



Compartment Review Presentation

Atlanta Forest Management Unit

Compartment 54119

Entry Year 2026

Acreage: 1,481

County: Presque Isle

Management Area: Presque Isle Lake and Till Plains

Stand Examiner: Daniel Natzke

Legal Description:

T33N, R2E, Sec.16, 17, 20, & 21

Identified Planning Goals:

Management goals in the Presque Isle Lake and Till Plain include balancing age classes of forested stands, producing a steady sustainable harvest of timber, decreasing planted jack pine acreage, increasing planted red pine acreage, and managing wildlife with special attention to habitat for American woodcock, ruffed grouse, golden winged warbler, snowshoe hare, Kirtland's warbler, elk, marten, black bear, wild turkey, and black backed woodpecker.

Soil and topography:

Compartment 119's topography is generally flat to gently rolling. There are relatively few steep slopes. These are typically associated with moraine features and karst topography. Most of the compartment is well-drained upland. Generally glacial deposits extend from the soil's surface to between 200 to 1000 feet in depth.

The most common soil type in these areas is Cheboygan loamy sand. Similar soils with a proportion of loam include the Mancelona, Rubicon, and Melita soils with Au Gres being a somewhat wet variant that is less well drained. Forest cover before European settlement was likely beech and hemlock forest. These forests had a standing replacing fire return interval of 140-550 years. After the cutover, severely burned areas favored oak establishment and areas seeing lower intensity surface fires tended to prepare a seedbed for pine. These soils support the common aspen, oak and pine stands in the area.

Another group of upland soils are the Graycalm, Klacking, and Grayling soils. These are coarse textured and excessively well drained. Prior to European contact, these soils supported jack pine forests and jack pine barrens. Stand replacing fire return intervals were between 10 and 80 with surface fires occurring every 2 to 20 years. Common trees found on these soils include jack pine and northern pin oak.

Poorly drained soils in lowlands and drainageways include Crosswell, Dawson, and Tawas mucks with considerable organic layers, as well as the somewhat better drained and coarse textured losco, Moltke, and Onaway soils. Stand replacing fires occurred at 500-2000-year intervals with very rare surface fires. These soils support lowland conifer and lowland hardwood stands including black ash, red maple, balsam poplar, balsam fir, hemlock, black spruce, and northern white cedar. They also underlay the compartment's lowland brush, floodplains, and marshes.

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

State land surrounds most of the compartment with a few private parcels mostly used as camps.

Unique Natural Features:

There are a number of natural features associated with karst topography.

Archeological, Historical, and Cultural Features:

There are known concerns within the compartment. All proposed management activities have taken these concerns into consideration.

Special Management Designations or Considerations:

This compartment does not have special management designation or considerations but nearby compartments have ecological reference areas.

Watershed and Fisheries Considerations:

Tomahawk Creek flows through the compartment. Long Lake is situated in the south. There are a few ponds in the compartment that may relate to karst topography. The compartment does not contain cold water streams. Best management practices for water should be adequate to protect the compartment's water resource.

Wildlife Habitat Considerations:

The primary focus of wildlife habitat management will be to address the habitat requirements identified for the listed featured species found in this compartment. These species include elk, pileated woodpecker, ruffed grouse, wild turkey, and white-tailed deer. Based on the selected featured species, some of the most significant wildlife management issues in the management area are the maintenance of young forest and large open grassland complexes; the retention of large, over-mature trees and snags; and the maintenance and expansion of hard mast and mesic conifer components.

Mineral Resource and Development Concerns and/or Restrictions

No known potential exists for commercial production of metallic minerals in this part of the state. No known active sand/gravel operations exist in the area. There may be some potential for sand & gravel within the compartment on the uplands, but the compartment might be too far from populated areas (markets) for any aggregate to have much economic value beyond use by the county road commission or DNR for local road maintenance. The compartment is within the northern Silurian reef trend hydrocarbon play, but only one successful reef well has been drilled within the compartment to date. Some of the lack of activity may be related to past non-development classification of the southern half of the compartment and lack of viable well sites for any potential reef targets. Potential for additional future test drilling within the compartment cannot be fully assessed without access to proprietary industry seismic data. Some active leases involving State-owned mineral rights exist in the compartment and are held by production occurring some distance away from the compartment. No known potential exists beneath the compartment for oil & gas from other known producing formations. The State does not own all the mineral rights within the compartment. Because the mineral estate is the dominant estate, reasonable access to the surface must be provided to private owners if they choose to explore or develop their mineral rights.

Vehicle Access:

M-33 defines the compartment's western boundary. County Road 634 divides the compartment into north and south halves. Numerous state forest roads provide reasonably good access throughout.

Survey Needs:

The compartment seems to be fairly well surveyed. Surveys are not likely.

Recreational Facilities and Opportunities:

The High Country Pathway bisects the compartment from southwest to northeast. A segment of the Michigan Cross Country Cycle Trail runs in an arc across the the south.

Fire Protection:

DNR task forces from Atlanta and Onaway will respond to fires in the compartment along with local volunteer fire departments.

Additional Compartment Information:

The compartment saw fire in the 1939 Canada Creek Fire.

The following reports from the Inventory are attached:

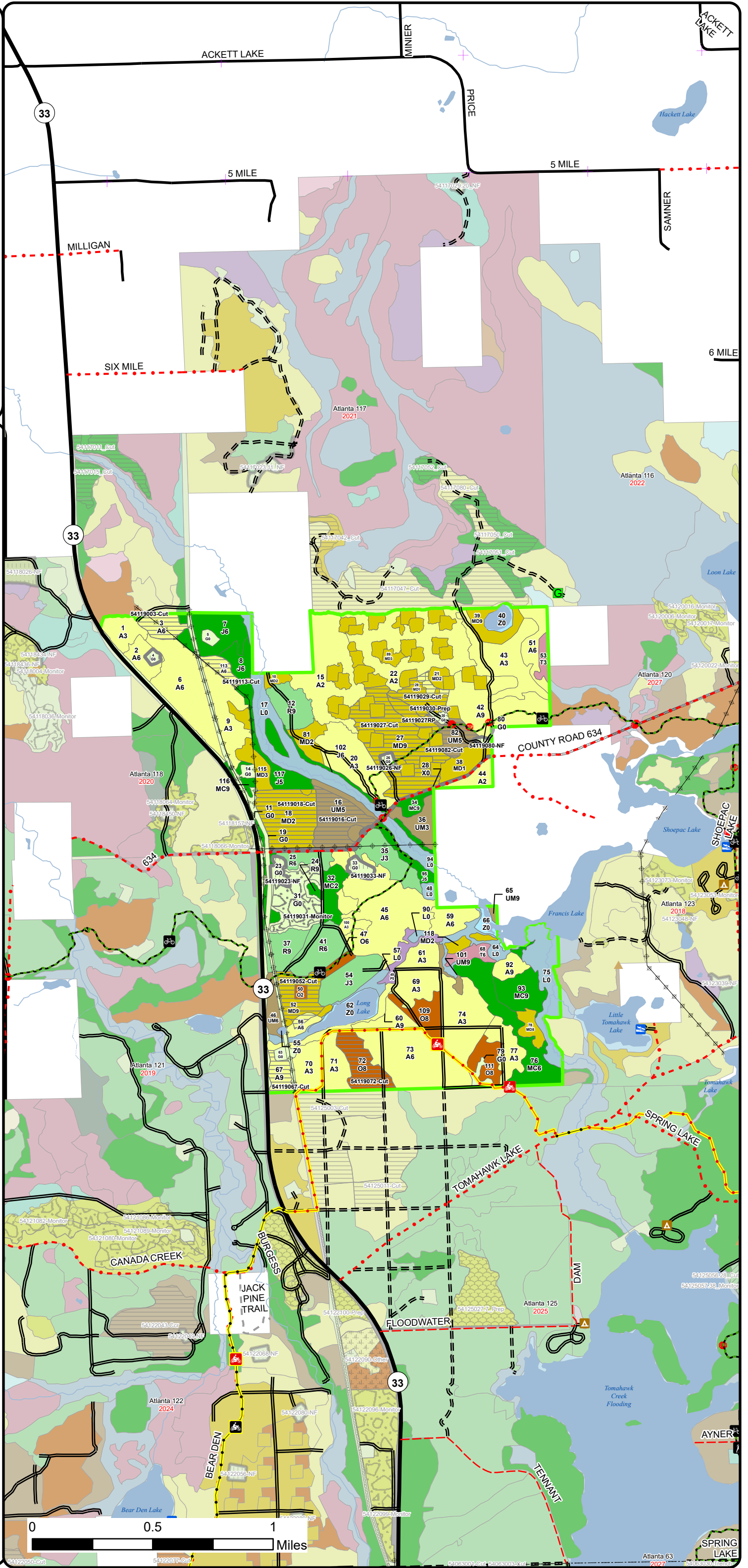
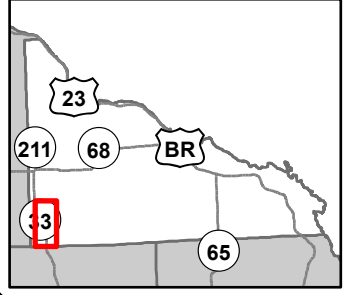
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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

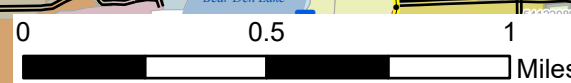
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

Cover Type & Treatments Map

Compartment: 54119
 T33N, R2E, Sec: 16, 17, 20, 21
 County: Presque Isle
 Unit: Atlanta
 Mgmt Area: Presque Isle Lake and Till Plains
 YOE: 2026
 Acres: 1481.3 GIS Calculated
 Examiner: Daniel Natzke
 Map Revised: 09/09/2024
 Map Phase: Post Review



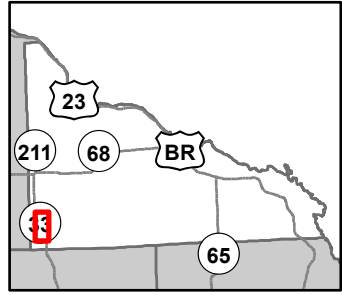
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- Gate
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- Campground
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- Ski Trails
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- Opening Maintenance
- Site Prep
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- 413 - Aspen Types
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- 421 - Planted Pines
- 422 - Natural Pines
- 430 - Upland Mixed Forest
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- 612 - Lowland Coniferous Forest
- 122 - Roads/Parking Lot
- 310 - Herbaceous Openland
- 500 - Water
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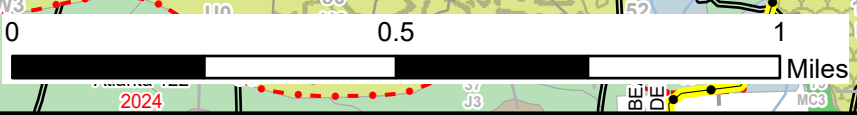
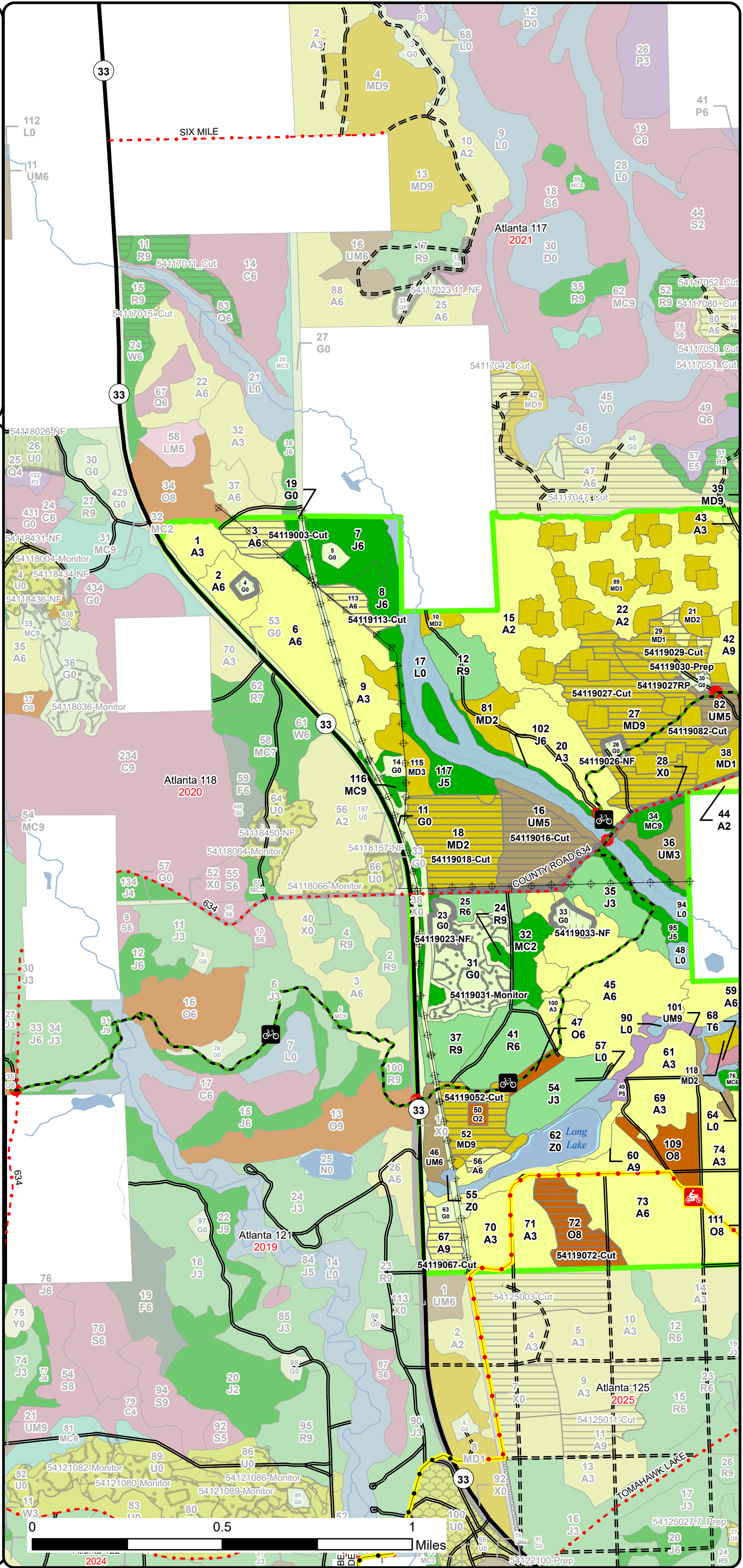
Atlanta 63
2027

