.9	0		No																																			
<b>102</b>	6111 - Lowland Balsam Poplar	Poletimber Well	16.7	36	51-80	N/A	All trees with a merchantable stick were harvested from this stand by September of 1984. The few pockets of quaking aspen are on higher ground. The stand is dominated by low ground area with balsam poplar. Shrub is present throughout the stand.																																		
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<b>103</b>	622 - Lowland Shrub	Nonstocked	0.8		Immature	No	All trees with a merchantable stick were harvested from this stand by September of 1984.																																		
<b>104</b>	6113 - Lowland Maple	Poletimber Well	1.8	35	1-50	N/A	According to harvest records, the harvest of this stand was completed in September of 1983. This stand is a good healthy example of maple flat regeneration.																																		
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Red Maple	99	Pole/Sapling	6	35																																					
<b>105</b>	623 - Emergent Wetland	Nonstocked	1.6		Immature	No	The south end is open and flooded with lowland shrub at its edges. The narrower northern portion is seasonally flooded and is mainly dense and dead sapling size black ash.																																		
<b>106</b>	6111 - Lowland Balsam Poplar	Poletimber Poor	9.0	32	1-50	N/A	Portions of this stand is lowland shrub but overall this stand is lightly forested. Currently there is not enough volume to warrant harvesting. This stand is borderline too wet to harvest. There are many dead pole sized ash in the canopy.																																		
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<b>107</b>	622 - Lowland Shrub	Nonstocked	2.5		Immature	No	The area is a drainage backed up with water due to a beaver dam blockage at the south end. Beaver sign is present along the edges and within the flooding. Lowland shrub covers most of the area.																																		
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<b>108</b>	6233 - Wet Meadow	Nonstocked	6.3		Immature	Managed Opening	There is signs of past beaver activity along the edge. Most of this stand was covered with water and iced over in January of 2019.																																		



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<b>109</b>	6113 - Lowland Maple	Poletimber Poor	3.8	44	1-50	N/A	This stand is too wet to harvest. There is about 20-30% dead black ash in the canopy. Portions of this stand are log to Xlog sized red maple.																																													
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<b>110</b>	500 - Water	Nonstocked	2.1		Immature	No	This area was flooded and frozen over in January of 2019.																																													
<b>111</b>	6113 - Lowland Maple	Sawtimber Poor	6.8	103	51-80	N/A	This is a lowland maple flat drainage that is part of a larger fragmented drainage that dominates the greater landscape.																																													
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<b>112</b>	622 - Lowland Shrub	Nonstocked	3.6		Immature	No																																														
<b>113</b>	622 - Lowland Shrub	Nonstocked	1.3			No																																														
<b>114</b>	6112 - Lowland Aspen	Sawtimber Medium	5.7	94	51-80	N/A	The aspen have long been fallig out of the canopy.																																													
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<b>115</b>	6119 - Mixed Lowland Deciduous Forest	Sawtimber Medium	17.1	98	51-80	N/A	There is not a lot of timber volume in this stand. There is a fairly dense understory of lowland shrub throughout.																																													
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<b>116</b>	623 - Emergent Wetland	Nonstocked	5.2		Immature	No	This stand is basically a drainage with standing water/emergent wetland. In January of 2019 the majority of this area was standing water frozen over. The southern end of the stand has a mix of lowland shrub, cattail, and standing or slow flowing drainage water. There is sign of minimal beaver activity in the area.																																													



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																				
117	622 - Lowland Shrub	Nonstocked	5.4		Immature	No	This stand is a mix of lowland shrub, cattail, and low density trees.																																				
118	6113 - Lowland Maple	Poletimber Medium	9.5	36	1-50	N/A																																					
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119	6220 - Alder/willow	Nonstocked	2.3			No	Stand swapped from Forested to Non-Forested. There is scattered pole sized red maple in this lowland shrub.																																				
120	622 - Lowland Shrub	Nonstocked	10.7		Immature	No	This stand is lowland shrub with scattered log/pole sized cedar, tamarack, and red maple.																																				
121	6113 - Lowland Maple	Sawtimber Well	16.6	98	51-80	N/A																																					
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122	330 - Low-Density Trees	Nonstocked	1.6		Immature	No	There is dead pole/sapling sized black ash and scattered red maple of pole to sapling size.																																				