



# Compartment Review Presentation

Atlanta Forest Management Unit

Compartment 54096

Entry Year 2024

Acreage: 1,719

County Alpena

Management Area: Alpena Lake Plain

---

**Stand Examiner:** Caleb Fenton

**Legal Description:**

T31N R5E SEC. 4,9, & 16

**Identified Planning Goals:**

The management goal for the compartment is to maintain resource management in the area. Resources maintained include: recreation, timber production, and wildlife opportunities.

**Soil and topography:**

The compartment is generally flat with slightly more topography in the north. Soils are mostly organic muck, decomposing plant materials, and poorly drained sands. This compartment is part of the Long Swamp.

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

Ownership surrounding the compartment is comprised of mainly state land, with the Thunderbay River as the southern border. There is a small percentage of private ownership bordering the compartment in the northeast. Land use within the compartment includes: hunting, snowmobiling, and timber production. The compartment is three miles east of the Village of Hillman.

**Unique Natural Features:**

The compartment is part of the influence zone for a Great Blue Heron Rookery (located in compartment 97) as well as a Male Fern (*Dryopteris filix-mas*) to the east.

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

None reported.

**Special Management Designations or Considerations:**

None reported.

**Watershed and Fisheries Considerations:**

The Thunderbay River forms the compartment's southern boundary.

**Wildlife Habitat Considerations:**

Compartment 96 is dominated by lowland cover types including swamp hardwoods, balsam poplar, and lowland brush. These cover types provide rich habitat for pileated woodpeckers, American woodcock, ruffed grouse, wild turkey, white-tailed deer, black bear, beaver, bald eagle, and a wide variety of reptiles, amphibians, and songbirds. Vernal ponds found in this compartment should be buffered from any future treatments to limit impacts on wildlife dependent on those systems.

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

Surface sediments consist of peat and muck and dune sand. The glacial drift thickness varies between 10 and 100 feet. Beneath the glacial drift are the Devonian Antrim Shale and Traverse Group, which are quarried for limestone and cement products. A gravel pit is located one and one-half miles to the southeast, but potential appears to be limited. This area has not had much drilling for oil and gas. Additional drilling for the Antrim Shale is unlikely, as the Antrim Shale appears to be thinning in this area. There are no oil and gas leases currently.

**Vehicle Access:**

The compartment is accessible from Long Rapids Road and the Hillman-Alpena snowmobile trail. There is also a road that provides access to the northern part of the stand along a sandy ridge and a potential access through the adjacent compartment (compartment 97). Access within the compartment is poor, due to the large wetland component.

**Survey Needs:**

No surveys needed at this time.

**Recreational Facilities and Opportunities:**

The former D&M railroad grade comprises one mile of snowmobile trail that runs W/E through the southern portion of the compartment. This area is used for hunting various game species as well as potential for wildlife viewing.

**Fire Protection:**

Covered under the Alpena DNR.

**Additional Compartment Information:**

The following reports from the Inventory are attached:

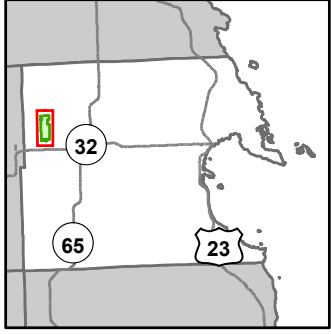
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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

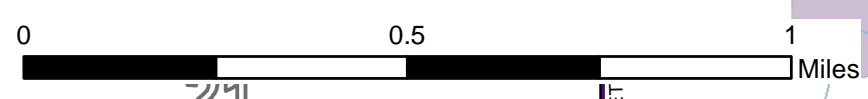
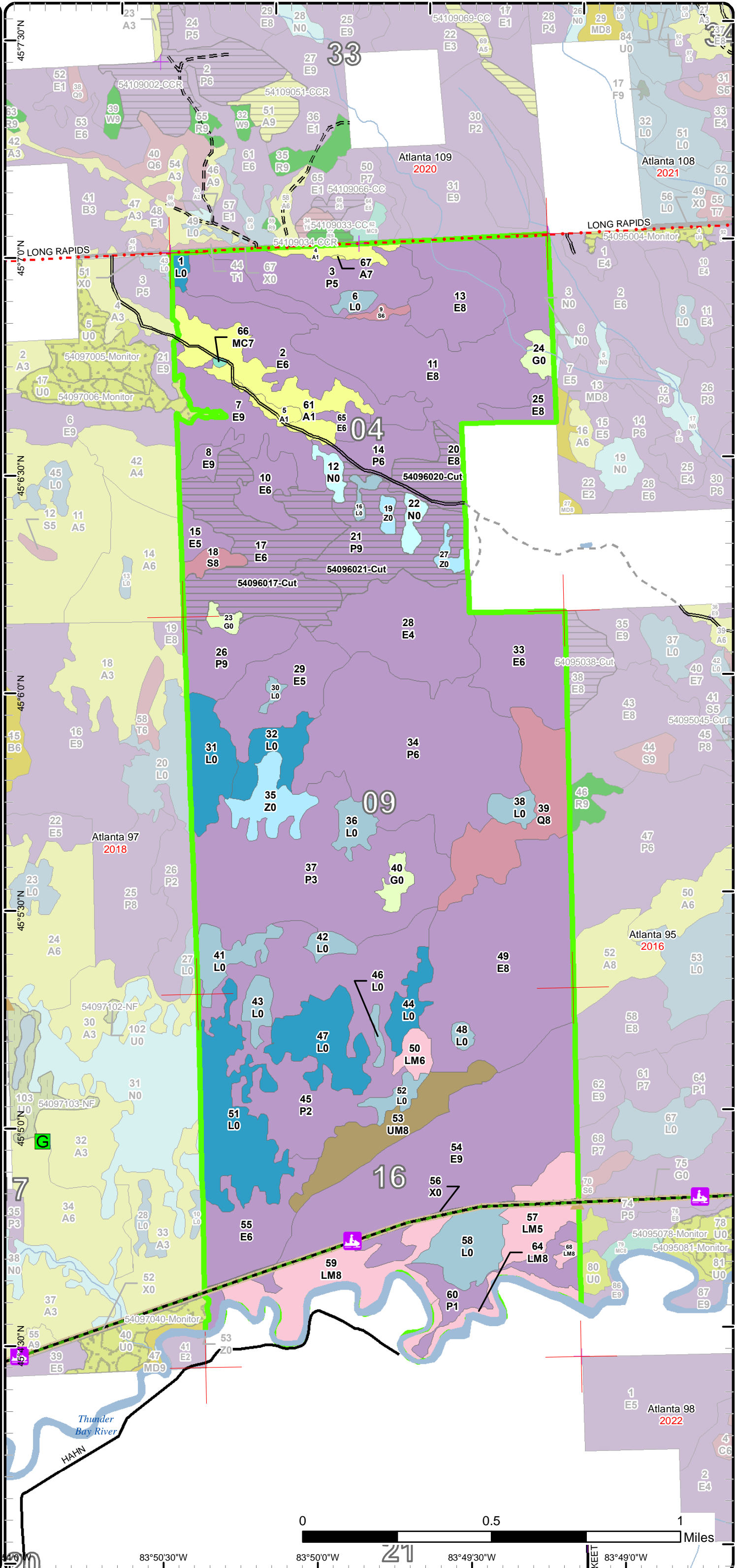
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

# Cover Type & Treatments Map

Compartment: 96  
 T31N, R05E, Sec. 4, 9, 16  
 County: Alpena  
 Unit: Atlanta  
 Mgmt Area: Alpena Lake Plain  
 YOE: 2024  
 Acres: 1719 GIS Calculated  
 Examiner: Caleb Fenton  
 Map Revised: 11/16/2022  
 Map Phase: Post-Review