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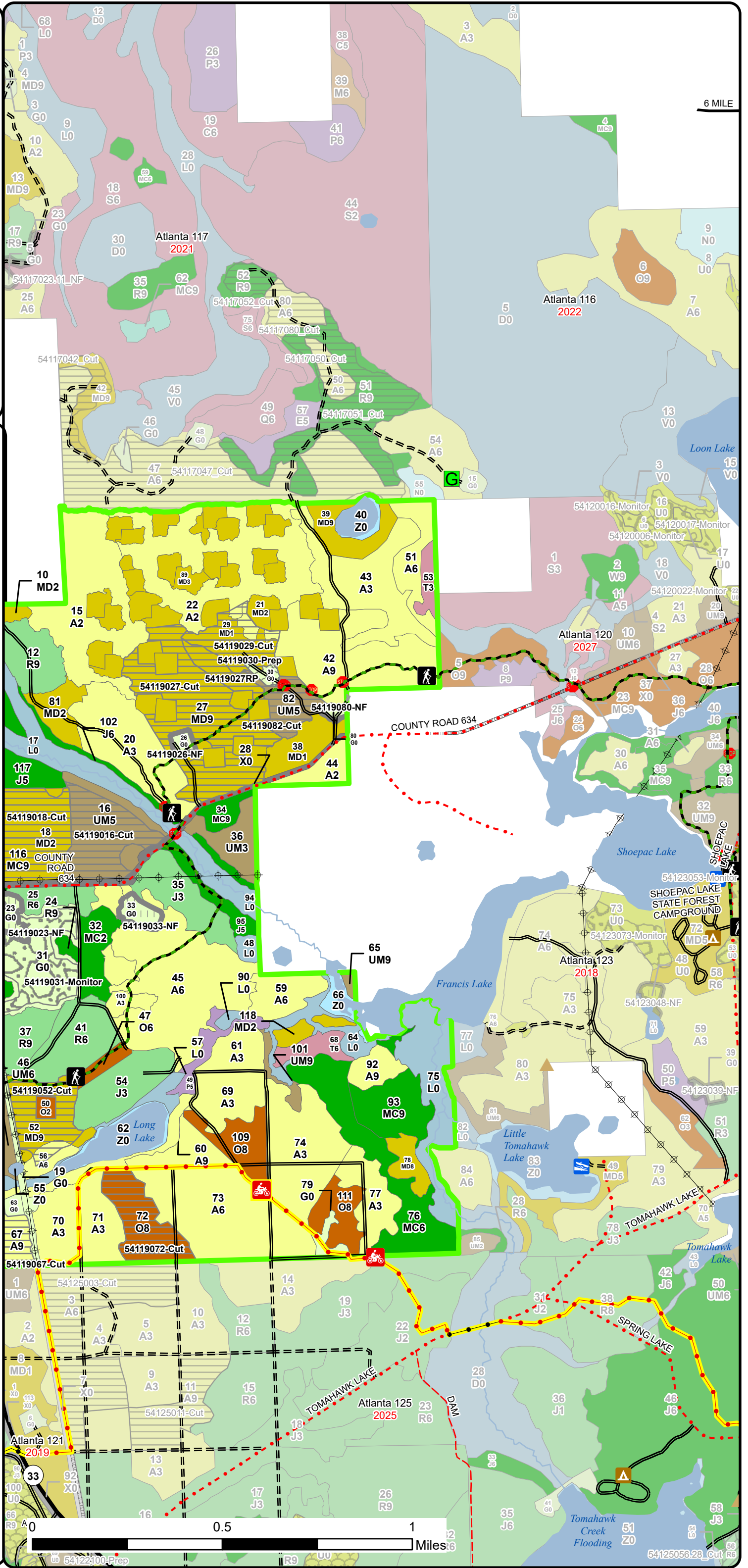
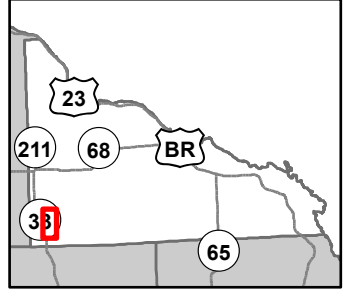
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2024

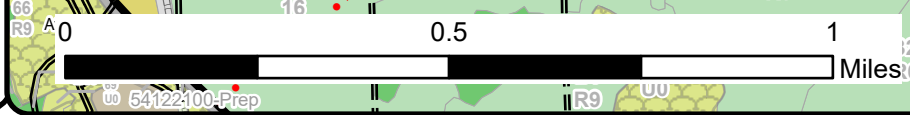
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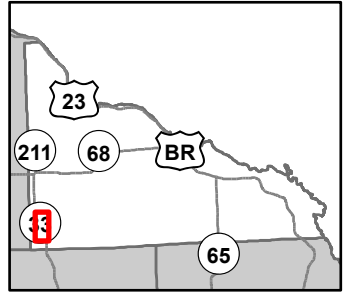
6 MILE

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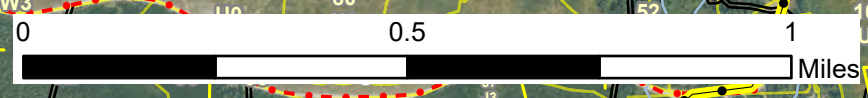
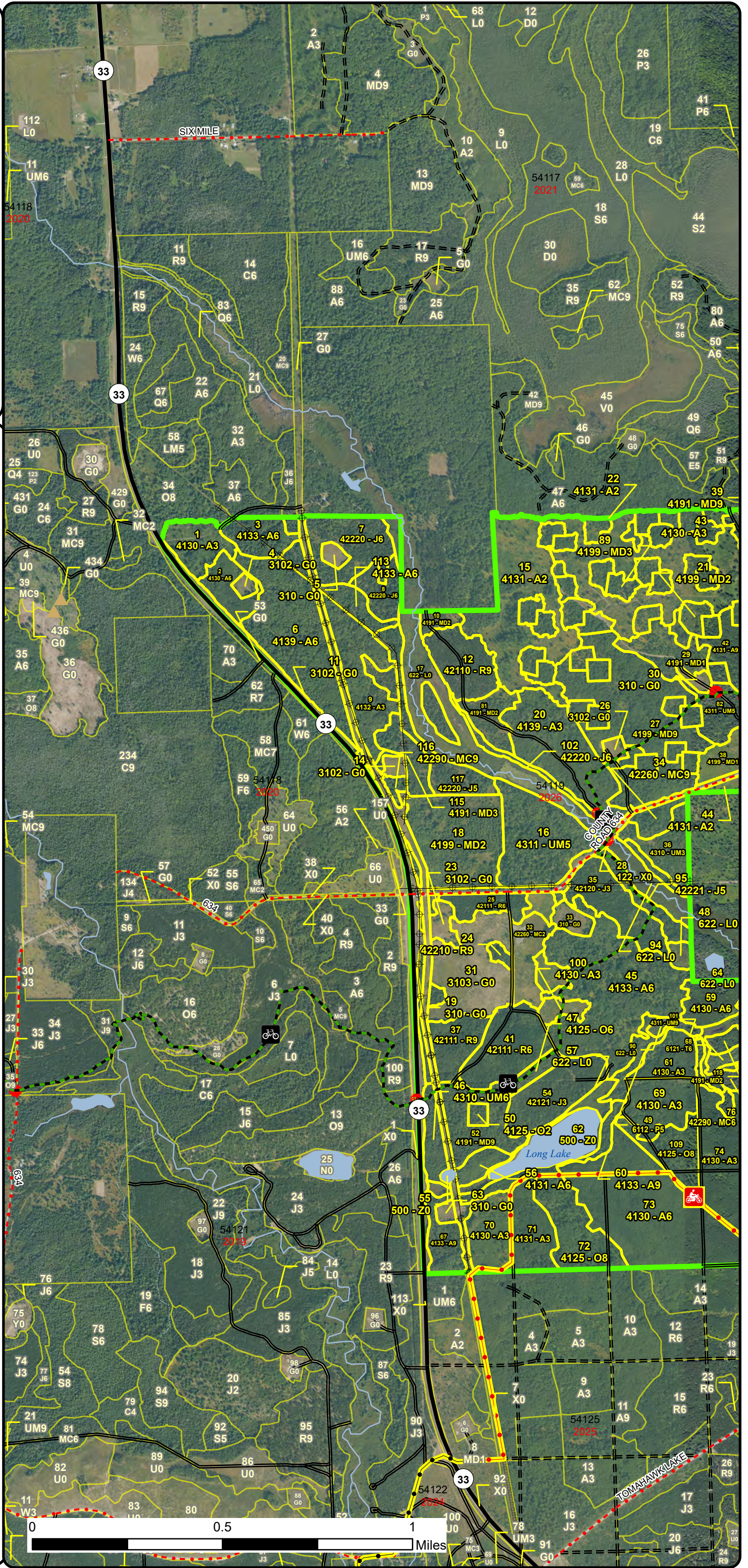


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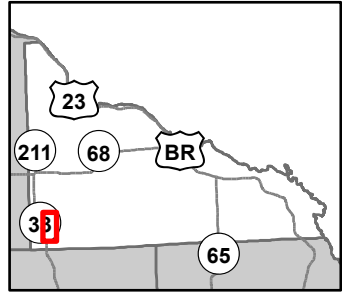


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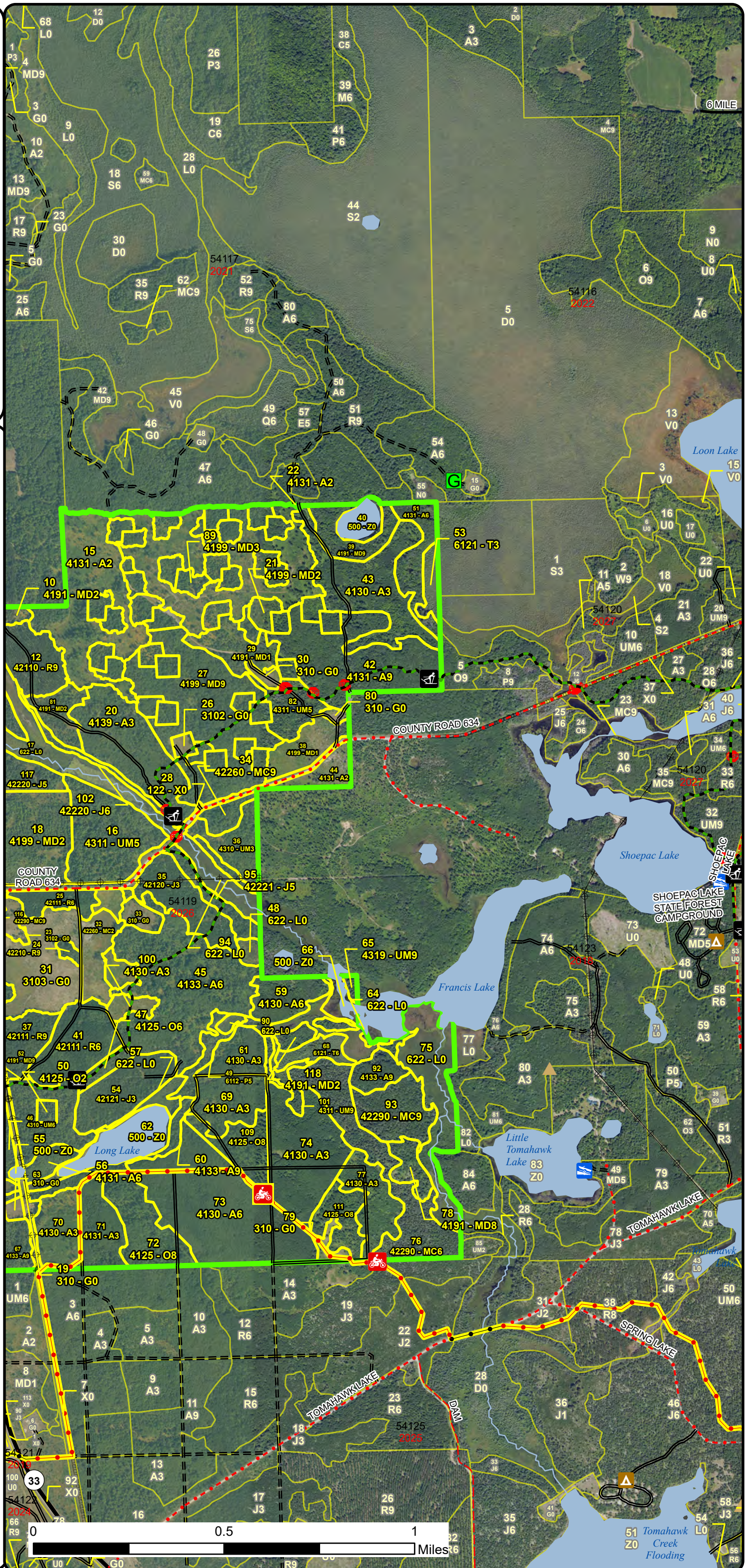


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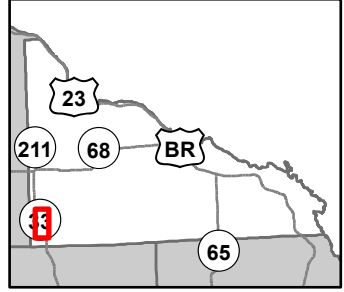


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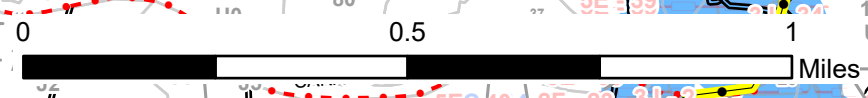
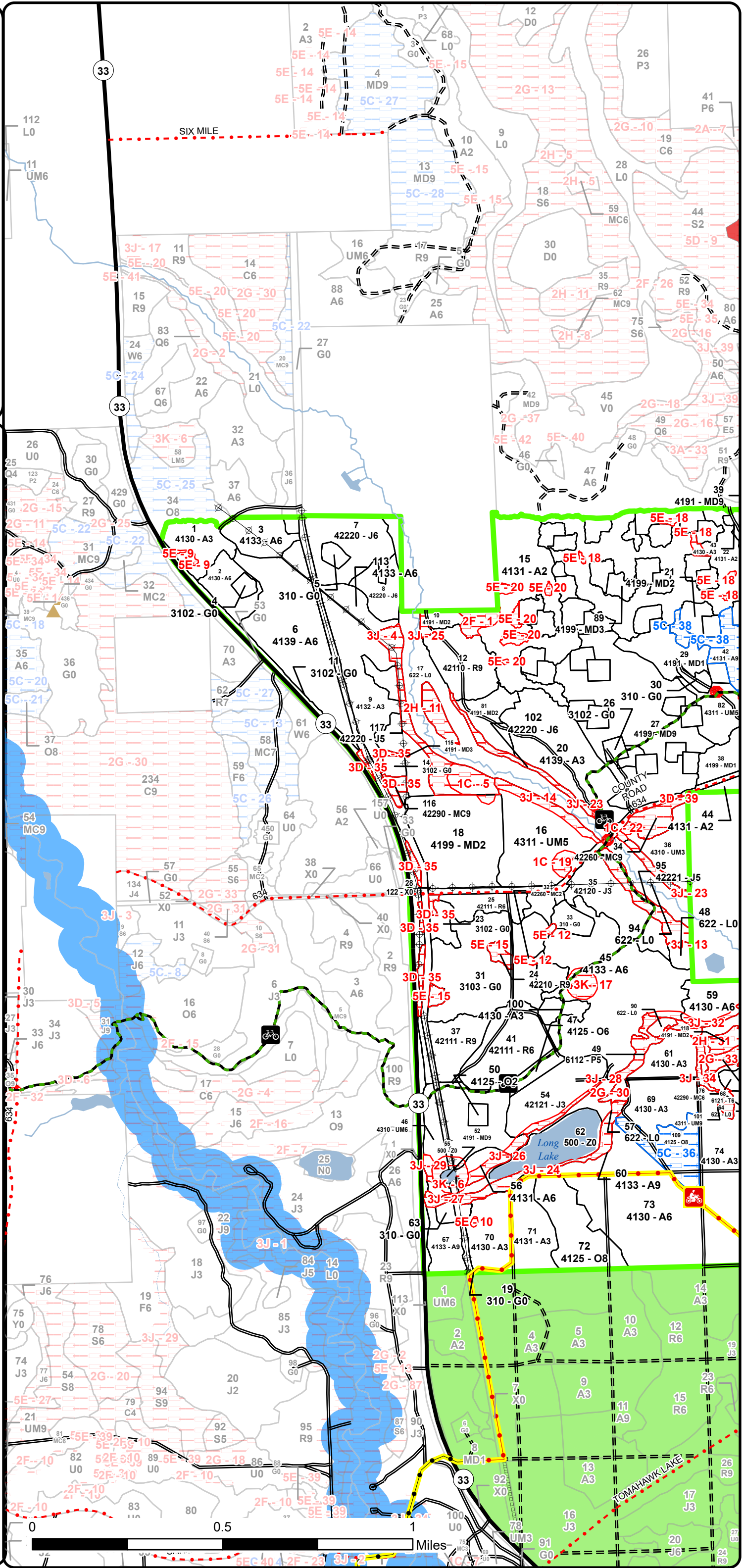


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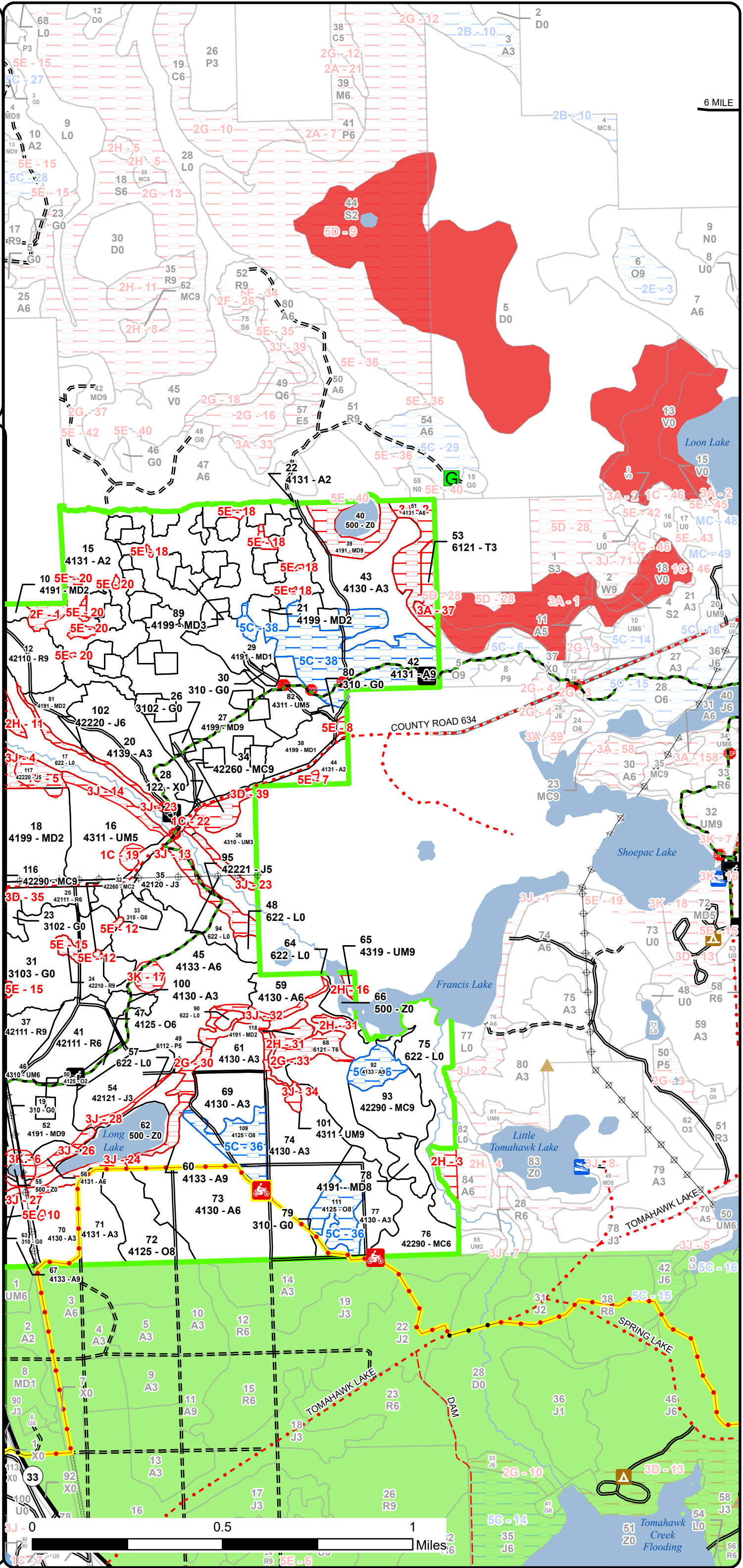
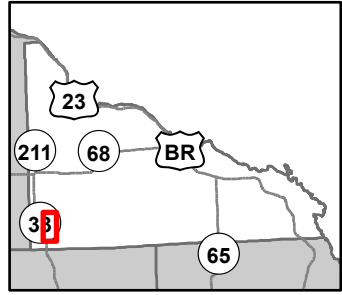


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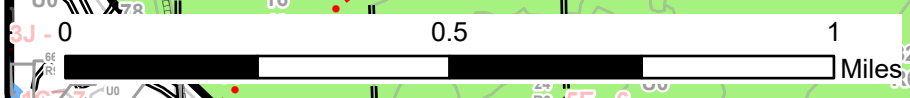
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Report 1 – Total Acres by Cover Type and Age Class

Atlanta Mgt. Unit
Daniel Natzke : Examiner

Compartment 119 Year of Entry 2026



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 | 140 | 99 | 83 | 88 | 109 | 17 | 22 | 53 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 611 |
| Herbaceous Openland | 99 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 99 |
| Jack Pine | 0 | 0 | 0 | 41 | 20 | 9 | 0 | 26 | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 103 |
| Lowland Aspen/Balsam Poplar | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 |
| Lowland Shrub | 98 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 98 |
| Mixed Upland Deciduous | 0 | 12 | 89 | 66 | 0 | 0 | 0 | 7 | 0 | 11 | 19 | 54 | 0 | 0 | 0 | 0 | 0 | 0 | 257 |
| Natural Mixed Pines | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 19 | 35 | 0 | 7 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 77 |
| Oak | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 44 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 50 |
| Red Pine | 0 | 0 | 0 | 0 | 29 | 0 | 0 | 30 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 62 |
| Tamarack | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 11 |
| Upland Mixed Forest | 0 | 0 | 12 | 0 | 0 | 0 | 0 | 51 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 66 |
| Urban | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| Water | 28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28 |
| Total | 235 | 164 | 200 | 192 | 137 | 118 | 17 | 160 | 95 | 65 | 30 | 57 | 11 | 0 | 0 | 0 | 0 | 0 | 1479 |



Report 2 – Treatment Summary

Atlanta Mgt. Unit

Year of Entry: 2026

Acres of Harvest

Compartment 119

Total Compartment Acres: 1,481

Commercial Harvest - 203
 Harvests with Site Condition - 0
 Next Step Harvest - 0
 Habitat Cut - 0

Cover Type by Harvest Method

| | Clearcut | Selection | Patch Clearcut | Seed Tree | Shelterwood | Thinning | Overstory Removal | Salvage | Other | Total Acres |
|------------------------|------------|-----------|----------------|-----------|-------------|----------|-------------------|----------|----------|-------------|
| Aspen | 25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 |
| Mixed Upland Deciduous | 123 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 123 |
| Oak | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 |
| Upland Mixed Forest | 36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 36 |
| Total | 203 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 203 |

Proposed and Next Step Treatments by Method

| | Harvest | Site Prep | Pruning | Seeding | Burning | Pesticide | Monitoring | Other | Non-Forest Mgt. | Total Acres |
|--------------|------------|------------|-----------|----------|-----------|------------|------------|-----------|-----------------|-------------|
| Current | 203 | 2 | 0 | 0 | 0 | 23 | 0 | 13 | | 242 |
| Next Step | 0 | 187 | 95 | 0 | 95 | 461 | 0 | 0 | | 837 |
| Total | 203 | 189 | 95 | 0 | 95 | 484 | 0 | 13 | | 1079 |



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| Treatment Name | Acres | Stand CoverType | Size Density | Stand Age | BA Range | Treatment Type | Treatment Method | Cover Type Objective | Age Structure | Habitat Cut |
|----------------|-------|-----------------|--------------|-----------|----------|----------------|------------------|----------------------|---------------|-------------|
|----------------|-------|-----------------|--------------|-----------|----------|----------------|------------------|----------------------|---------------|-------------|

Proposed Treatments:

| | | | | | | | | | | | |
|---|---------------------|------|--------------------------|-----------------|----------|--------------|---------------------------------|---------------------------|-------------|-----------|----|
| 37 | 54117037-Cut | 11.8 | 4134 - Aspen, Spruce/Fir | Poletimber Well | 54 | 81-110 | Harvest | Clearcut with Retention | 413 - Aspen | Even-Aged | No |
| <p><u>Prescription</u> Clear cut with single tree retention. Mark to retain healthy red or white pine not exceeding 10 BA overall. Oak wilt specification. Current</p> <p><u>Specs:</u> Atlanta grouse tree specification. Harvest with 54119003 adjacent to the south. Upon completion of the sale, merge this stand into the compartment to the south (54119).</p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u> Aspen, oak, maple, jack pine, red pine, white pine, balsam fir</p> <p><u>Other Comment:</u></p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/1 /2025</p> | | | | | | | | | | | |
| 3 | 54119003-Cut | 10.3 | 4133 - Aspen, Mixed Pine | Poletimber Well | 55 | 81-110 | Harvest | Clearcut with Retention | 413 - Aspen | Even-Aged | No |
| <p><u>Prescription</u> Clear cut with single tree retention. Mark to retain healthy red or white pine not exceeding 10 BA overall. Harvest with 54117037 adjacent to</p> <p><u>Specs:</u> the north. Upon completion of the sale, merge this stand into the compartment to the south (54119). Oak wilt specification. Current Atlanta grouse specification.</p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u> Aspen, oak, maple, jack pine, red pine, white pine, balsam fir</p> <p><u>Other Comment:</u></p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/1 /2025</p> | | | | | | | | | | | |
| 4 | 54119004-NF | 1.8 | 3102 - Grass | Nonstocked | Immature | NonForestMgt | Herbaceous/Crop/ Grass Planting | 310 - Herbaceous Openland | | | No |
| <p><u>Prescription</u> Opening may be maintained on an ongoing rotational basis to produce wildlife forage and maintain its open character, through burning,</p> <p><u>Specs:</u> mowing, mulching, planting, herbicide, or other agriculture practices.</p> <p><u>Next Step</u></p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u></p> <p><u>Other Comment:</u> Treat invasives</p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/1 /2025</p> | | | | | | | | | | | |



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| Treatment Name | Acres | Stand CoverType | Size Density | Stand Age | BA Range | Treatment Type | Treatment Method | Cover Type Objective | Age Structure | Habitat Cut |
|----------------|-------|-----------------|--------------|-----------|----------|----------------|------------------|----------------------|---------------|-------------|
|----------------|-------|-----------------|--------------|-----------|----------|----------------|------------------|----------------------|---------------|-------------|

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|-----------|---------------------|------|------------------------|-------------------|----|-------|---------|-------------------------|-------------------------|-----------|----|
| 16 | 54119016-Cut | 24.7 | 4311 - Pine, Aspen Mix | Poletimber Medium | 67 | 51-80 | Harvest | Clearcut with Retention | 4211 - Planted Red Pine | Even-Aged | No |
|-----------|---------------------|------|------------------------|-------------------|----|-------|---------|-------------------------|-------------------------|-----------|----|

Prescription Clear cut with retention. Leave an appropriate setback from Tomahawk Creek, see site conditions. 3-10% area retention will be located there.
Specs:

Next Step SitePrep, Roller Chopping; SitePrep, Trenching; Pesticide, Aerial - Site Prep; Planting, Initial Plant; Monitoring, Herbicide Use;
Treatments: Monitoring, Artificial Regen(1yr); Monitoring, Artificial Regen(3yr)

Acceptable A stand in which planted red pine dominates.
Regen:

Other Note the 1C site condition.