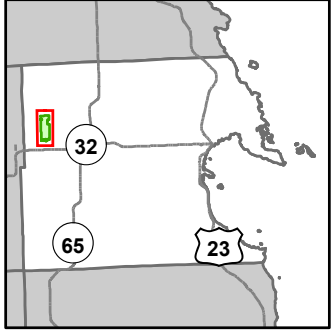
- Miris Corners
- + Remonumented Section Corners
- Counties
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State / County - Paved Road
- County - Gravel Road
- Private - Dirt / Gravel Road
- Snowmobile Trails
- Designated Hiking Trails
- Designated Bicycle Trails
- Designated Multi-Use Trails
- Designated Snowmobile Trails
- Designated RailTrail
- Lake/Pond
- Perennial River
- Lakes and Rivers
- ▲ Berms
- G Gate
- Compartment Boundary
- Clearcut (w/Reserves)
- 413 - Aspen
- 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
- 500 - Water
- 622 - Lowland Shrub
- 623 - Emergent Wetland
- 629 - Mixed Non-forested Wetland



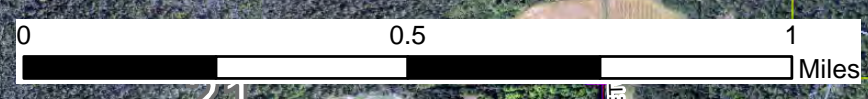
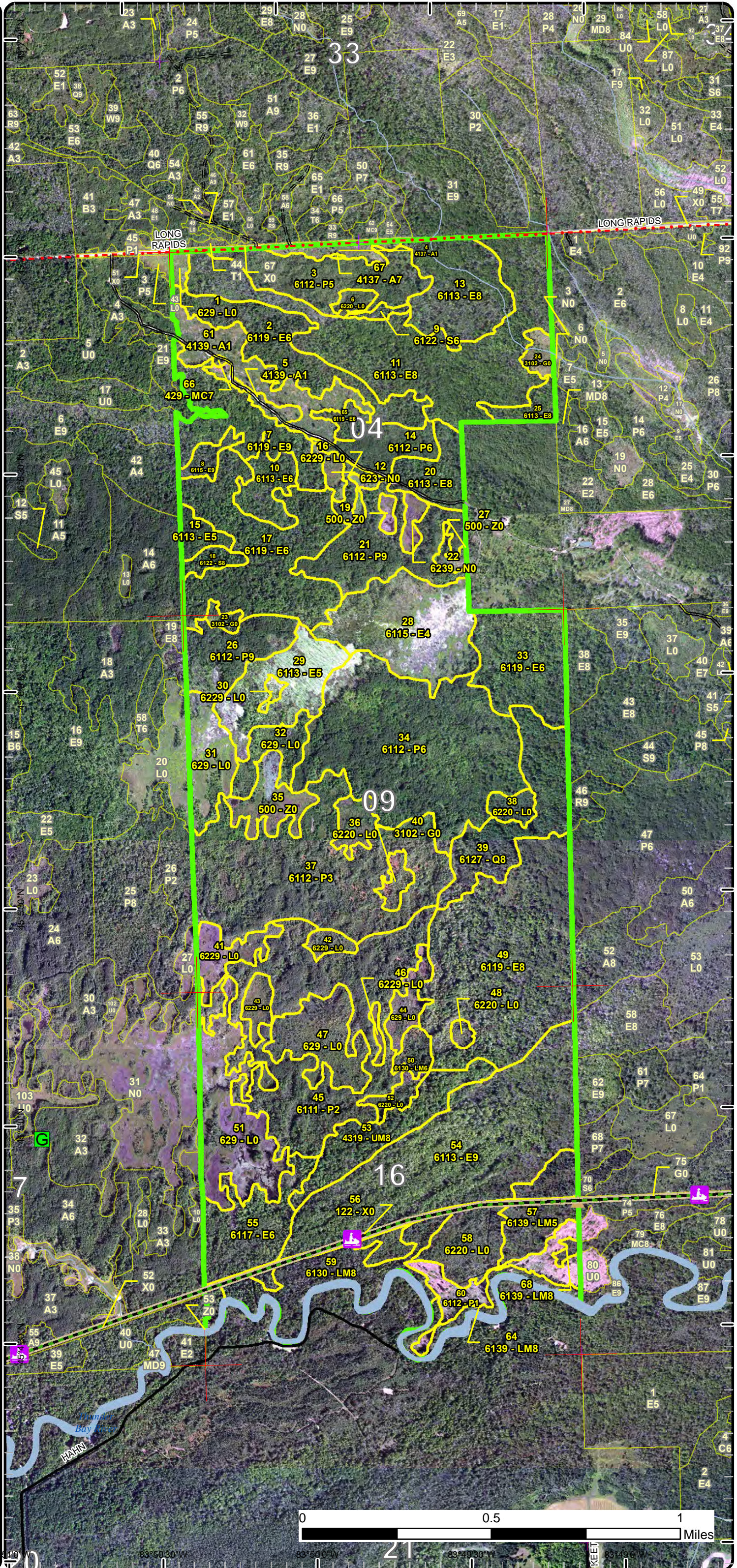
83°50'30"W      83°50'0"W      83°49'30"W      83°49'0"W

# Stand Boundary Map

Compartment: 96  
 T31N, R05E, Sec. 4, 9, 16  
 County: Alpena  
 Unit: Atlanta  
 Mgmt Area: Alpena Lake Plain  
 YOE: 2024  
 Acres: 1719 GIS Calculated  
 Examiner: Caleb Fenton  
 Map Revised: 11/16/2022  
 Map Phase: Post-Review



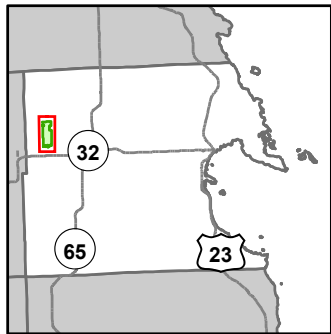
- Miris Corners
- + Remonumented Section Corners
- Counties
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State / County - Paved Road
- County - Gravel Road
- Private - Dirt / Gravel Road
- Snowmobile Trails
- Designated Hiking Trails
- Designated Bicycle Trails
- Designated Multi-Use Trails
- Designated Snowmobile Trails
- Designated RailTrail
- Lake/Pond
- Perennial River
- Lakes and Rivers
- ▲ Berms
- G Gate
- Compartment Boundary
- Stand Boundaries
- 413 - Aspen
- 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
- 500 - Water
- 622 - Lowland Shrub
- 623 - Emergent Wetland
- 629 - Mixed Non-forested Wetland