Comment: Treatment 54119027RP, 54119029-Cut, 54119082-Cut, 54119016-Cut, and 54119018-Cut must be added to the same sale. These stands will be a part of the same red pine planting treatment.

Site Condition:

Proposed Start Date: 10/1 /2024

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|-----------|---------------------|------|-------------------------------------|----------------|----|------|---------|-------------------------|-------------------------|-----------|----|
| 18 | 54119018-Cut | 34.5 | 4199 - Other Mixed Upland Deciduous | Sapling Medium | 16 | 1-50 | Harvest | Clearcut with Retention | 4211 - Planted Red Pine | Even-Aged | No |
|-----------|---------------------|------|-------------------------------------|----------------|----|------|---------|-------------------------|-------------------------|-----------|----|

Prescription Clearcut with retention. Retention will be in the site conditioned area in the northeast.
Specs:

Next Step SitePrep, Roller Chopping; Pesticide, Aerial - Site Prep; SitePrep, Trenching; Planting, Initial Plant; Monitoring, Herbicide Use;
Treatments: Monitoring, Artificial Regen(1yr); Monitoring, Artificial Regen(3yr)

Acceptable A stand in which red pine dominates.
Regen:

Other Note 1C site condition in the northeast. Be attentive for any similar conditions (not currently site conditioned) in the stand's northwest and
Comment: exclude these from the harvest and subsequent future treatments.

Treatment 54119027RP, 54119029-Cut, 54119082-Cut, 54119016-Cut, and 54119018-Cut must be added to the same sale. These stands will be a part of the same red pine planting treatment.

Site Condition:

Proposed Start Date: 10/1 /2024

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|-----------|--------------------|-----|--------------|------------|--|----------|--------------|------------------------------------|---------------------------------|--|----|
| 23 | 54119023-NF | 4.0 | 3102 - Grass | Nonstocked | | Immature | NonForestMgt | Herbaceous/Crop/ Grass Planting | 310 - Herbaceous Openland | | No |
|-----------|--------------------|-----|--------------|------------|--|----------|--------------|------------------------------------|---------------------------------|--|----|

Prescription Opening may be maintained on an ongoing rotational basis to produce wildlife forage and maintain its open character, through burning,
Specs: mowing, mulching, planting, herbicide, or other agriculture practices.

Next Step
Treatments:

Acceptable
Regen:

Other Treat invasives

Comment:

Site Condition:

Proposed Start Date: 10/1 /2025



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| Treatment Name | Acres | Stand CoverType | Size Density | Stand Age | BA Range | Treatment Type | Treatment Method | Cover Type Objective | Age Structure | Habitat Cut |
|----------------|-------|-----------------|--------------|-----------|----------|----------------|------------------|----------------------|---------------|-------------|
|----------------|-------|-----------------|--------------|-----------|----------|----------------|------------------|----------------------|---------------|-------------|

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|----|-------------|-----|--------------|------------|--|----------|--------------|------------------------------------|---------------------------------|----|
| 26 | 54119026-NF | 2.0 | 3102 - Grass | Nonstocked | | Immature | NonForestMgt | Herbaceous/Crop/ Grass Planting | 310 - Herbaceous Openland | No |
|----|-------------|-----|--------------|------------|--|----------|--------------|------------------------------------|---------------------------------|----|

Prescription Opening may be maintained on an ongoing rotational basis to produce wildlife forage and maintain its open character, through burning, mowing, mulching, planting, herbicide, or other agriculture practices.

Next Step
Treatments:

Acceptable
Regen:

Other Treat invasives
Comment:

Site Condition:

Proposed Start Date: 10/1 /2025

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|----|--------------|------|--|-------------------|-----|--------|---------|----------------------------|---|-----------|----|
| 27 | 54119027-Cut | 47.0 | 4199 - Other Mixed Upland Deciduous | Sawtimber Well | 107 | 81-110 | Harvest | Clearcut with Retention | 4199 - Other Mixed Upland Deciduous | Even-Aged | No |
|----|--------------|------|--|-------------------|-----|--------|---------|----------------------------|---|-----------|----|

Prescription Clear cut area and single tree retention not to exceed 10% area or 10BA overall. Suggested area retention: the hill on the north side of CR634 for visual purposes. Protect High Country Pathway. Oak wilt specification.

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

Acceptable Oak, maple, aspen, jack pine, white pine, red pine, balsam fir
Regen:

Other
Comment:

Site Condition:

Proposed Start Date: 10/1 /2025

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|----|------------|-----|--|-------------------|-----|--------|---------|----------|----------------------------|-----------|----|
| 27 | 54119027RP | 6.7 | 4199 - Other Mixed Upland Deciduous | Sawtimber Well | 107 | 81-110 | Harvest | Clearcut | 4211 - Planted Red Pine | Even-Aged | No |
|----|------------|-----|--|-------------------|-----|--------|---------|----------|----------------------------|-----------|----|

Prescription Clear cut without retention to add to the future planting area in stand 29 and 82. Protect the High Country Pathway.

Next Step SitePrep, Roller Chopping; SitePrep, Trenching; Pesticide, Aerial - Site Prep; Planting, Initial Plant; Monitoring, Herbicide Use;
Treatments: Monitoring, Artificial Regen(1yr); Monitoring, Artificial Regen(3yr)

Acceptable A stand in which planted red pine dominates.
Regen:

Other Treatment 54119027RP, 54119029-Cut, 54119082-Cut, 54119016-Cut, and 54119018-Cut must be added to the same sale. These stands
Comment: will be a part of the same red pine planting treatment.

Site Condition:

Proposed Start Date: 10/1 /2024



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| Treatment Name | Acres | Stand CoverType | Size Density | Stand Age | BA Range | Treatment Type | Treatment Method | Cover Type Objective | Age Structure | Habitat Cut |
|----------------|-------|-----------------|--------------|-----------|----------|----------------|------------------|----------------------|---------------|-------------|
|----------------|-------|-----------------|--------------|-----------|----------|----------------|------------------|----------------------|---------------|-------------|

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|-----------|---------------------|------|--|--------------|----|------|---------|----------|-------------------------|-----------|----|
| 29 | 54119029-Cut | 15.4 | 4191 - Mixed Upland Deciduous with Conifer | Sapling Poor | 22 | 1-50 | Harvest | Clearcut | 4211 - Planted Red Pine | Even-Aged | No |
|-----------|---------------------|------|--|--------------|----|------|---------|----------|-------------------------|-----------|----|

Prescription Clear cut. Following harvest, merge with stand 82 and prepare for red pine. Reach into a small part (about 2.5 acres) of stand 42 to square up the area for future planting. Retention unnecessary due to the small size of the stand.
Specs:

Next Step SitePrep, Roller Chopping; SitePrep, Trenching; Pesticide, Aerial - Site Prep; Planting, Initial Plant; Monitoring, Herbicide Use;
Treatments: Monitoring, Artificial Regen(1yr); Monitoring, Artificial Regen(3yr)

Acceptable A stand in which planted red pine dominates.
Regen:

Other Treatment 54119027RP, 54119029-Cut, 54119082-Cut, 54119016-Cut, and 54119018-Cut must be added to the same sale. These stands
Comment: will be a part of the same red pine planting treatment.

Site Condition:

Proposed Start Date: 10/1 /2024

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|-----------|----------------------|-----|---------------------------|------------|--|--------------|----------|-----------------|--------------------------|-----------|----|
| 30 | 54119030-Prep | 2.1 | 310 - Herbaceous Openland | Nonstocked | | Unspec ified | SitePrep | Roller Chopping | 42110 - Planted Red Pine | Even-Aged | No |
|-----------|----------------------|-----|---------------------------|------------|--|--------------|----------|-----------------|--------------------------|-----------|----|

Prescription If necessary, roller chop to set back undesirable competition to red pine.
Specs:

Next Step SitePrep, Trenching; Pesticide, Aerial - Release; Planting, Initial Plant; Monitoring, Artificial Regen(1yr); Monitoring, Herbicide Use;
Treatments: Monitoring, Artificial Regen(3yr)

Acceptable Planted red pine and native associates
Regen:

Other Coordinate treatments in stands 29, 30, and 82. The goal is to manage all three stands as a red pine stand in the future.
Comment:

Site Condition:

Proposed Start Date: 10/1 /2025

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|-----------|--------------------|-----|---------------------------|------------|--|--------------|--------------|---------------------------------|---------------------------|--|----|
| 33 | 54119033-NF | 4.3 | 310 - Herbaceous Openland | Nonstocked | | Unspec ified | NonForestMgt | Herbaceous/Crop/ Grass Planting | 310 - Herbaceous Openland | | No |
|-----------|--------------------|-----|---------------------------|------------|--|--------------|--------------|---------------------------------|---------------------------|--|----|

Prescription Opening may be maintained on an ongoing rotational basis to produce wildlife forage and maintain its open character, through burning, mowing, mulching, planting, herbicide, or other agriculture practices.
Specs:

Next Step
Treatments:

Acceptable
Regen:

Other Treat invasives
Comment:

Site Condition:

Proposed Start Date: 10/1 /2025



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| Treatment Name | Acres | Stand CoverType | Size Density | Stand Age | BA Range | Treatment Type | Treatment Method | Cover Type Objective | Age Structure | Habitat Cut |
|----------------|-------|-----------------|--------------|-----------|----------|----------------|------------------|----------------------|---------------|-------------|
|----------------|-------|-----------------|--------------|-----------|----------|----------------|------------------|----------------------|---------------|-------------|

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|-----------|---------------------|------|--|----------------|----|-------|---------|-------------------------|-------------------------------------|-----------|----|
| 52 | 54119052-Cut | 19.0 | 4191 - Mixed Upland Deciduous with Conifer | Sawtimber Well | 93 | 51-80 | Harvest | Clearcut with Retention | 4199 - Other Mixed Upland Deciduous | Even-Aged | No |
|-----------|---------------------|------|--|----------------|----|-------|---------|-------------------------|-------------------------------------|-----------|----|

Prescription Clear cut with area retention and single tree retention not to exceed 10% or 10BA overall.
Specs: Place area retention in site conditioned areas buffering Long Lake or the sink hole (stand 55). Trail protection for the High Country Pathway.
Next Step Monitoring, Natural Regen (Re-Inventory)
Treatments:
Acceptable Regen: Aspen, oak, maple, jack pine, red pine, white pine, spruce, balsam fir
Other Comment:
Site Condition:
Proposed Start Date: 10/1 /2025

| | | | | | | | | | | | |
|-----------|---------------------|-----|--------------------------|----------------|----|-------|---------|-------------------------|-------------|-----------|----|
| 67 | 54119067-Cut | 8.2 | 4133 - Aspen, Mixed Pine | Sawtimber Well | 63 | 51-80 | Harvest | Clearcut with Retention | 413 - Aspen | Even-Aged | No |
|-----------|---------------------|-----|--------------------------|----------------|----|-------|---------|-------------------------|-------------|-----------|----|

Prescription Clear cut with area retention and marked healthy red and white pine single tree retention not to exceed 10% or 10BA overall. Place area retention in the site conditioned area next to lowland brush in the north. Current Atlanta grouse specification.
Specs:
Next Step Monitoring, Natural Regen (Re-Inventory)
Treatments:
Acceptable Regen: Aspen, oak, maple, jack pine, red pine, white pine, balsam fir, spruce
Other Comment:
Site Condition:
Proposed Start Date: 10/1 /2025

| | | | | | | | | | | | |
|-----------|---------------------|------|--------------------------|------------------|----|-------|---------|-------------------------|-------------------------------------|-----------|----|
| 72 | 54119072-Cut | 20.0 | 4125 - Black, N. Pin Oak | Sawtimber Medium | 83 | 51-80 | Harvest | Clearcut with Retention | 4199 - Other Mixed Upland Deciduous | Even-Aged | No |
|-----------|---------------------|------|--------------------------|------------------|----|-------|---------|-------------------------|-------------------------------------|-----------|----|

Prescription Clear cut with 3-10% area retention, preferably in one location that will not hinder operations (a clump in the SE corner looks promising). Pile tops on the most vigorous 60-70% of oak stumps. Oak wilt no exceptions. Trail protection standards.
Specs:
Next Step Monitoring, Natural Regen (Intermediate); Monitoring, Natural Regen (Intermediate)
Treatments:
Acceptable Regen: Oak, maple, aspen, white pine, red pine, jack pine
Other Comment:
Site Condition:
Proposed Start Date: 10/1 /2025



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| Treatment Name | Acres | Stand CoverType | Size Density | Stand Age | BA Range | Treatment Type | Treatment Method | Cover Type Objective | Age Structure | Habitat Cut |
|--|-------|---------------------------|-------------------|-----------|----------|----------------|--------------------------------|---------------------------|---------------|-------------|
| 80 54119080-NF | 1.3 | 310 - Herbaceous Openland | Nonstocked | 0 | Immature | NonForestMgt | Herbaceous/Crop/Grass Planting | 310 - Herbaceous Openland | | No |
| <p><u>Prescription</u> Opening may be maintained on an ongoing rotational basis to produce wildlife forage and maintain its open character, through burning, mowing, mulching, planting, herbicide, or other agriculture practices.</p> <p><u>Specs:</u></p> <p><u>Next Step</u></p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u></p> <p><u>Other Comment:</u> Treat invasives</p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/1 /2025</p> | | | | | | | | | | |
| 82 54119082-Cut | 11.2 | 4311 - Pine, Aspen Mix | Poletimber Medium | 67 | 1-50 | Harvest | Clearcut | 4211 - Planted Red Pine | Even-Aged | No |
| <p><u>Prescription</u> Clear cut. Protect the High Country Pathway. Retention unnecessary due to the small size of the stand.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> SitePrep, Roller Chopping; SitePrep, Trenching; Pesticide, Aerial - Site Prep; Planting, Initial Plant; Monitoring, Herbicide Use;</p> <p><u>Treatments:</u> Monitoring, Artificial Regen(1yr); Monitoring, Artificial Regen(3yr)</p> <p><u>Acceptable Regen:</u> A stand in which planted red pine dominates.</p> <p><u>Other Comment:</u> Treatment 54119027RP, 54119029-Cut, 54119082-Cut, 54119016-Cut, and 54119018-Cut must be added to the same sale. These stands will be a part of the same red pine planting treatment.</p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/1 /2024</p> | | | | | | | | | | |
| 113 54119113-Cut | 6.3 | 4133 - Aspen, Mixed Pine | Poletimber Well | 48 | 51-80 | Harvest | Clearcut | 413 - Aspen | Even-Aged | No |
| <p><u>Prescription</u> Clear cut. Current Atlanta grouse specification. Oak wilt specifications, no exceptions, due to stand size and shape.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u> Aspen, oak, maple, jack pine, red pine, white pine, balsam fir</p> <p><u>Other Comment:</u></p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/1 /2025</p> | | | | | | | | | | |

Approved Treatments:

| | | | | | | | | | | |
|---|------|-------------------|------------|---|----------|------------|-----------------------|-------------------------|-----------|----|
| 31 54119031-Monitor | 23.2 | 3103 - Rubus-Fern | Nonstocked | 0 | Immature | Monitoring | Artificial Regen(1yr) | 4211 - Planted Red Pine | Even-Aged | No |
| <p><u>Prescription</u> Acceptable regen can be of med/well stocked red pine.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> ; ; Monitoring, Herbicide Use; Monitoring, Artificial Regen(3yr)</p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u> Acceptable regen can be of med/well stocked red pine.</p> <p><u>Other Comment:</u> Percent to Treat = 100%</p> <p><u>Site Condition:</u></p> | | | | | | | | | | |



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| Treatment Name | Acres | Stand CoverType | Size Density | Stand Age | BA Range | Treatment Type | Treatment Method | Cover Type Objective | Age Structure | Habitat Cut |
|----------------|-------|-----------------|--------------|-----------|----------|----------------|------------------|----------------------|---------------|-------------|
|----------------|-------|-----------------|--------------|-----------|----------|----------------|------------------|----------------------|---------------|-------------|

Proposed Start Date: 10/1 /2023

Total Treatment
Acreage Proposed: 253.8

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Compartment: 119
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Availability for Management

| Total Acres | Acres Available | Acres Avail | | Acres Not Available | | Dominant Site Conditions | | | | | | | | | | | |
|----------------|--------------------|----------------|--|------------------------|-----------------------------|--------------------------|----|----|----|----|----|----|----|----|----|----|---|
| | | With Condition | | | | 5C | 1C | 2F | 2G | 2H | 3A | 3D | 3J | 3K | 5E | ed | |
| 612 | 518 | 53 | | 41 | Aspen | 53 | | 3 | | | | | | 27 | 4 | 6 | |
| 99 | 98 | 0 | | 1 | Herbaceous Openland | | | | | | | | | | 1 | 0 | |
| 103 | 68 | 0 | | 35 | Jack Pine | | 5 | | | 4 | | | | 26 | | | |
| 7 | 0 | 0 | | 7 | Lowland Aspen/Balsam Poplar | | | | 7 | | | | | | | | |
| 98 | 97 | 0 | | 0 | Lowland Shrub | | | | | | | | 0 | 0 | | | |
| 257 | 237 | 0 | | 20 | Mixed Upland Deciduous | | 1 | | | 5 | | | 13 | 0 | 1 | | |
| 77 | 64 | 0 | | 13 | Natural Mixed Pines | | | | | | | 12 | | | 1 | | |
| 50 | 26 | 25 | | 0 | Oak | 25 | | | | | | | | | | | |
| 63 | 60 | 0 | | 3 | Red Pine | | | | | | | | | | | 3 | |
| 11 | 0 | 0 | | 11 | Tamarack | | | | 6 | 5 | | 0 | | | | | |
| 66 | 52 | 0 | | 14 | Upland Mixed Forest | | 2 | | | 1 | | 9 | 1 | | | | 0 |
| 10 | 10 | 0 | | 0 | Urban | | | | | | | 0 | | | | | 0 |
| 28 | 27 | 0 | | 1 | Water | | | | | | | | 1 | | | | |
| 1,481 | 1,258 | 77 | | 146 | Total Forested Acres | 77 | 8 | 3 | 14 | 10 | 5 | 12 | 75 | 8 | 11 | | 0 |
| | 85% | 5% | | 10% | Relative Percent | | | | | | | | | | | | |

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

| Site No. | Dominant Site Cond | Availability | Dominant Site Condition | Acres | Other Site Condition | Other Site Condition | Other Site Condition | Other Site Condition |
|---|--------------------|--------------|--|-------|----------------------|----------------------|----------------------|----------------------|
| 1 | Unavailable | | 2F: Too steep | 3 | Unspecified | Unspecified | Unspecified | Unspecified |
| <p>Comments: This portion of stand 15 was left out of the harvest in the rest of the stand likely because of operability concerns. This portion of the stand lies on a slope that doesn't allow for equipment to turn around at the top near the private boundary.</p> | | | | | | | | |
| 2 | Unavailable | | 3J: Water quality / BMPs (stream, river, or lake) | 24 | Unspecified | Unspecified | Unspecified | Unspecified |
| <p>Comments: Stand was left as a buffer to lowland area to east after sale.</p> | | | | | | | | |

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|---|-------------|--|----|---|-------------|-------------|-------------|
| 3 | Unavailable | 2H: Blocked by physical obstacle (e.g. upland stand in a lowland area) | 4 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 4 | Unavailable | 3J: Water quality / BMPs (stream, river, or lake) | 10 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: Likely left as a stream buffer in the past | | | | | | | |
| 5 | Unavailable | 1C: Other dept or div proc/practices | 6 | 3J: Water quality / BMPs (stream, river, or lake) | Unspecified | Unspecified | Unspecified |
| Comments: Other department policies. Areas left as stream buffer. | | | | | | | |
| 6 | Unavailable | 3K: Rare or unique landforms | 5 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 7 | Unavailable | 5E: Long-Term Retention | 0 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 8 | Unavailable | 5E: Long-Term Retention | 1 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 9 | Unavailable | 5E: Long-Term Retention | 1 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |

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| | | | | | | | |
|--|-------------|--|---|---|-------------|-------------|-------------|
| 10 | Unavailable | 5E: Long-Term Retention | 0 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 11 | Unavailable | 2H: Blocked by physical obstacle (e.g. upland stand in a lowland area) | 4 | 3J: Water quality / BMPs (stream, river, or lake) | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 12 | Unavailable | 5E: Long-Term Retention | 1 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 13 | Unavailable | 3J: Water quality / BMPs (stream, river, or lake) | 7 | 3D: Recreational / Scenic values | Unspecified | Unspecified | Unspecified |
| Comments: Stream buffer in passed harvests plus alignment of high country pathway. | | | | | | | |
| 14 | Unavailable | 3J: Water quality / BMPs (stream, river, or lake) | 4 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: Approximate location of the setback for Tomahawk Creek. | | | | | | | |
| 15 | Unavailable | 5E: Long-Term Retention | 3 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 16 | Unavailable | 2H: Blocked by physical obstacle (e.g. upland stand in a lowland area) | 1 | 3J: Water quality / BMPs (stream, river, or lake) | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |

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|---|-------------|---|---|-------------|-------------|-------------|-------------|
| 17 | Unavailable | 3K: Rare or unique landforms | 3 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 18 | Unavailable | 5E: Long-Term Retention | 3 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 19 | Unavailable | 1C: Other dept or div proc/practices | 2 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 20 | Unavailable | 5E: Long-Term Retention | 3 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 21 | Unspecified | Unspecified | 0 | | | | |
| Comments: | | | | | | | |
| 22 | Unavailable | 1C: Other dept or div proc/practices | 1 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: Other department policies. | | | | | | | |
| 23 | Unavailable | 3J: Water quality / BMPs (stream, river, or lake) | 8 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: Stream buffer for previous harvests. | | | | | | | |

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|--|-------------|--|---|---------------|-------------|-------------|-------------|
| 24 | Unavailable | 3J: Water quality / BMPs (stream, river, or lake) | 8 | 2F: Too steep | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 25 | Unavailable | 3J: Water quality / BMPs (stream, river, or lake) | 1 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: Stream buffer in previous harvests. | | | | | | | |
| 26 | Unavailable | 3J: Water quality / BMPs (stream, river, or lake) | 2 | 2F: Too steep | Unspecified | Unspecified | Unspecified |
| Comments: Slope terminates directly into wetland with no room to turn equipment. | | | | | | | |
| 27 | Unavailable | 3J: Water quality / BMPs (stream, river, or lake) | 1 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 28 | Unavailable | 3J: Water quality / BMPs (stream, river, or lake) | 3 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 29 | Unavailable | 3J: Water quality / BMPs (stream, river, or lake) | 1 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |

Report 4 – Site Conditions

Atlanta Mgt. Unit
Daniel Natzke: Examiner

Compartment: 119
Year of Entry: 2026



| | | | | | | | |
|---|--------------------|---|---|--|-------------|-------------|-------------|
| 30 | Unavailable | 2G: Too wet (sensitive soils, does not include access issues) | 7 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 31 | Unavailable | 2H: Blocked by physical obstacle (e.g. upland stand in a lowland area) | 5 | 3J: Water quality / BMPs (stream, river, or lake) | Unspecified | Unspecified | Unspecified |
| Comments: Small stand cut off by drainages showing considerable beaver damage throughout. | | | | | | | |
| 32 | Unavailable | 3J: Water quality / BMPs (stream, river, or lake) | 3 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: Slopes and wetland setback. Wouldn't hurt to hold future harvests back from the wetland edge due to beaver activity. | | | | | | | |
| 33 | Unavailable | 2G: Too wet (sensitive soils, does not include access issues) | 6 | 5D: Unproductive Forest Land | Unspecified | Unspecified | Unspecified |
| Comments: Stand is probably too wet most years. Generally poorer growth as well. | | | | | | | |
| 34 | Unavailable | 3J: Water quality / BMPs (stream, river, or lake) | 3 | 3A: Conservation Values incompatible with harvest at this time | Unspecified | Unspecified | Unspecified |
| Comments: Previous harvest buffers that also include red and a few white pine near or at legacy status. | | | | | | | |
| 35 | Unavailable | 3D: Recreational / Scenic values | 7 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: Small "standlets" along M-33. High visibility. Many containing about 100 year old oak and red/white pine approaching legacy standards. Difficulty in harvesting due to proximity to highway and powerline ROW. Best left for aesthetic relief, ecological purposes. | | | | | | | |

Report 4 – Site Conditions

Atlanta Mgt. Unit
Daniel Natzke: Examiner

Compartment: 119
Year of Entry: 2026



| | | | | | | | |
|--|--------------------|---|----|---|-------------|-------------|-------------|
| 36 | Available | 5C: Delay treatment for age/size class diversity or exceptional site quality | 32 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: Fairly small and isolated | | | | | | | |
| 37 | Unavailable | 3A: Conservation Values incompatible with harvest at this time | 5 | 2G: Too wet (sensitive soils, does not include access issues) | Unspecified | Unspecified | Unspecified |
| Comments: Loon Lake muskeg ERA. Too wet. | | | | | | | |
| 38 | Available | 5C: Delay treatment for age/size class diversity or exceptional site quality | 46 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: Coordinate treatment with the rest of the stand in the compartment to the east where possible. | | | | | | | |
| 39 | Unavailable | 3D: Recreational / Scenic values | 5 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: Very small stand with mature red and white pine at the center and more recent white pine regeneration on the edges. Highly visible on a turn at the top of a hill. | | | | | | | |

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 | | | | |



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 |
|-------------------|-----------------------------|--|
| SCA | Cold Water Lake | A coldwater lake has temperature and dissolved oxygen conditions that allow naturally-reproduced or stocked trout populations and those of other coldwater fish species to persist from year to year. Suitable conditions for coldwater fishes may occur in Michigan lakes if they are relatively deep, have substantial groundwater inflows, or are located in colder (northern) areas of the state. Such lakes are established by Director's action and designated as trout resources by Fisheries Order 200. |
| SCA | Cold Water Stream | A coldwater stream has temperature and dissolved oxygen conditions that allow naturally-reproduced or stocked trout populations and those of other coldwater fish species (e.g., slimy sculpin) to persist from year to year. Coldwater streams in Michigan typically provide these conditions due to substantial contributions of groundwater to their stream flows. Such streams are established by Director's action and designated as trout resources by Fisheries Order 210. |
| SCA | Riparian Area | A transitional area between aquatic and terrestrial ecosystems in which the terrestrial ecosystem influences the aquatic ecosystem and vice-versa. Because of the unique conditions adjacent to lakes, streams and open water wetlands, riparian areas harbor a high diversity of plants and wildlife. Riparian communities are ecologically and socially significant in their effects on water quality and quantity, as well as aesthetics, habitat, bank stability, timber production, and their contribution to overall biodiversity. |
| HCVA | Designated Critical Habitat | Critical habitat areas are established via a consultative and cooperative process between the DNR and the U.S. Fish and Wildlife service for the recovery of threatened and endangered species, as governed by Part 365, Endangered Species Protection, of the Natural Resources and Environmental Protection Act, 1994 PA 451, and the Federal Endangered Species Act of 1973. This is an active program, with proposed species plans in various stages of review. As of now only two exist, Kirtland Warbler Habitat and Piping Plover Habitat. |
| ERA | Ecological Reference Areas | Ecological Reference Areas (ERAs) are high quality examples of natural communities that have been identified as Element Occurrences (EOs) by the Michigan Natural Features Inventory (MNFI) within the context of their natural community classification system. Element Occurrences with viability ranks of A (Excellent) or B (Good) and a Global (G) or State (S) element (rarity) ranking of endangered (1), threatened (2), or rare (3) serve as an initial base of ERAs. They may be located upon any ownership in the State. The system is comprised of individual or associations of natural community types that are managed for restoration and maintenance of natural ecological processes and values. The public may submit recommendations for lands as ERAs using the DNR Conservation Area Recommendation Form. |