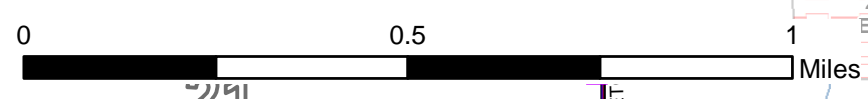
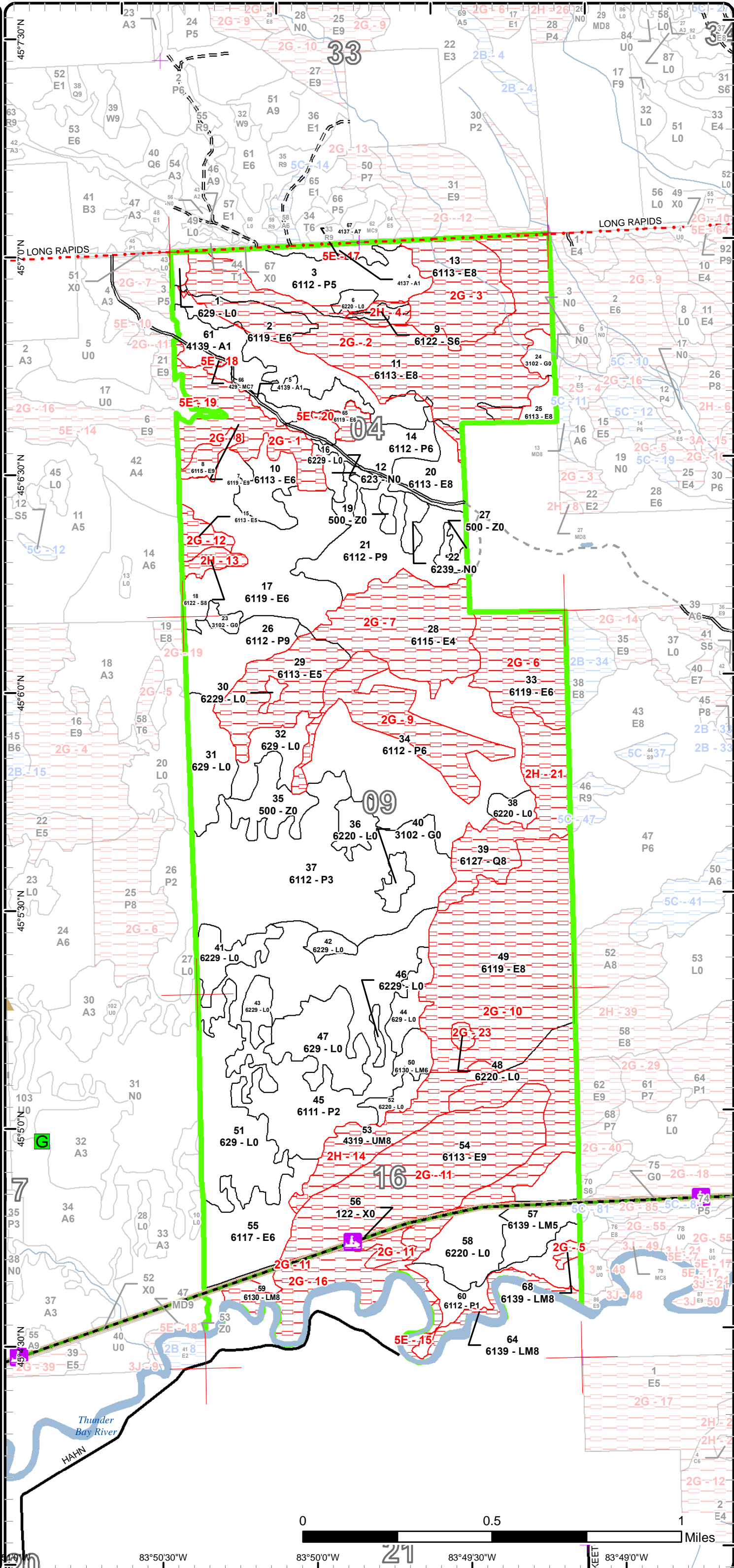
83°50'30" W 83°50'0" W 83°49'30" W 83°49'0" W

# Special Conservation Areas

Compartment: 96  
 T31N, R05E, Sec. 4, 9, 16  
 County: Alpena  
 Unit: Atlanta  
 Mgmt Area: Alpena Lake Plain  
 YOE: 2024  
 Acres: 1719 GIS Calculated  
 Examiner: Caleb Fenton  
 Map Revised: 11/16/2022  
 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
- Private - Dirt / Gravel Road
- Snowmobile Trails
- Designated Hiking Trails
- Designated Bicycle Trails
- Designated Multi-Use Trails
- Designated Snowmobile Trails
- Designated RailTrail
- Lake/Pond
- Perennial River
- Lakes and Rivers
- ▲ Berms
- G Gate
- Compartment Boundary
- Unavailable
- 2G: Too wet (sensitive soils, does not include access issues)
- 2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)
- 5E: Long-Term Retention
- Stand Boundaries



83°50'30"W      83°50'0"W      83°49'30"W      83°49'0"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	43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	43
Herbaceous Openland	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14
Lowland Aspen/Balsam Poplar	0	20	0	0	237	108	0	0	0	0	0	0	0	0	0	0	0	124	489
Lowland Conifers	0	0	0	0	0	0	0	0	42	0	0	0	0	0	0	0	0	0	42
Lowland Deciduous	0	0	0	38	0	55	0	53	68	73	314	0	41	0	0	0	0	130	772
Lowland Mixed Forest	0	0	0	0	0	0	6	24	2	0	0	39	0	0	0	0	0	13	84
Lowland Shrub	202	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	202
Lowland Spruce/Fir	0	0	0	0	0	0	0	0	0	0	7	0	0	0	0	0	0	0	7
Marsh	9	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	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Upland Mixed Forest	0	0	0	0	0	0	0	0	0	0	0	0	0	30	0	0	0	0	30
Urban	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
Water	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22
<b>Total</b>	<b>255</b>	<b>63</b>	<b>0</b>	<b>38</b>	<b>237</b>	<b>163</b>	<b>6</b>	<b>77</b>	<b>70</b>	<b>115</b>	<b>321</b>	<b>40</b>	<b>41</b>	<b>0</b>	<b>30</b>	<b>0</b>	<b>0</b>	<b>267</b>	<b>1721</b>



## Report 2 – Treatment Summary

Atlanta Mgt. Unit

Year of Entry: 2024

Acres of Harvest

Compartment 96

Total Compartment Acres: 1,719

Commercial Harvest - 134  
 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
Lowland Aspen/Balsam Poplar	45	0	0	0	0	0	0	0	0	45
Lowland Deciduous	89	0	0	0	0	0	0	0	0	89
<b>Total</b>	<b>134</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>134</b>

### Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	134	0	0	0	0	0	0	0	0	134
Next Step	0	0	0	0	0	0	134	0	0	134
<b>Total</b>	<b>134</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>134</b>	<b>0</b>	<b>0</b>	<b>268</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	Habitat Cut
-----------------------	----------------	-------	-----------------	--------------	-----------	----------	----------------	------------------	----------------------	---------------	-------------

**Approved Treatments:**

17	54096017-Cut	73.0	6119 - Mixed Lowland Deciduous Forest	Poetimber Well	87	1-50	Harvest	Clearcut with Retention	6119 - Mixed Lowland Deciduous Forest	Even-Aged	No
<p><u>Prescription</u> clearcut with 3 - 10% left as retention.  <u>Specs:</u> follow BMP guidance to maintain the proper distance from the bodies of water. leave all pine.  <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)  <u>Treatments:</u>  <u>Acceptable Regen:</u> acceptable regen is moderate to fully stocked aspen, red maple, paper birch, and spruce.  <u>Other Comment:</u> over mature aspen throughout. becomes more wet to the south.  <u>Site Condition</u>  <u>Proposed Start Date:</u> 10/1 /2023</p>											
20	54096020-Cut	16.2	6113 - Lowland Maple	Sawtimber Medium	79	81-110	Harvest	Clearcut with Retention	6113 - Lowland Maple	Even-Aged	No
<p><u>Prescription</u> clearcut with 3 - 10% left as retention.  <u>Specs:</u> follow BMP guidance to maintain the proper distance from the bodies of water. leave all pine.  <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)  <u>Treatments:</u>  <u>Acceptable Regen:</u> moderate to well stocking of aspen, maple, or black spruce.  <u>Other Comment:</u> stand becomes increasingly wet to the north harvest in frozen or extremely dry conditions. corners not found during inventory  <u>Site Condition</u>  <u>Proposed Start Date:</u> 10/1 /2023</p>											
21	54096021-Cut	44.8	6112 - Lowland Aspen	Sawtimber Well	49	81-110	Harvest	Clearcut with Retention	6112 - Lowland Aspen	Even-Aged	No
<p><u>Prescription</u> clearcut with 3 - 10% left as retention.  <u>Specs:</u> follow BMP guidance to maintain the proper distance from the bodies of water. leave all pine.  <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)  <u>Treatments:</u>  <u>Acceptable Regen:</u> acceptable regen is moderate to high stocking of aspen, red maple, or paper birch.  <u>Other Comment:</u> harvest in frozen frozen conditions. several pockets of wet areas throughout stand. May have to mark around them. Access would be between stands 16 and 19 or 19 and 22. good landing location right off the bb truck trail.  <u>Site Condition</u>  <u>Proposed Start Date:</u> 10/1 /2023</p>											

**Total Treatment 134**  
**Acreage Proposed:**



## Report 4 – Site Conditions

Atlanta Mgt. Unit  
Caleb Fenton : Examiner

Compartment: 96  
Year of Entry: 2024

### Availability for Management

Total Acres	Acres Available	Acres Available With Condition	Acres Not Available	Dominant Site Conditions		
Acres	Available	With Condition	Not Available	2G	2H	5E
43	43	0	0	Aspen	0	0
13	13	0	0	Herbaceous Openland	0	
490	447	0	43	Lowland Aspen/Balsam Poplar	42	1
42	0	0	42	Lowland Conifers	0	42
770	175	0	595	Lowland Deciduous	587	2
84	30	0	54	Lowland Mixed Forest	41	13
201	198	0	3	Lowland Shrub	3	0
7	0	0	7	Lowland Spruce/Fir	0	7
9	9	0	0	Marsh		
1	0	0	0	Upland Conifers		0
30	0	0	30	Upland Mixed Forest		30
8	8	0	0	Urban	0	
22	22	0	0	Water		
1,719	944		775	Total Forested Acres	673	82
	55%		45%	Relative Percent		

*\*Due to limitations in the current Site Conditions Analysis tool, all nonforested acres are considered available. Future development will enable analysis of nonforested types.*

Site No.	Dominant Site Cond Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
1	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	34	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
2	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	125	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							

## Report 4 – Site Conditions

Atlanta Mgt. Unit  
Caleb Fenton : Examiner

Compartment: 96  
Year of Entry: 2024

3	<b>Unavailable</b>	2G: Too wet (sensitive soils, does not include access issues)	39	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
4	<b>Unavailable</b>	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	5	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
5	<b>Unavailable</b>	2G: Too wet (sensitive soils, does not include access issues)	2	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
6	<b>Unavailable</b>	2G: Too wet (sensitive soils, does not include access issues)	41	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
7	<b>Unavailable</b>	2G: Too wet (sensitive soils, does not include access issues)	90	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> Estimated from 1998 DOQ.							

## Report 4 – Site Conditions

Atlanta Mgt. Unit  
Caleb Fenton : Examiner

Compartment: 96  
Year of Entry: 2024

8	<b>Unavailable</b>	<b>2G: Too wet (sensitive soils, does not include access issues)</b>	6	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
9	<b>Unavailable</b>	<b>2G: Too wet (sensitive soils, does not include access issues)</b>	41	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> Estimated from 1998 DOQ.							
10	<b>Unavailable</b>	<b>2G: Too wet (sensitive soils, does not include access issues)</b>	157	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
11	<b>Unavailable</b>	<b>2G: Too wet (sensitive soils, does not include access issues)</b>	92	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
12	<b>Unavailable</b>	<b>2G: Too wet (sensitive soils, does not include access issues)</b>	7	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							

## Report 4 – Site Conditions

Atlanta Mgt. Unit  
Caleb Fenton : Examiner

Compartment: 96  
Year of Entry: 2024

13	<b>Unavailable</b>	<b>2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)</b>	5	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
14	<b>Unavailable</b>	<b>2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)</b>	30	3K: Rare or unique landforms	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
15	<b>Unavailable</b>	<b>5E: Long-Term Retention</b>	13	3J: Water quality / BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
<b>Comments:</b> This is retention for stand 60 in compartment 96. Retention for Sale No. 54-001-013-01							
16	<b>Unavailable</b>	<b>2G: Too wet (sensitive soils, does not include access issues)</b>	39	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
17	<b>Unavailable</b>	<b>5E: Long-Term Retention</b>	0	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> This is retention for stand 4 in compartment 96. Retention for Sale No. 54-005-014-01							
18	<b>Unavailable</b>	<b>5E: Long-Term Retention</b>	1	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> This is retention for stand 5 in compartment 96. Retention for Sale No. 54-005-014-01							

## Report 4 – Site Conditions

Atlanta Mgt. Unit  
Caleb Fenton : Examiner

Compartment: 96  
Year of Entry: 2024

19	<b>Unavailable</b>	<b>5E: Long-Term Retention</b>	0	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
<b>Comments:</b> This is long term retention for Timber Sale No. 54-031-17; Timber Sale Name: Long Swamp Deciduous Mix. This is long term retention for the 3 acre harvest to the west.							
20	<b>Unavailable</b>	<b>5E: Long-Term Retention</b>	5	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
<b>Comments:</b> This is retention for stand 2 in compartment 96. Retention for Sale No. 54-005-014-01							
21	<b>Unavailable</b>	<b>2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)</b>	42	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
23	<b>Unavailable</b>	<b>2G: Too wet (sensitive soils, does not include access issues)</b>	2	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> This is retention for stand 2 in compartment 96.							

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
----------	--------------	-------------	----------------	-------

---

Comments

---

Mgt. Unit

Compartment:

Year of Entry



### Report 6 – EXISTING SPECIAL CONSERVATION AREA DETAILS

\* This is a list of SCA's for this compartment along with a 1/4 mile buffer surrounding the compartment. Refer to the Special Conservation Area Map for locations of the below listed Conservation Areas.

ERA = Ecological Reference Area  
HCVA = High Conservation Value Area  
SCA = Special Conservation Area

Conservation Area	Type	Description
-------------------	------	-------------



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
-------	--------------------	--------------	-------	-----------	----------	--------------	------------------

1 629 - Mixed non-forested wetland Nonstocked 2.7 Immature No

2 6119 - Mixed Lowland Deciduous Forest Poletimber Well 39.7 64 51-80 N/A

The southern higher ground portion of this stand was harvested. These should have been separated out as two separate stands. The old stand data that included the higher ground is still the data seen on this stand.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Basswood	10	Pole	9		Aspen (spp.)	Medium	10 - 20 feet	Sapling
Paper Birch	15	Log/Pole	10		Red Maple	Medium	< 5 feet	Sapling
Quaking Aspen	35	Pole/Log/Sap	9	64	Black Spruce	Low	Variable	Sapling
White Spruce	10	Pole/Sapling	6	49				
Red Maple	30	Pole/Sap/Log	7					

3 6112 - Lowland Aspen Poletimber Medium 36.6 42 51-80 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Paper Birch	5	Sapling	3		Black Ash	Low	10 - 20 feet	Sapling
Black Spruce	5	Sapling	2		Tag Alder	High	10 - 20 feet	Tall Shrub
Quaking Aspen	90	Pole/Sapling	5	42				

4 4137 - Aspen, Birch Sapling Poor 7.0 7 Immature N/A

This stand was harvested as part of Timber Sale No. 54-005-14-01.

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	29	Sapling	3	
Quaking Aspen	45	Sapling	3	7
Paper Birch	25	Sapling	3	
Red Pine	1	Log	15	

5 4139 - Aspen, Mixed Deciduous Sapling Poor 5.6 7 Immature N/A

Canopy Species	% Cover	Size Class	DBH	Age
Paper Birch	5	Sapling	1	
White Pine	1	Log/XLog	17	
Red Maple	38	Sapling	1	
Red Pine	1	Log	17	
Red Oak	5	Sapling	1	
Quaking Aspen	50	Sapling	1	7

6 6220 - Alder/willow Nonstocked 3.3 No New stand added.





Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments		
7	6119 - Mixed Lowland Deciduous Forest	Sawtimber Well	34.9	98	81-110	N/A	Low areas with standing water. Substantial blowdown, mostly declining aspen. Scattered white and black spruce present in the stand.		
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>
Paper Birch		15	Pole/Log	8		Ironwood	Low	5 - 10 feet	Tall Shrub
Bigtooth Aspen		20	Log/Pole	13		Hazelnut (Spp.)	Medium	< 5 feet	Tall Shrub
Black Spruce		5	Log/Pole	12		Red Maple	Medium	10 - 20 feet	Sapling
Black Ash		30	Log/Pole	11	98				
Red Maple		25	Pole/Sap/Log	7					
Basswood		5	Log	14					
8	6115 - Lowland Ash	Sawtimber Well	5.7	98	81-110	N/A	Standing water.		
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>
Black Ash		60	Log	14	98	Red Maple	Medium	Variable	Sapling
Red Maple		40	Log/Pole	11		Black Ash	Low	Variable	Sapling
9	6122 - Black Spruce	Poletimber Well	2.3	92	51-80	N/A			
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>
Balsam Fir		5	Pole/Sapling	6		Paper Birch	Low	10 - 20 feet	Sapling
White Spruce		5	Pole/Sap/Log	8		Balsam Fir	Low	10 - 20 feet	Sapling
Black Spruce		70	Pole/Log/Sap	9	92	Black Spruce	Low	5 - 10 feet	Sapling
White Pine		10	Log/Pole	11					
Red Pine		5	Log	14					
Paper Birch		5	Pole/Sapling	5					
10	6113 - Lowland Maple	Poletimber Well	14.8	73	51-80	N/A	A few scattered large red pine. Wet ground.		
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>
White Spruce		5	Log	10		Red Maple	High	Variable	Sapling
Bigtooth Aspen		25	Pole/Log	9		Black Cherry	Low	>20 feet	Sapling
Red Maple		65	Pole/Sap/Log	9	73	Tag Alder	Medium	5 - 10 feet	Tall Shrub
Paper Birch		5	Pole	9		Ironwood	Low	5 - 10 feet	Tall Shrub
11	6113 - Lowland Maple	Sawtimber Medium	108.5	97	171-200	N/A			
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>
Black Ash		40	Pole	8	79	Red Maple	Medium	Variable	Sapling
Red Maple		60	Log/Pole	13	97				
12	623 - Emergent Wetland	Nonstocked	4.1			No			



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
-------	--------------------	--------------	-------	-----------	----------	--------------	------------------

<b>13</b>	6113 - Lowland Maple	Sawtimber Medium	38.6	94	111-140	N/A	Varying amounts of standing water throughout the stand.
-----------	----------------------	------------------	------	----	---------	-----	---

Canopy Species	% Cover	Size Class	DBH	Age
Black Ash	30	Pole/Sap/Log	8	94
Red Maple	70	Log/Pole	12	94

<b>14</b>	6112 - Lowland Aspen	Poletimber Well	17.0	36	1-50	N/A	
-----------	----------------------	-----------------	------	----	------	-----	--

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	2	Pole/Sapling	5		Black Cherry	Trace	10 - 20 feet	Sapling
White Spruce	2	Sapling/Pole	4		Nannyberry	Low	< 5 feet	Tall Shrub
Black Cherry	1	Pole/Sapling	5		Red Maple	Medium	10 - 20 feet	Sapling
Paper Birch	2	Pole/Sapling	5		Paper Birch	Low	10 - 20 feet	Sapling
Quaking Aspen	93	Pole/Sapling	5	36	Quaking Aspen	High	10 - 20 feet	Sapling

<b>15</b>	6113 - Lowland Maple	Poletimber Medium	7.1	94	51-80	N/A	Dense tag alder in areas.
-----------	----------------------	-------------------	-----	----	-------	-----	---------------------------

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	75	Pole	7	94	Red Maple	Medium	5 - 10 feet	Sapling
Basswood	10	Log	14		Tag Alder	High	5 - 10 feet	Tall Shrub
Paper Birch	15	Pole/Sapling	5					

<b>16</b>	6229 - Mixed lowland shrub	Nonstocked	2.6		Immature	No	
-----------	----------------------------	------------	-----	--	----------	----	--

<b>17</b>	6119 - Mixed Lowland Deciduous Forest	Poletimber Well	73.0	87	1-50	N/A	Large standing dead snags. Over mature aspen and birch; Large scattered red pine and black spruce throughout the stand. scattered cedar
-----------	---------------------------------------	-----------------	------	----	------	-----	---

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	40	Pole	6	87	Quaking Aspen	High	10 - 20 feet	Sapling
Paper Birch	20	Pole/Log	8		Tag Alder	Low	5 - 10 feet	Tall Shrub
Bigtooth Aspen	15	Log/Pole	13		Red Maple	High	Variable	Sapling
White Spruce	5	Pole/Log	8		Bigtooth Aspen	High	10 - 20 feet	Sapling
Quaking Aspen	20	Log/Pole	13		Paper Birch	Low	10 - 20 feet	Sapling

<b>18</b>	6122 - Black Spruce	Sawtimber Medium	5.2	96	1-50	N/A	
-----------	---------------------	------------------	-----	----	------	-----	--

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	10	Pole/Sapling	6		Black Spruce	Low	Variable	Sapling
Paper Birch	10	Pole/Sapling	7		Tag Alder	Low	5 - 10 feet	Tall Shrub
Bigtooth Aspen	10	Log	10		Labrador Tea	High	< 5 feet	Tall Shrub
Black Spruce	60	Log/Pole	10	96	Red Maple	Medium	5 - 10 feet	Sapling
Paper Birch	10	Pole/Log/Sap	9					

<b>19</b>	500 - Water	Nonstocked	2.4		Immature	No	call made using 2020 leaf off and leaf on CIR imagery
-----------	-------------	------------	-----	--	----------	----	---