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

| 1 | 4130 - Aspen | Sapling Well | 11.7 | 5 | Immature | N/A | Stand is growing in well. Honeysuckle is densest on the eastern boundary of the stand. It's rare elsewhere. | | | | |
|----------------|--------------|--------------|------------|-----|----------|--------------------|---|---------|-------------|------------|--|
| Canopy Species | | % Cover | Size Class | DBH | Age | Sub-Canopy Species | | Density | Avg. Height | Size | |
| White Pine | | 5 | Sapling | 1 | | Hawthorn (spp.) | | Low | 5 - 10 feet | Tall Shrub | |
| Quaking Aspen | | 25 | Sapling | 1 | | Red Pine | | Low | < 5 feet | Seeding | |
| Bigtooth Aspen | | 70 | Sapling | 1 | 5 | Honeysuckle (spp.) | | Low | 5 - 10 feet | Tall Shrub | |

| 2 | 4130 - Aspen | Poletimber Well | 9.3 | 33 | 51-80 | N/A | | | | | |
|------------------|--------------|-----------------|--------------|-----|-------|--------------------------|--|---------|--------------|------------|--|
| Canopy Species | | % Cover | Size Class | DBH | Age | Sub-Canopy Species | | Density | Avg. Height | Size | |
| Jack Pine | | 1 | Sapling | 4 | | White Pine | | Medium | 5 - 10 feet | Sapling | |
| Red Maple | | 8 | Sapling/Pole | 4 | | Hawthorn (spp.) | | Trace | 5 - 10 feet | Tall Shrub | |
| Bigtooth Aspen | | 62 | Pole/Sapling | 5 | 33 | Balsam Fir | | Trace | 10 - 20 feet | Sapling | |
| Balsam Fir | | 2 | Pole/Sapling | 5 | | Black/Red (Hybrid) Oak | | Trace | < 5 feet | Seeding | |
| Red Pine | | 5 | Pole/Log/Sap | 7 | | Serviceberry (Juneberry) | | Low | 10 - 20 feet | Tall Shrub | |
| Black Spruce | | 2 | Sapling | 3 | | Autumn Olive | | Low | 5 - 10 feet | Tall Shrub | |
| Quaking Aspen | | 13 | Pole/Sapling | 5 | | Honeysuckle (spp.) | | Low | 5 - 10 feet | Tall Shrub | |
| Northern Pin Oak | | 2 | Sapling/Pole | 3 | | | | | | | |
| White Pine | | 5 | Pole/Log/Sap | 7 | | | | | | | |

| 3 | 4133 - Aspen, Mixed Pine | Poletimber Well | 10.3 | 55 | 81-110 | N/A | Also a considerable amount of approximately 45 year old aspen on a second look. | | | | |
|------------------------|--------------------------|-----------------|--------------|-----|--------|--------------------------|---|---------|--------------|------------|--|
| Canopy Species | | % Cover | Size Class | DBH | Age | Sub-Canopy Species | | Density | Avg. Height | Size | |
| Bigtooth Aspen | | 35 | Pole/Log | 9 | 55 | Balsam Fir | | Low | Variable | Sapling | |
| White Pine | | 15 | Pole/Log | 8 | | White Pine | | Medium | 5 - 10 feet | Sapling | |
| Red Pine | | 5 | Log | 15 | | Cherry (spp.) | | Low | 5 - 10 feet | Tall Shrub | |
| Balsam Fir | | 5 | Pole/Sapling | 7 | | Honeysuckle (spp.) | | Low | 5 - 10 feet | Tall Shrub | |
| Black/Red (Hybrid) Oak | | 3 | Log/Pole | 10 | | Northern Pin Oak | | Low | 10 - 20 feet | Sapling | |
| Quaking Aspen | | 15 | Pole | 7 | | Serviceberry (Juneberry) | | Trace | 10 - 20 feet | Tall Shrub | |
| Red Maple | | 5 | Sapling/Pole | 4 | | Hawthorn (spp.) | | Low | 5 - 10 feet | Tall Shrub | |
| Jack Pine | | 15 | Pole | 8 | 47 | | | | | | |
| White Oak | | 2 | Log | 14 | | | | | | | |



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

| 4 | 3102 - Grass | Nonstocked | 1.8 | | Immature | Managed Opening | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|--------------|--------------|------------|---|----------|--------------------|---------|-------------|------|----------|-------|----------|---------|---------------|-----|----------|---------|--------------------|-------|----------|------------|--------------|-----|-------------|------------|----------------------|-------|----------|------------|----------------------|------|-------------|----------|------------|-------|----------|------------|------------|-----|--------------|---------|------------------|--------|-------------|----------|-----------------|-------|--------------|------------|--|
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| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | Trace | >20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Poplar | Low | >20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Honeysuckle (spp.) | Trace | < 5 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Autumn Olive | Low | 5 - 10 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Blackberry/Raspberry | Trace | < 5 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mixed Sedges/Grasses | High | Unspecified | Non-Wood | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sweet Fern | Trace | < 5 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | Low | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Spotted Knapweed | Medium | Unspecified | Non-Wood | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hawthorn (spp.) | Trace | 10 - 20 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| 5 | 310 - Herbaceous Openland | Nonstocked | 2.2 | | Unspecified | No | The trail to the opening has grown over. | | | | | | | | | | | | | | | | | | | |
|----------------------|---------------------------|-------------|------------|--|-------------|--------------------|--|-------------|------|----------------------|------|-------------|----------|-----------------|-----|-------------|----------|------------------|--------|-------------|----------|------------|--------|----------|------------|--|
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| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | |
| Mixed Sedges/Grasses | High | Unspecified | Non-Wood | | | | | | | | | | | | | | | | | | | | | | | |
| Little Bluestem | Low | Unspecified | Non-Wood | | | | | | | | | | | | | | | | | | | | | | | |
| Spotted Knapweed | Medium | Unspecified | Non-Wood | | | | | | | | | | | | | | | | | | | | | | | |
| Sweet Fern | Medium | < 5 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | |

| 6 | 4139 - Aspen, Mixed Deciduous | Poletimber Well | 41.2 | 47 | 81-110 | N/A | There is a low density of hawthorn throughout. Honeysuckle is densest in north third. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-------------------------------|-----------------|------------|------------|--------|-----|---|---|-----|----|--|-----------|---|------|---|--|------------|---|--------------|---|--|----------------|----|------|---|--|-----------|----|----------|----|--|---------------|----|------|---|----|------------------------|----|----------|----|--|------------|---|----------|----|--|--|--|--------------------|---------|-------------|------|---------------|-----|-------------|------------|-----------|-----|----------|---------|--------------------|------|----------|------------|------------|--------|----------|---------|-----------|--------|----------|---------|--------------------------|-------|--------------|------------|-----------------|-----|-------------|------------|--|
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | 5 | Log | 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jack Pine | 2 | Pole | 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | 2 | Pole/Sapling | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bigtooth Aspen | 15 | Pole | 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 10 | Log/Pole | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 43 | Pole | 8 | 47 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black/Red (Hybrid) Oak | 15 | Log/Pole | 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 8 | Log/Pole | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cherry (spp.) | Low | 5 - 10 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | Low | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Honeysuckle (spp.) | High | < 5 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | Medium | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jack Pine | Medium | < 5 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Serviceberry (Juneberry) | Trace | 10 - 20 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hawthorn (spp.) | Low | 5 - 10 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| 7 | 42220 - Natural Jack Pine | Poletimber Well | 23.1 | 26 | 51-80 | N/A | There is a single wire fence in north with no trespassing signs. A blue carsonite identifies the survey monument in the NE across the lowland stand. A double plow line runs across portions of the stand's NE. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---------------------------|-----------------|------------|------------|-------|-----|---|----|--------------|---|----|------------|---|------|---|--|----------|---|-----|----|--|------------|---|----------|---|--|---------------|----|------|---|--|--|--|--------------------|---------|-------------|------|--------------------|--------|-------------|----------|--------------------------|-----|-------------|----------|-------------|--------|----------|------------|-----------|-----|----------|---------|------------------|-----|-------------|---------|---------------|--------|--------------|------------|------------------------------|------|----------|------------|--------------------|-----|-------------|------------|--|
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jack Pine | 78 | Pole/Sapling | 5 | 26 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | 2 | Pole | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | 5 | Log | 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 5 | Pole/Log | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 10 | Pole | 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pennsylvania Sedge | Medium | Unspecified | Non-Wood | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cladonia (Reindeer moss) | Low | Unspecified | Non-Wood | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wintergreen | Medium | < 5 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jack Pine | Low | < 5 feet | Seeding | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Northern Pin Oak | Low | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cherry (spp.) | Medium | 10 - 20 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Blueberry/Bilberry/Cranberry | High | < 5 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Honeysuckle (spp.) | Low | 5 - 10 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



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

| 8 | 42220 - Natural Jack Pine | Poletimber Well | 8.8 | 46 | 81-110 | N/A | Some older trees show scorching from fire possibly 25-30 years ago which probably initiated stand 7 to the north. There is a grove of 100 year old red pine in the east-center of this stand. | | | | |
|----------------|---------------------------|-----------------|---------------|-----|--------|--------------------------|---|---------|--------------|------------|--|
| Canopy Species | | % Cover | Size Class | DBH | Age | Sub-Canopy Species | | Density | Avg. Height | Size | |
| Jack Pine | | 85 | Pole | 8 | 46 | White Pine | | Trace | 5 - 10 feet | Sapling | |
| Red Pine | | 15 | Log/XLog/Pole | 13 | 102 | Wintergreen | | Medium | < 5 feet | Tall Shrub | |
| | | | | | | Balsam Fir | | Trace | 10 - 20 feet | Sapling | |
| | | | | | | Jack Pine | | Low | Variable | Sapling | |
| | | | | | | Red Pine | | Low | Variable | Sapling | |
| | | | | | | Cherry (spp.) | | Low | 10 - 20 feet | Tall Shrub | |
| | | | | | | Black/Red (Hybrid) Oak | | Low | 5 - 10 feet | Sapling | |
| | | | | | | Serviceberry (Juneberry) | | Trace | 10 - 20 feet | Tall Shrub | |

| 9 | 4132 - Aspen, Jack Pine | Sapling Well | 23.0 | 26 | 1-50 | N/A | The trees in the stand look small for their age but a cut stump confirms the cutting record. | | | | |
|------------------|-------------------------|--------------|--------------|-----|------|--------------------------|--|---------|--------------|------------|--|
| Canopy Species | | % Cover | Size Class | DBH | Age | Sub-Canopy Species | | Density | Avg. Height | Size | |
| Choke Cherry | | 1 | Sapling | 2 | | Serviceberry (Juneberry) | | Trace | 10 - 20 feet | Tall Shrub | |
| Red Pine | | 5 | Pole/Sapling | 5 | | Hawthorn (spp.) | | Trace | 5 - 10 feet | Tall Shrub | |
| Bigtooth Aspen | | 8 | Sapling | 3 | | White Pine | | Medium | 5 - 10 feet | Sapling | |
| Red Maple | | 2 | Pole/Sapling | 5 | | Honeysuckle (spp.) | | Low | 5 - 10 feet | Tall Shrub | |
| Quaking Aspen | | 32 | Sapling | 3 | 26 | | | | | | |
| Balsam Fir | | 2 | Pole | 6 | | | | | | | |
| White Pine | | 5 | Pole/Sapling | 6 | | | | | | | |
| Northern Pin Oak | | 20 | Pole/Log/Sap | 9 | | | | | | | |

| 10 | 4191 - Mixed Upland Deciduous with Conifer | Sapling Medium | 3.5 | 17 | 1-50 | N/A | This stand is similar in composition to stand 81, adjacent south of the red pine plantation. The jack pine heavy portion west of the trail resembles stand 102 south of the pine plantation along Tomahawk Creek. Most probably the pine plantation covers the same kind of site as stands 10 and 81 with pine cover currently interrupting what probably would've been a larger stand had it not been planted. | | | | |
|------------------------|--|----------------|--------------|-----|------|------------------------------|---|---------|-------------|------------|--|
| Canopy Species | | % Cover | Size Class | DBH | Age | Sub-Canopy Species | | Density | Avg. Height | Size | |
| Northern Pin Oak | | 42 | Sapling/Pole | 4 | 17 | Balsam Fir | | Trace | < 5 feet | Seeding | |
| White Pine | | 5 | Pole/Sapling | 6 | | Pennsylvania Sedge | | Medium | Unspecified | Non-Wood | |
| Red Maple | | 5 | Sapling/Pole | 3 | | Northern Pin Oak | | Low | < 5 feet | Seeding | |
| Black/Red (Hybrid) Oak | | 5 | Sapling | 2 | 17 | Blueberry/Bilberry/Cranberry | | Medium | < 5 feet | Tall Shrub | |
| Red Pine | | 3 | Sapling/Pole | 3 | | | | | | | |
| Jack Pine | | 30 | Pole/Sapling | 6 | | | | | | | |



| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|--------------------------|--|------------|---|----------|--------------------|---|----------------------|------------------------|-------------|----------|------------------|------|--------------------------|----------|-------------|----------|--------------|------------------------|-------------|----------|----------------|-------|--|---------|--------------------|---------|-------------|----------|----------------|---------|----------|---------|------------------------------|--------|-------------|------------|---------------|-----------|----------|------------|------------------|-------|------------------|---------|------------------|-------|----------|--|-------|--------------------|----------|-------------|--------------------|-------------|-------------|-------------|------------|--------------------|--------|-------------|----------|----------------------|-----|----------|------------|------------|-----|----------|------------|--|
| 11 | 3102 - Grass | Nonstocked | 20.9 | | Immature | No | M-33 and its grassy shoulder in the right of way. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | Trace | Variable | Log | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cladonia (Reindeer moss) | Low | Unspecified | Non-Wood | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Big Bluestem | Low | Unspecified | Non-Wood | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bigtooth Aspen | Trace | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Little Bluestem | Medium | Unspecified | Non-Wood | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | Trace | >20 feet | Pole | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mixed Sedges/Grasses | Medium | Unspecified | Non-Wood | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jack Pine | Low | >20 feet | Pole | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Northern Pin Oak | Low | >20 feet | Log | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bigtooth Aspen | Low | >20 feet | Pole | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | 42110 - Planted Red Pine | Sawtimber Well | 16.5 | 65 | 111-140 | N/A | Thinned 2019. This stand probably interrupts what probably would've been a larger mixed deciduous stand had it not been planted. See notes in stand 10. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black/Red (Hybrid) Oak | 5 | Pole/Log | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | 94 | Log/Pole | 10 | 65 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jack Pine | 1 | Pole | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bigtooth Aspen | Low | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Blueberry/Bilberry/Cranberry | Medium | < 5 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cherry (spp.) | Trace | < 5 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | Trace | < 5 feet | Seeding | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Northern Pin Oak | Trace | < 5 feet | Seeding | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Beech | Trace | < 5 feet | Seeding | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pennsylvania Sedge | Medium | Unspecified | Non-Wood | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | 3102 - Grass | Nonstocked | 2.0 | | Immature | Managed Opening | Probably an old well opening. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mixed Sedges/Grasses | Full | Unspecified | Non-Wood | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Spotted Knapweed | High | Unspecified | Non-Wood | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sweet Fern | Low | < 5 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 | 4131 - Aspen, Oak | Sapling Medium | 44.3 | 5 | Immature | N/A | There is a good amount of browse on stand margins. The stand is doing well despite its challenges. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | <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>Sapling</td> <td>1</td> <td>5</td> </tr> <tr> <td>Red Maple</td> <td>15</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>20</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>White Pine</td> <td>7</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>1</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>10</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>Jack Pine</td> <td>2</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>Northern Pin Oak</td> <td>10</td> <td>Sapling</td> <td>1</td> <td></td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | Bigtooth Aspen | 35 | Sapling | 1 | 5 | Red Maple | 15 | Sapling | 1 | | Black/Red (Hybrid) Oak | 20 | Sapling | 1 | | White Pine | 7 | Sapling | 1 | | Red Pine | 1 | Sapling | 1 | | Quaking Aspen | 10 | Sapling | 1 | | Jack Pine | 2 | Sapling | 1 | | Northern Pin Oak | 10 | Sapling | 1 | | <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>Witch Hazel</td> <td>Trace</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Pennsylvania Sedge</td> <td>Medium</td> <td>Unspecified</td> <td>Non-Wood</td> </tr> <tr> <td>Blackberry/Raspberry</td> <td>Low</td> <td>< 5 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Sweet Fern</td> <td>Low</td> <td>< 5 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Witch Hazel | Trace | 5 - 10 feet | Tall Shrub | Pennsylvania Sedge | Medium | Unspecified | Non-Wood | Blackberry/Raspberry | Low | < 5 feet | Tall Shrub | Sweet Fern | Low | < 5 feet | Tall Shrub | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bigtooth Aspen | 35 | Sapling | 1 | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 15 | Sapling | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black/Red (Hybrid) Oak | 20 | Sapling | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 7 | Sapling | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | 1 | Sapling | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 10 | Sapling | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jack Pine | 2 | Sapling | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Northern Pin Oak | 10 | Sapling | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Witch Hazel | Trace | 5 - 10 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pennsylvania Sedge | Medium | Unspecified | Non-Wood | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Blackberry/Raspberry | Low | < 5 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sweet Fern | Low | < 5 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



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

16 4311 - Pine, Aspen Mix Poletimber Medium 30.9 67 51-80 N/A A highly variable, patchy stand with generally poor quality trees.

| Canopy Species | % Cover | Size Class | DBH | Age | Sub-Canopy Species | Density | Avg. Height | Size |
|------------------|---------|------------|-----|-----|------------------------------|---------|--------------|------------|
| Red Pine | 15 | Log/XLog | 14 | | Blueberry/Bilberry/Cranberry | Medium | < 5 feet | Tall Shrub |
| Northern Pin Oak | 20 | Log/Pole | 11 | | Serviceberry (Juneberry) | Low | 10 - 20 feet | Tall Shrub |
| Black Cherry | 5 | Pole | 6 | | Mixed Sedges/Grasses | Medium | Unspecified | Non-Wood |
| White Pine | 10 | Log/Pole | 12 | | Red Pine | Trace | 5 - 10 feet | Sapling |
| Jack Pine | 20 | Pole/Log | 8 | 67 | Honeysuckle (spp.) | Medium | 5 - 10 feet | Tall Shrub |
| Bigtooth Aspen | 5 | Pole/Log | 9 | | White Pine | Low | Variable | Sapling |
| Quaking Aspen | 20 | Pole/Log | 9 | 67 | Red Maple | Trace | Variable | Sapling |
| Red Maple | 5 | Pole/Log | 8 | | Northern Pin Oak | Medium | 10 - 20 feet | Sapling |

17 622 - Lowland Shrub Nonstocked 35.5 Immature No Tomahawk Creek

| Sub-Canopy Species | Density | Avg. Height | Size |
|----------------------|---------|-------------|------------|
| Alder | Medium | 5 - 10 feet | Tall Shrub |
| Cattail spp. | Low | Unspecified | Non-Wood |
| Meadowsweet | Medium | < 5 feet | Tall Shrub |
| Willow spp. | Medium | 5 - 10 feet | Tall Shrub |
| Jack Pine | Low | Variable | Sapling |
| Mixed Sedges/Grasses | High | Unspecified | Non-Wood |

18 4199 - Other Mixed Upland Deciduous Sapling Medium 35.0 16 1-50 N/A Scattered log size northern pin oak and pole-log quaking aspen especially in the north. Brushy. Ugly stand. The center is nicer, with mainly scrub oak, jack pine, and red maple but very dense invasive honeysuckle brush surrounding.

| Canopy Species | % Cover | Size Class | DBH | Age | Sub-Canopy Species | Density | Avg. Height | Size |
|------------------|---------|--------------|-----|-----|--------------------------|---------|-------------|------------|
| Bigtooth Aspen | 1 | Sapling | 2 | | Sweet Fern | Medium | < 5 feet | Tall Shrub |
| Northern Pin Oak | 28 | Sapling | 2 | 16 | Autumn Olive | Trace | 5 - 10 feet | Tall Shrub |
| Red Pine | 2 | Sapling/Pole | 4 | | Serviceberry (Juneberry) | Low | 5 - 10 feet | Tall Shrub |
| White Pine | 5 | Pole/Sapling | 6 | | Mixed Sedges/Grasses | Medium | Unspecified | Non-Wood |
| Black Cherry | 7 | Sapling | 3 | | Hawthorn (spp.) | Low | 5 - 10 feet | Tall Shrub |
| Red Maple | 27 | Sapling/Pole | 3 | | Honeysuckle (spp.) | High | 5 - 10 feet | Tall Shrub |
| White Oak | 5 | Sapling | 3 | | | | | |
| Quaking Aspen | 15 | Sapling | 3 | 16 | | | | |
| Jack Pine | 10 | Sapling | 2 | | | | | |

19 310 - Herbaceous Openland Nonstocked 23.1 Immature No Powerline right of way.

| Sub-Canopy Species | Density | Avg. Height | Size |
|----------------------|---------|--------------|------------|
| Sweet Fern | Medium | < 5 feet | Tall Shrub |
| Big Bluestem | Trace | Unspecified | Non-Wood |
| Little Bluestem | Low | Unspecified | Non-Wood |
| Northern Pin Oak | Trace | < 5 feet | Seeding |
| Red Pine | Trace | 5 - 10 feet | Sapling |
| White Pine | Trace | 10 - 20 feet | Sapling |
| Mixed Sedges/Grasses | Full | Unspecified | Non-Wood |



| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments | | |
|-----------|-------------------------------------|----------------|-------------------|------------|------------|------------------------------|--|--------------------|-------------|
| 20 | 4139 - Aspen, Mixed Deciduous | Sapling Well | 33.5 | 14 | Immature | N/A | Portions of the stand near the old landing in the north are dense with invasive honeysuckle. | | |
| | Canopy Species | % Cover | Size Class | DBH | Age | Sub-Canopy Species | Density | Avg. Height | Size |
| | Red Maple | 5 | Sapling | 2 | | Alder | Trace | 5 - 10 feet | Tall Shrub |
| | Bigtooth Aspen | 33 | Sapling | 2 | 14 | Honeysuckle (spp.) | Low | 5 - 10 feet | Tall Shrub |
| | Northern Pin Oak | 15 | Sapling/Pole | 3 | | Pennsylvania Sedge | Medium | Unspecified | Non-Wood |
| | Balsam Fir | 2 | Sapling/Pole | 4 | | Big Bluestem | Low | Unspecified | Non-Wood |
| | Red Pine | 5 | Pole/Sapling | 5 | | Hawthorn (spp.) | Trace | 5 - 10 feet | Tall Shrub |
| | White Pine | 8 | Sapling/Pole | 4 | | Blueberry/Bilberry/Cranberry | Medium | < 5 feet | Tall Shrub |
| | Quaking Aspen | 25 | Sapling | 2 | | Serviceberry (Juneberry) | Low | 5 - 10 feet | Tall Shrub |
| | Jack Pine | 2 | Sapling | 2 | | Hazelnut (Beaked) | Trace | 5 - 10 feet | Tall Shrub |
| | Choke Cherry | 5 | Sapling | 3 | | Sweet Fern | Low | < 5 feet | Tall Shrub |
| 21 | 4199 - Other Mixed Upland Deciduous | Sapling Medium | 40.6 | 17 | Immature | N/A | Browse is common throughout the area but this stand has regenerated to at least a moderate stocking. | | |
| | Canopy Species | % Cover | Size Class | DBH | Age | Sub-Canopy Species | Density | Avg. Height | Size |
| | White Pine | 15 | Sapling | 3 | | Blueberry/Bilberry/Cranberry | Medium | < 5 feet | Tall Shrub |
| | Jack Pine | 2 | Sapling | 2 | | Blackberry/Raspberry | Low | < 5 feet | Tall Shrub |
| | Northern Pin Oak | 15 | Sapling | 3 | 17 | Witch Hazel | Trace | 5 - 10 feet | Tall Shrub |
| | Black/Red (Hybrid) Oak | 33 | Sapling | 3 | 17 | Honeysuckle (spp.) | Trace | 5 - 10 feet | Tall Shrub |
| | Balsam Poplar | 1 | Sapling | 2 | 17 | Hawthorn (spp.) | Trace | 5 - 10 feet | Tall Shrub |
| | Bigtooth Aspen | 8 | Sapling | 2 | 17 | | | | |
| | White Oak | 3 | Sapling | 1 | | | | | |
| | Red Maple | 13 | Sapling | 2 | | | | | |
| | Quaking Aspen | 5 | Sapling | 3 | | | | | |
| | Choke Cherry | 5 | Sapling | 1 | | | | | |
| 22 | 4131 - Aspen, Oak | Sapling Medium | 50.7 | 6 | Immature | N/A | Heavy browse to maple, often mowed to under 3'. Nice patch of natural red and white pine regen in the northeast. Fair amount of free to grow oak. As with a couple other areas in the compartment, browse pressure on oak seems to have been given a reprieve. It may be because of the large clear cut to the north drawing browse pressure away. There may be more free to grow oak than expected in the future. | | |
| | Canopy Species | % Cover | Size Class | DBH | Age | Sub-Canopy Species | Density | Avg. Height | Size |
| | Black/Red (Hybrid) Oak | 25 | Sapling | 1 | 6 | Blueberry/Bilberry/Cranberry | High | < 5 feet | Tall Shrub |
| | Black Cherry | 5 | Sapling | 1 | 6 | Red Maple | Medium | < 5 feet | Seeding |
| | Bigtooth Aspen | 58 | Sapling | 1 | 6 | Sweet Fern | Low | < 5 feet | Tall Shrub |
| | Red Maple | 5 | Sapling | 1 | | White Pine | Trace | < 5 feet | Seeding |
| | White Pine | 5 | Sapling | 1 | | | | | |
| | Red Pine | 2 | Sapling | 1 | | | | | |



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

23 3102 - Grass Nonstocked 4.0 Immature Managed Opening Invasive honeysuckle in north.

| Sub-Canopy Species | Density | Avg. Height | Size |
|----------------------|---------|--------------|------------|
| Sweet Fern | Medium | < 5 feet | Tall Shrub |
| Honeysuckle (spp.) | Low | 5 - 10 feet | Tall Shrub |
| Mixed Sedges/Grasses | Medium | Unspecified | Non-Wood |
| Big Bluestem | Medium | Unspecified | Non-Wood |
| Little Bluestem | Low | Unspecified | Non-Wood |
| Cherry (spp.) | Trace | 10 - 20 feet | Tall Shrub |
| Jack Pine | Low | >20 feet | Sapling |

24 42210 - Natural Red Pine Sawtimber Well 3.1 84 111-140 N/A Area retention for the harvest in stand 31, soon to be replanted.

| Canopy Species | % Cover | Size Class | DBH | Age |
|----------------|---------|------------|-----|-----|
| Jack Pine | 20 | Pole | 9 | |
| Red Pine | 80 | Log | 12 | 84 |

| Sub-Canopy Species | Density | Avg. Height | Size |
|--------------------|---------|--------------|---------|
| Northern Pin Oak | Medium | 5 - 10 feet | Sapling |
| Red Pine | Trace | < 5 feet | Seeding |
| White Pine | Trace | 5 - 10 feet | Sapling |
| Red Maple | Trace | >20 feet | Sapling |
| Beech | Trace | >20 feet | Sapling |
| Balsam Fir | Trace | >20 feet | Sapling |
| White Oak | Trace | 10 - 20 feet | Sapling |

25 42111 - Planted Red Pine, Mixed Deciduous Poletimber Well 7.9 34 81-110 N/A

| Canopy Species | % Cover | Size Class | DBH | Age |
|------------------|---------|--------------|-----|-----|
| Bigtooth Aspen | 5 | Sapling/Pole | 4 | |
| Quaking Aspen | 5 | Pole/Sapling | 5 | |
| Jack Pine | 8 | Pole/Sapling | 6 | |
| Northern Pin Oak | 5 | Sapling/Pole | 4 | |
| Red Pine | 72 | Pole/Sapling | 6 | 34 |
| Red Maple | 5 | Sapling/Pole | 4 | |

| Sub-Canopy Species | Density | Avg. Height | Size |
|--------------------------|---------|--------------|------------|
| Cherry (spp.) | Low | Variable | Tall Shrub |
| Hawthorn (spp.) | Trace | Variable | Tall Shrub |
| Honeysuckle (spp.) | Low | < 5 feet | Tall Shrub |
| Serviceberry (Juneberry) | Trace | 10 - 20 feet | Tall Shrub |
| Huckleberry | Low | < 5 feet | Tall Shrub |