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																	
20	6113 - Lowland Maple	Sawtimber Medium	17.7	79	81-110	N/A																																																		
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Paper Birch</td> <td>1</td> <td>Pole/Log</td> <td>8</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>63</td> <td>Log/Pole</td> <td>10</td> <td>79</td> </tr> <tr> <td>Black Spruce</td> <td>10</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>Black Cherry</td> <td>1</td> <td>Pole/Sapling</td> <td>5</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>25</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Paper Birch	1	Pole/Log	8		Red Maple	63	Log/Pole	10	79	Black Spruce	10	Pole	8		Black Cherry	1	Pole/Sapling	5		Bigtooth Aspen	25	Log/Pole	10		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Tag Alder</td> <td>Low</td> <td>Variable</td> <td>Tall Shrub</td> </tr> <tr> <td>Red Maple</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Tag Alder	Low	Variable	Tall Shrub	Red Maple	Medium	Variable	Sapling											
Canopy Species	% Cover	Size Class	DBH	Age																																																				
Paper Birch	1	Pole/Log	8																																																					
Red Maple	63	Log/Pole	10	79																																																				
Black Spruce	10	Pole	8																																																					
Black Cherry	1	Pole/Sapling	5																																																					
Bigtooth Aspen	25	Log/Pole	10																																																					
Sub-Canopy Species	Density	Avg. Height	Size																																																					
Tag Alder	Low	Variable	Tall Shrub																																																					
Red Maple	Medium	Variable	Sapling																																																					
21	6112 - Lowland Aspen	Sawtimber Well	44.8	49	81-110	N/A	Higher ground areas of nice aspen, scattered areas of young aspen. Beaver activity present in stand.																																																	
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Bigtooth Aspen</td> <td>40</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>15</td> <td>Pole/Sapling</td> <td>7</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>40</td> <td>Log/Pole</td> <td>10</td> <td>49</td> </tr> <tr> <td>Paper Birch</td> <td>5</td> <td>Log</td> <td>11</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Bigtooth Aspen	40	Log/Pole	10		Red Maple	15	Pole/Sapling	7		Quaking Aspen	40	Log/Pole	10	49	Paper Birch	5	Log	11		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Tag Alder</td> <td>High</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Quaking Aspen</td> <td>Medium</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Black Ash</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Red Maple</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Tag Alder	High	5 - 10 feet	Tall Shrub	Quaking Aspen	Medium	10 - 20 feet	Sapling	Black Ash	Low	5 - 10 feet	Sapling	Red Maple	Medium	Variable	Sapling								
Canopy Species	% Cover	Size Class	DBH	Age																																																				
Bigtooth Aspen	40	Log/Pole	10																																																					
Red Maple	15	Pole/Sapling	7																																																					
Quaking Aspen	40	Log/Pole	10	49																																																				
Paper Birch	5	Log	11																																																					
Sub-Canopy Species	Density	Avg. Height	Size																																																					
Tag Alder	High	5 - 10 feet	Tall Shrub																																																					
Quaking Aspen	Medium	10 - 20 feet	Sapling																																																					
Black Ash	Low	5 - 10 feet	Sapling																																																					
Red Maple	Medium	Variable	Sapling																																																					
22	6239 - Mixed Emergent Wetland	Nonstocked	4.4		Immature	No																																																		
23	3102 - Grass	Nonstocked	2.9			No																																																		
24	3102 - Grass	Nonstocked	5.3			No																																																		
25	6113 - Lowland Maple	Sawtimber Medium	7.5	67	81-110	N/A																																																		
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Bigtooth Aspen</td> <td>15</td> <td>Log</td> <td>13</td> <td></td> </tr> <tr> <td>White Spruce</td> <td>15</td> <td>Pole/Log</td> <td>9</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>10</td> <td>Pole</td> <td>7</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>60</td> <td>Log/Pole</td> <td>11</td> <td>67</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Bigtooth Aspen	15	Log	13		White Spruce	15	Pole/Log	9		Paper Birch	10	Pole	7		Red Maple	60	Log/Pole	11	67	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Balsam Fir</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>Low</td> <td>&lt; 5 feet</td> <td>Sapling</td> </tr> <tr> <td>Red Maple</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>White Spruce</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Tag Alder</td> <td>Medium</td> <td>Variable</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Low	5 - 10 feet	Sapling	White Pine	Low	< 5 feet	Sapling	Red Maple	Medium	Variable	Sapling	White Spruce	Low	5 - 10 feet	Sapling	Tag Alder	Medium	Variable	Tall Shrub				
Canopy Species	% Cover	Size Class	DBH	Age																																																				
Bigtooth Aspen	15	Log	13																																																					
White Spruce	15	Pole/Log	9																																																					
Paper Birch	10	Pole	7																																																					
Red Maple	60	Log/Pole	11	67																																																				
Sub-Canopy Species	Density	Avg. Height	Size																																																					
Balsam Fir	Low	5 - 10 feet	Sapling																																																					
White Pine	Low	< 5 feet	Sapling																																																					
Red Maple	Medium	Variable	Sapling																																																					
White Spruce	Low	5 - 10 feet	Sapling																																																					
Tag Alder	Medium	Variable	Tall Shrub																																																					
26	6112 - Lowland Aspen	Sawtimber Well	26.5	43	81-110	N/A	Standing water in places, drier toward the northern part of stand. Beaver activity present in stand.																																																	
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Bigtooth Aspen</td> <td>35</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> <tr> <td>Hemlock</td> <td>5</td> <td>Log</td> <td>14</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>35</td> <td>Log/Pole</td> <td>11</td> <td>43</td> </tr> <tr> <td>White Spruce</td> <td>5</td> <td>Log</td> <td>17</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>20</td> <td>Pole/Log</td> <td>8</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Bigtooth Aspen	35	Log/Pole	10		Hemlock	5	Log	14		Quaking Aspen	35	Log/Pole	11	43	White Spruce	5	Log	17		Red Maple	20	Pole/Log	8		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Ironwood</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Tag Alder</td> <td>Low</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Paper Birch</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Hemlock</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Ironwood	Low	5 - 10 feet	Sapling	Tag Alder	Low	5 - 10 feet	Tall Shrub	Paper Birch	Low	10 - 20 feet	Sapling	Hemlock	Low	10 - 20 feet	Sapling			
Canopy Species	% Cover	Size Class	DBH	Age																																																				
Bigtooth Aspen	35	Log/Pole	10																																																					
Hemlock	5	Log	14																																																					
Quaking Aspen	35	Log/Pole	11	43																																																				
White Spruce	5	Log	17																																																					
Red Maple	20	Pole/Log	8																																																					
Sub-Canopy Species	Density	Avg. Height	Size																																																					
Ironwood	Low	5 - 10 feet	Sapling																																																					
Tag Alder	Low	5 - 10 feet	Tall Shrub																																																					
Paper Birch	Low	10 - 20 feet	Sapling																																																					
Hemlock	Low	10 - 20 feet	Sapling																																																					
27	500 - Water	Nonstocked	3.2		Immature	No																																																		



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																																																	
<b>28</b>	6115 - Lowland Ash	Poletimber Poor	55.2	43	1-50	N/A	Standing water and beaver activity present. Lots of declining/dying ash, extremely wet/poor site. Cattails make up much of the understory.																																																																																	
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Black Ash</td> <td>100</td> <td>Pole</td> <td>6</td> <td>43</td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Black Ash	100	Pole	6	43																																																																							
Canopy Species	% Cover	Size Class	DBH	Age																																																																																				
Black Ash	100	Pole	6	43																																																																																				
<b>29</b>	6113 - Lowland Maple	Poletimber Medium	34.9	71	51-80	N/A	Heavy beaver activity. Standing water throughout. A few black willow scattered in stand.																																																																																	
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>90</td> <td>Pole/Log</td> <td>9</td> <td>71</td> </tr> <tr> <td>Black Ash</td> <td>10</td> <td>Pole/Sapling</td> <td>6</td> <td>66</td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	90	Pole/Log	9	71	Black Ash	10	Pole/Sapling	6	66																																																																		
Canopy Species	% Cover	Size Class	DBH	Age																																																																																				
Red Maple	90	Pole/Log	9	71																																																																																				
Black Ash	10	Pole/Sapling	6	66																																																																																				
<b>30</b>	6229 - Mixed lowland shrub	Nonstocked	1.8		Immature	No	New stand added. Stand swapped from Forested to Non-Forested.																																																																																	
<b>31</b>	629 - Mixed non-forested wetland	Nonstocked	21.7		Immature	No																																																																																		
<b>32</b>	629 - Mixed non-forested wetland	Nonstocked	14.1			No																																																																																		
<b>33</b>	6119 - Mixed Lowland Deciduous Forest	Poletimber Well	41.2	115	1-50	N/A	Standing water throughout a majority of the stand.																																																																																	
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Black Spruce</td> <td>5</td> <td>Pole</td> <td>6</td> <td></td> <td>Red Maple</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Northern White Cedar</td> <td>5</td> <td>Pole</td> <td>8</td> <td></td> <td>Tag Alder</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Bigtooth Aspen</td> <td>15</td> <td>Log/Pole</td> <td>13</td> <td></td> <td>Black Ash</td> <td>Medium</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Silver Maple</td> <td>5</td> <td>Log/Pole</td> <td>11</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Red Maple</td> <td>25</td> <td>Pole/Sapling</td> <td>5</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Basswood</td> <td>10</td> <td>Pole/Log</td> <td>9</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Black Ash</td> <td>30</td> <td>Log/Pole</td> <td>13</td> <td>115</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>5</td> <td>Pole/Sapling</td> <td>5</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	Black Spruce	5	Pole	6		Red Maple	Medium	Variable	Sapling	Northern White Cedar	5	Pole	8		Tag Alder	Medium	5 - 10 feet	Tall Shrub	Bigtooth Aspen	15	Log/Pole	13		Black Ash	Medium	10 - 20 feet	Sapling	Silver Maple	5	Log/Pole	11						Red Maple	25	Pole/Sapling	5						Basswood	10	Pole/Log	9						Black Ash	30	Log/Pole	13	115					Paper Birch	5	Pole/Sapling	5					
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size																																																																																
Black Spruce	5	Pole	6		Red Maple	Medium	Variable	Sapling																																																																																
Northern White Cedar	5	Pole	8		Tag Alder	Medium	5 - 10 feet	Tall Shrub																																																																																
Bigtooth Aspen	15	Log/Pole	13		Black Ash	Medium	10 - 20 feet	Sapling																																																																																
Silver Maple	5	Log/Pole	11																																																																																					
Red Maple	25	Pole/Sapling	5																																																																																					
Basswood	10	Pole/Log	9																																																																																					
Black Ash	30	Log/Pole	13	115																																																																																				
Paper Birch	5	Pole/Sapling	5																																																																																					
<b>34</b>	6112 - Lowland Aspen	Poletimber Well	124.1	43	111-140	N/A																																																																																		
<b>35</b>	500 - Water	Nonstocked	16.1			No																																																																																		
<b>36</b>	6220 - Alder/willow	Nonstocked	8.2		Immature	No	New stand added.																																																																																	



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																	
<b>37</b>	6112 - Lowland Aspen	Sapling Well	115.3	32	51-80	N/A	Scattered white pine, balsam fir, and white spruce. Occasional upland ridges, dominated mostly by lowlands.																																	
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>10</td> <td>Sapling</td> <td>3</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>35</td> <td>Sapling</td> <td>3</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>45</td> <td>Pole</td> <td>6</td> <td>32</td> </tr> <tr> <td>White Spruce</td> <td>10</td> <td>Sapling</td> <td>4</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	10	Sapling	3		Paper Birch	35	Sapling	3		Bigtooth Aspen	45	Pole	6	32	White Spruce	10	Sapling	4		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Tag Alder</td> <td>High</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Tag Alder	High	5 - 10 feet	Tall Shrub				
Canopy Species	% Cover	Size Class	DBH	Age																																				
Red Maple	10	Sapling	3																																					
Paper Birch	35	Sapling	3																																					
Bigtooth Aspen	45	Pole	6	32																																				
White Spruce	10	Sapling	4																																					
Sub-Canopy Species	Density	Avg. Height	Size																																					
Tag Alder	High	5 - 10 feet	Tall Shrub																																					
<b>38</b>	6220 - Alder/willow	Nonstocked	5.8			No	should be seperated from stand 36 Stand swapped from Forested to Non-Forested.																																	
<b>39</b>	6127 - Lowland Pine	Sawtimber Medium	41.9	87	81-110	N/A	Scattered black spruce throughout stand.																																	
<b>40</b>	3102 - Grass	Nonstocked	5.3			No																																		
<b>41</b>	6229 - Mixed lowland shrub	Nonstocked	12.9		Immature	No																																		
<b>42</b>	6229 - Mixed lowland shrub	Nonstocked	4.4			No	New stand added.																																	
<b>43</b>	6229 - Mixed lowland shrub	Nonstocked	6.5		Immature	No	Stand swapped from Forested to Non-Forested.																																	
<b>44</b>	629 - Mixed non-forested wetland	Nonstocked	9.8		Immature	No	Stand swapped from Forested to Non-Forested.																																	
<b>45</b>	6111 - Lowland Balsam Poplar	Sapling Medium	105.3	32		N/A	Overall poor site quality. Beaver activity present.																																	
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Balsam Poplar</td> <td>80</td> <td>Sapling</td> <td>3</td> <td>32</td> </tr> <tr> <td>Black Spruce</td> <td>10</td> <td>Pole/Sapling</td> <td>6</td> <td></td> </tr> <tr> <td>Black Ash</td> <td>10</td> <td>Sapling</td> <td>3</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Balsam Poplar	80	Sapling	3	32	Black Spruce	10	Pole/Sapling	6		Black Ash	10	Sapling	3		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Tag Alder</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Tag Alder	Medium	5 - 10 feet	Tall Shrub									
Canopy Species	% Cover	Size Class	DBH	Age																																				
Balsam Poplar	80	Sapling	3	32																																				
Black Spruce	10	Pole/Sapling	6																																					
Black Ash	10	Sapling	3																																					
Sub-Canopy Species	Density	Avg. Height	Size																																					
Tag Alder	Medium	5 - 10 feet	Tall Shrub																																					
<b>46</b>	6229 - Mixed lowland shrub	Nonstocked	2.0		Immature	No																																		
<b>47</b>	629 - Mixed non-forested wetland	Nonstocked	28.0			No	Stand swapped from Forested to Non-Forested.																																	
<b>48</b>	6220 - Alder/willow	Nonstocked	2.3			No	New stand added.																																	



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																			
49	6119 - Mixed Lowland Deciduous Forest	Sawtimber Medium	118.6	96	81-110	N/A	Scattered cedar and balsam in stand.																																																			
		<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Paper Birch</td> <td>5</td> <td>Pole/Sapling</td> <td>6</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>35</td> <td>Log</td> <td>12</td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>5</td> <td>Pole</td> <td>7</td> <td></td> </tr> <tr> <td>Basswood</td> <td>5</td> <td>Pole/Log</td> <td>8</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>50</td> <td>Log/Pole</td> <td>11</td> <td>96</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Paper Birch	5	Pole/Sapling	6		Bigtooth Aspen	35	Log	12		Balsam Fir	5	Pole	7		Basswood	5	Pole/Log	8		Red Maple	50	Log/Pole	11	96	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Tag Alder</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Ironwood</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Balsam Fir</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Tag Alder	Medium	5 - 10 feet	Tall Shrub	Ironwood	Low	5 - 10 feet	Sapling	Balsam Fir	Low	Variable	Sapling							
Canopy Species	% Cover	Size Class	DBH	Age																																																						
Paper Birch	5	Pole/Sapling	6																																																							
Bigtooth Aspen	35	Log	12																																																							
Balsam Fir	5	Pole	7																																																							
Basswood	5	Pole/Log	8																																																							
Red Maple	50	Log/Pole	11	96																																																						
Sub-Canopy Species	Density	Avg. Height	Size																																																							
Tag Alder	Medium	5 - 10 feet	Tall Shrub																																																							
Ironwood	Low	5 - 10 feet	Sapling																																																							
Balsam Fir	Low	Variable	Sapling																																																							
50	6130 - Fir, Aspen, Maple	Poletimber Well	6.2	55	81-110	N/A	Understory mostly tag alder.																																																			
51	629 - Mixed non-forested wetland	Nonstocked	48.3		Immature	No																																																				
52	6220 - Alder/willow	Nonstocked	5.3		Immature	No	Stand swapped from Forested to Non-Forested.																																																			
53	4319 - Mixed Upland Forest	Sawtimber Medium	30.0	135	111-140	N/A	Good wildlife stand. There are a lot of standing dead snags as well as animal burrows.																																																			
		<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Paper Birch</td> <td>15</td> <td>Pole</td> <td>9</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>10</td> <td>Log/Pole</td> <td>12</td> <td></td> </tr> <tr> <td>Black Spruce</td> <td>5</td> <td>Pole/Sapling</td> <td>6</td> <td></td> </tr> <tr> <td>Northern White Cedar</td> <td>2</td> <td>Log/Pole</td> <td>12</td> <td></td> </tr> <tr> <td>White Pine</td> <td>35</td> <td>XLog</td> <td>25</td> <td>135</td> </tr> <tr> <td>Red Maple</td> <td>33</td> <td>Pole/Sap/Log</td> <td>8</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Paper Birch	15	Pole	9		Bigtooth Aspen	10	Log/Pole	12		Black Spruce	5	Pole/Sapling	6		Northern White Cedar	2	Log/Pole	12		White Pine	35	XLog	25	135	Red Maple	33	Pole/Sap/Log	8		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>Low</td> <td>&lt; 5 feet</td> <td>Sapling</td> </tr> <tr> <td>Black Spruce</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Medium	5 - 10 feet	Sapling	White Pine	Low	< 5 feet	Sapling	Black Spruce	Low	Variable	Sapling		
Canopy Species	% Cover	Size Class	DBH	Age																																																						
Paper Birch	15	Pole	9																																																							
Bigtooth Aspen	10	Log/Pole	12																																																							
Black Spruce	5	Pole/Sapling	6																																																							
Northern White Cedar	2	Log/Pole	12																																																							
White Pine	35	XLog	25	135																																																						
Red Maple	33	Pole/Sap/Log	8																																																							
Sub-Canopy Species	Density	Avg. Height	Size																																																							
Red Maple	Medium	5 - 10 feet	Sapling																																																							
White Pine	Low	< 5 feet	Sapling																																																							
Black Spruce	Low	Variable	Sapling																																																							
54	6113 - Lowland Maple	Sawtimber Well	129.8	124	111-140	N/A																																																				
		<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Quaking Aspen</td> <td>20</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>75</td> <td>Log</td> <td>14</td> <td>124</td> </tr> <tr> <td>Black Ash</td> <td>5</td> <td>Pole/Sap/Log</td> <td>8</td> <td>96</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	20	Pole	8		Red Maple	75	Log	14	124	Black Ash	5	Pole/Sap/Log	8	96	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Balsam Fir</td> <td>Low</td> <td>&gt;20 feet</td> <td>Sapling</td> </tr> <tr> <td>Black Ash</td> <td>Medium</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Ironwood</td> <td>Low</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Low	>20 feet	Sapling	Black Ash	Medium	10 - 20 feet	Sapling	Ironwood	Low	5 - 10 feet	Tall Shrub																	
Canopy Species	% Cover	Size Class	DBH	Age																																																						
Quaking Aspen	20	Pole	8																																																							
Red Maple	75	Log	14	124																																																						
Black Ash	5	Pole/Sap/Log	8	96																																																						
Sub-Canopy Species	Density	Avg. Height	Size																																																							
Balsam Fir	Low	>20 feet	Sapling																																																							
Black Ash	Medium	10 - 20 feet	Sapling																																																							
Ironwood	Low	5 - 10 feet	Tall Shrub																																																							
55	6117 - Lowland Deciduous, Mixed Coniferous	Poletimber Well	37.6	27	111-140	N/A																																																				
		<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Bigtooth Aspen</td> <td>25</td> <td>Pole/Sapling</td> <td>5</td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>20</td> <td>Sapling</td> <td>2</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>15</td> <td>Sapling/Pole</td> <td>3</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>40</td> <td>Pole/Sap/Log</td> <td>9</td> <td>27</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Bigtooth Aspen	25	Pole/Sapling	5		Balsam Fir	20	Sapling	2		Paper Birch	15	Sapling/Pole	3		Red Maple	40	Pole/Sap/Log	9	27																														
Canopy Species	% Cover	Size Class	DBH	Age																																																						
Bigtooth Aspen	25	Pole/Sapling	5																																																							
Balsam Fir	20	Sapling	2																																																							
Paper Birch	15	Sapling/Pole	3																																																							
Red Maple	40	Pole/Sap/Log	9	27																																																						
56	122 - Road/Parking Lot	Nonstocked	7.8		Immature	No	New stand added. Snowmobile Trail.																																																			



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
-------	--------------------	--------------	-------	-----------	----------	--------------	------------------

**57** 6139 - Mixed Lowland Forest Poletimber Medium 23.5 64 81-110 N/A Standing water present throughout much of the site.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black Spruce	50	Pole	8	64	Tag Alder	High	5 - 10 feet	Tall Shrub
Black Ash	20	Pole/Sapling	6					
Bigtooth Aspen	10	Pole/Sapling	6					
Red Maple	20	Pole	5					

**58** 6220 - Alder/willow Nonstocked 21.6 0 Unspecified No

**59** 6130 - Fir, Aspen, Maple Sawtimber Medium 38.8 106 111-140 N/A Scattered black spruce and white pine located along the RR grade/snowmobile trail.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Pine	5	Log/XLog	16		Red Maple	Medium	Variable	Sapling
Balsam Fir	25	Log/Pole	12		Balsam Fir	Medium	Variable	Sapling
Sugar Maple	5	Pole/Log	9		Black Spruce	Low	Variable	Sapling
Bigtooth Aspen	30	Log/XLog	16	106	Tag Alder	Trace	5 - 10 feet	Tall Shrub
Red Maple	15	Pole/Log	9					
White Spruce	20	Log/Pole	10					

**60** 6112 - Lowland Aspen Sapling Poor 20.2 5 Immature N/A ocular regen survey completed on 3/29/22

Canopy Species	% Cover	Size Class	DBH	Age
Quaking Aspen	55	Sapling	1	5
Red Maple	20	Sapling	1	
White Pine	5	Pole/Sapling	5	
White Spruce	10	Sapling	1	
Balsam Fir	10	Sapling	1	

**61** 4139 - Aspen, Mixed Deciduous Sapling Poor 30.4 7 Immature N/A The northern lower ground portion of this stand was not harvested. These should have been separated out as two separate stands. The old stand data that included the higher ground is still with the uncut portion of the stand to the north.

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	40	Sapling	2	
Red Oak	5	Sapling	2	
Quaking Aspen	55	Sapling	2	7



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
-------	--------------------	--------------	-------	-----------	----------	--------------	------------------

**64** 6139 - Mixed Lowland Forest Sawtimber Medium 13.4 74 1-50 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Paper Birch	15	Log/Pole	11		White Pine	Medium	10 - 20 feet	Sapling
Quaking Aspen	20	Log/Pole	12	74	Oak (spp.)	Low	10 - 20 feet	Sapling
Balsam Fir	2	Pole	7		Balsam Fir	Medium	5 - 10 feet	Sapling
White Spruce	13	Log/Pole	10					
White Pine	15	XLog	34	105				
Northern White Cedar	10	Log	10					
Basswood	5	Pole/Log	9					
Red Maple	15	Pole/Sapling	6					
Red Pine	5	XLog	22					

**65** 6119 - Mixed Lowland Deciduous Forest Poletimber Well 5.1 64 51-80 N/A

The southern higher ground portion of this stand was harvested. These should have been separated out as two separate stands. The old stand data that included the higher ground is still the data seen on this stand.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Paper Birch	15	Log/Pole	10		Black Spruce	Low	Variable	Sapling
Quaking Aspen	35	Pole/Log/Sap	9	64	Aspen (spp.)	Medium	10 - 20 feet	Sapling
Basswood	10	Pole	9		Red Maple	Medium	< 5 feet	Sapling
Red Maple	30	Pole/Sap/Log	7					
White Spruce	10	Pole/Sapling	6	49				

**66** 429 - Mixed Upland Conifers Sawtimber Poor 0.5 100 81-110 N/A

**67** 4137 - Aspen, Birch Sawtimber Poor 0.2 55 111-140 N/A

This stand was harvested as part of Timber Sale No. 54-005-14-01.

**68** 6139 - Mixed Lowland Forest Sawtimber Medium 1.8 74 1-50 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Paper Birch	15	Log/Pole	11		Oak (spp.)	Low	10 - 20 feet	Sapling
Balsam Fir	10	Pole	7		White Pine	Medium	10 - 20 feet	Sapling
Quaking Aspen	16	Log/Pole	12	74	Balsam Fir	Medium	5 - 10 feet	Sapling
White Spruce	12	Pole/Log	9					
Northern White Cedar	7	Log	10					
White Pine	15	XLog	34	105				
Basswood	5	Pole/Log	9					
Red Maple	15	Pole/Sapling	6					
Red Pine	5	XLog	22					