26 3102 - Grass Nonstocked 2.0 Immature No

| Sub-Canopy Species | Density | Avg. Height | Size |
|----------------------|---------|-------------|------------|
| Spotted Knapweed | Medium | Unspecified | Non-Wood |
| Bigtooth Aspen | Low | < 5 feet | Seeding |
| Honeysuckle (spp.) | Trace | < 5 feet | Tall Shrub |
| White Pine | Trace | < 5 feet | Seeding |
| Big Bluestem | Medium | Unspecified | Non-Wood |
| Mixed Sedges/Grasses | High | Unspecified | Non-Wood |



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

27 4199 - Other Mixed Upland Deciduous Sawtimber Well 53.7 107 81-110 N/A

| Canopy Species | % Cover | Size Class | DBH | Age | Sub-Canopy Species | Density | Avg. Height | Size |
|------------------------|---------|------------|-----|-----|--------------------------|---------|--------------|------------|
| Red Maple | 15 | Pole/Log | 8 | | Red Maple | Medium | Variable | Sapling |
| Quaking Aspen | 5 | Log/Pole | 10 | | Bigtooth Aspen | Low | Variable | Sapling |
| Bigtooth Aspen | 20 | Log/Pole | 11 | 60 | Northern Pin Oak | Low | 10 - 20 feet | Sapling |
| Black/Red (Hybrid) Oak | 30 | Log | 13 | 107 | Jack Pine | Low | Variable | Sapling |
| White Pine | 3 | Pole/Log | 8 | | White Pine | Low | 5 - 10 feet | Seeding |
| Jack Pine | 2 | Pole | 7 | | Hawthorn (spp.) | Trace | 5 - 10 feet | Tall Shrub |
| Northern Pin Oak | 20 | Log/Pole | 12 | 100 | Cherry (spp.) | Low | 5 - 10 feet | Tall Shrub |
| Red Pine | 5 | Log | 13 | | Serviceberry (Juneberry) | Trace | 5 - 10 feet | Tall Shrub |

28 122 - Road/Parking Lot Nonstocked 10.2 Unspecified No CR-634, native surface and gravel, grassy shoulders with saplings.

| Sub-Canopy Species | Density | Avg. Height | Size |
|----------------------|---------|-------------|----------|
| Northern Pin Oak | Low | Variable | Sapling |
| Mixed Sedges/Grasses | Medium | Unspecified | Non-Wood |

29 4191 - Mixed Upland Deciduous with Conifer Sapling Poor 12.3 22 1-50 N/A

| Canopy Species | % Cover | Size Class | DBH | Age | Sub-Canopy Species | Density | Avg. Height | Size |
|----------------|---------|--------------|-----|-----|--------------------------|---------|--------------|------------|
| Quaking Aspen | 15 | Sapling/Pole | 4 | | Mixed Sedges/Grasses | High | Unspecified | Non-Wood |
| Red Maple | 20 | Sapling/Pole | 4 | 22 | Honeysuckle (spp.) | High | 5 - 10 feet | Tall Shrub |
| White Pine | 10 | Pole/Sap/Log | 7 | | Sweet Fern | Medium | < 5 feet | Tall Shrub |
| Jack Pine | 10 | Sapling | 2 | | Serviceberry (Juneberry) | Low | 10 - 20 feet | Tall Shrub |
| Black Cherry | 5 | Sapling/Pole | 4 | | Hawthorn (spp.) | Low | 5 - 10 feet | Tall Shrub |

Aerial imagery from Sept 1952 shows this as a relatively open area, or at least an area with few large-crowned trees. Cut stumps of sapling red maple and pin oak show an age of about 22 years old. Widely spaced saplings with a good amount of brush, mostly invasive honeysuckle, between. A few pole jack pine. A few rare log size trees as well.

30 310 - Herbaceous Openland Nonstocked 2.1 Unspecified Managed Opening This stand will be rolled into the future planting site with stand 29 and 82.

| Sub-Canopy Species | Density | Avg. Height | Size |
|----------------------|---------|--------------|------------|
| White Pine | Trace | >20 feet | Sapling |
| Jack Pine | Low | 10 - 20 feet | Sapling |
| Spotted Knapweed | Medium | Unspecified | Non-Wood |
| Cherry (spp.) | Low | 10 - 20 feet | Tall Shrub |
| Northern Pin Oak | Low | 10 - 20 feet | Sapling |
| Sweet Fern | Medium | < 5 feet | Tall Shrub |
| Mixed Sedges/Grasses | High | Unspecified | Non-Wood |
| Honeysuckle (spp.) | Medium | 5 - 10 feet | Tall Shrub |



| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments | | | | | |
|--------------------------|---------------------------------------|----------------|------------|-----------|-------------|-------------------------|---|----------------------|---------|--------------|------------|-----|
| 31 | 3103 - Rubus-Fern | Nonstocked | 30.5 | 0 | Immature | 4211 - Planted Red Pine | Initial planting completed 4/29/2024 with 1-0 PRT Red Pine at ~889 TPA. Avg furrow spacing is 8.1 ft. Herbicide was applied via skidder in July of 2023. Trenching for the planting of red pine was completed on 5/21/22. Cut 4/2019. May need to roller chop areas with advanced aspen and red maple regeneration. Roller chopped 4/25/21 | | | | | |
| | | | | | | | | Sub-Canopy Species | Density | Avg. Height | Size | |
| | | | | | | | | Jack Pine | Low | < 5 feet | Seeding | |
| | | | | | | | | Red Pine | Trace | < 5 feet | Seeding | |
| | | | | | | | | Northern Pin Oak | Medium | < 5 feet | Seeding | |
| Mixed Sedges/Grasses | Full | Unspecified | Non-Wood | | | | | | | | | |
| Cherry (spp.) | Low | 5 - 10 feet | Tall Shrub | | | | | | | | | |
| 32 | 42260 - Natural Pine, Mixed Deciduous | Sapling Medium | 11.5 | 5 | Immature | N/A | Split from the stand to the east, well stocked aspen saplings (100 A3), due to composition shift. The stand currently is at the lower height threshold for a forested stand. Jack pine is the majority species but northern pin oak stump sprouts will probably fill in and exceed the browse height to become free to grow in the future. Northern pin oak stump sprouts that are free to grow make up about 15% of the canopy layer at present. | | | | | |
| | | | | | | | | Canopy Species | % Cover | Size Class | DBH | Age |
| | | | | | | | | Quaking Aspen | 5 | Sapling | 1 | |
| | | | | | | | | White Pine | 2 | Sapling | 1 | |
| | | | | | | | | Black Cherry | 5 | Sapling | 1 | |
| | | | | | | | | Northern Pin Oak | 15 | Sapling | 1 | |
| | | | | | | | | Red Pine | 1 | Sapling | 1 | |
| | | | | | | | | Bigtooth Aspen | 15 | Sapling | 1 | |
| Jack Pine | 57 | Sapling | 1 | 5 | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | |
| Mixed Sedges/Grasses | High | Unspecified | Non-Wood | | | | | | | | | |
| Sweet Fern | Low | < 5 feet | Tall Shrub | | | | | | | | | |
| Red Maple | Low | < 5 feet | Sapling | | | | | | | | | |
| 33 | 310 - Herbaceous Openland | Nonstocked | 4.3 | | Unspecified | Managed Opening | The old Onaway dump. It was the location of a couple fires in early 1980s. Double plow line encircles this opening in neighboring stands. Invasive honeysuckle is in the opening and spreading into nearby stands. | | | | | |
| | | | | | | | | Sub-Canopy Species | Density | Avg. Height | Size | |
| | | | | | | | | Sweet Fern | Low | < 5 feet | Tall Shrub | |
| | | | | | | | | Little Bluestem | Low | Unspecified | Non-Wood | |
| | | | | | | | | Big Bluestem | Low | Unspecified | Non-Wood | |
| | | | | | | | | Mixed Sedges/Grasses | High | Unspecified | Non-Wood | |
| | | | | | | | | Cherry (spp.) | Low | 10 - 20 feet | Tall Shrub | |
| | | | | | | | | White Pine | Trace | 5 - 10 feet | Sapling | |
| | | | | | | | | Juniper | Trace | < 5 feet | Tall Shrub | |
| Honeysuckle (spp.) | Low | 5 - 10 feet | Tall Shrub | | | | | | | | | |
| 34 | 42260 - Natural Pine, Mixed Deciduous | Sawtimber Well | 5.2 | 110 | 111-140 | N/A | Small stand. Patchy. Center contains about 100 year old red and white pine, the east contains oak of about the same age (estimated), and the west contains some mature aspen (estimated 60 years old). Young white pine, released probably about 14 years ago, is common especially on the stand margins. | | | | | |
| | | | | | | | | Canopy Species | % Cover | Size Class | DBH | Age |
| | | | | | | | | White Pine | 50 | Log | 16 | 110 |
| | | | | | | | | Red Maple | 2 | Pole/Sapling | 5 | |
| | | | | | | | | Red Pine | 20 | Log | 15 | 71 |
| | | | | | | | | Bigtooth Aspen | 8 | Log/Pole | 10 | |
| | | | | | | | | Northern Pin Oak | 20 | Log/Pole | 12 | |
| | | | | | | | | Sub-Canopy Species | Density | Avg. Height | Size | |
| Hawthorn (spp.) | Low | 5 - 10 feet | Tall Shrub | | | | | | | | | |
| Serviceberry (Juneberry) | Low | 10 - 20 feet | Tall Shrub | | | | | | | | | |
| Red Maple | Low | >20 feet | Sapling | | | | | | | | | |
| Northern Pin Oak | Low | 10 - 20 feet | Sapling | | | | | | | | | |
| Bigtooth Aspen | Low | < 5 feet | Sapling | | | | | | | | | |
| White Pine | High | Variable | Sapling | | | | | | | | | |



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

| | | | | | | | |
|-----------|---------------------------|--------------|------|----|------|-----|--|
| 35 | 42120 - Planted Jack Pine | Sapling Well | 18.1 | 25 | 1-50 | N/A | |
|-----------|---------------------------|--------------|------|----|------|-----|--|

| Canopy Species | % Cover | Size Class | DBH | Age |
|------------------|---------|--------------|-----|-----|
| White Oak | 2 | Pole | 7 | |
| Quaking Aspen | 5 | Sapling | 3 | |
| Northern Pin Oak | 8 | Sapling | 1 | |
| Red Pine | 2 | Log | 12 | |
| Jack Pine | 80 | Sapling/Pole | 4 | 25 |
| Choke Cherry | 3 | Sapling | 2 | |

| Sub-Canopy Species | Density | Avg. Height | Size |
|------------------------------|---------|--------------|------------|
| Blueberry/Bilberry/Cranberry | High | < 5 feet | Tall Shrub |
| Serviceberry (Juneberry) | Low | 10 - 20 feet | Tall Shrub |

| | | | | | | | |
|-----------|----------------------|--------------|------|----|----------|-----|---|
| 36 | 4310 - Pine, Oak Mix | Sapling Well | 12.0 | 16 | Immature | N/A | Pine becomes more common as one travels eastward. |
|-----------|----------------------|--------------|------|----|----------|-----|---|

| Canopy Species | % Cover | Size Class | DBH | Age |
|------------------|---------|--------------|-----|-----|
| Red Maple | 1 | Sapling | 2 | |
| Choke Cherry | 2 | Sapling | 2 | |
| Quaking Aspen | 5 | Sapling | 1 | |
| Bigtooth Aspen | 20 | Sapling/Pole | 2 | 16 |
| Red Pine | 2 | Pole | 6 | |
| White Pine | 15 | Pole/Sapling | 6 | |
| Jack Pine | 25 | Sapling | 1 | |
| White Oak | 2 | Sapling | 3 | |
| Northern Pin Oak | 28 | Sapling/Pole | 4 | 16 |

| Sub-Canopy Species | Density | Avg. Height | Size |
|------------------------------|---------|-------------|------------|
| Blackberry/Raspberry | Low | < 5 feet | Tall Shrub |
| Blueberry/Bilberry/Cranberry | High | < 5 feet | Tall Shrub |

| | | | | | | | |
|-----------|---|----------------|------|----|---------|-----|--|
| 37 | 42111 - Planted Red Pine, Mixed Deciduous | Sawtimber Well | 13.6 | 63 | 111-140 | N/A | Planting records for the area indicate planting occurred in 1940 after the Canada Creek Fire (1939). This stand seems to relate more to a more recent planting record from 1959 however. |
|-----------|---|----------------|------|----|---------|-----|--|

| Canopy Species | % Cover | Size Class | DBH | Age |
|------------------------|---------|------------|-----|-----|
| Black/Red (Hybrid) Oak | 13 | Log/Pole | 11 | |
| Red Pine | 70 | Log | 12 | 63 |
| Red Maple | 5 | Pole | 6 | |
| Bigtooth Aspen | 10 | Pole/Log | 9 | |
| White Oak | 2 | Log | 13 | |

| Sub-Canopy Species | Density | Avg. Height | Size |
|------------------------|---------|--------------|---------|
| Cherry (spp.) | Trace | 10 - 20 feet | Sapling |
| Red Pine | Trace | 10 - 20 feet | Sapling |
| Black/Red (Hybrid) Oak | Low | < 5 feet | Sapling |
| White Pine | Low | 5 - 10 feet | Sapling |
| Red Maple | Low | Variable | Sapling |

| | | | | | | | |
|-----------|-------------------------------------|--------------|------|---|----------|-----|--|
| 38 | 4199 - Other Mixed Upland Deciduous | Sapling Poor | 11.7 | 5 | Immature | N/A | Stand margins are moderate to well stocked with big tooth aspen in the west and northern pin oak and jack pine elsewhere. The center is of low stocking with jack pine, cherry, quaking aspen and white pine. Cherry and jack pine keep the stand barely forested there. Much of the pin oak seems to have escaped significant browse this past winter, possibly resulting in an increase in free to grow oak in the future. |
|-----------|-------------------------------------|--------------|------|---|----------|-----|--|

| Canopy Species | % Cover | Size Class | DBH | Age |
|--------------------------|---------|------------|-----|-----|
| Red Maple | 5 | Sapling | 1 | |
| Serviceberry (Juneberry) | 5 | Sapling | 1 | |
| Black Cherry | 23 | Sapling | 1 | |
| White Pine | 2 | Sapling | 1 | |
| Quaking Aspen | 3 | Sapling | 1 | |
| Bigtooth Aspen | 20 | Sapling | 1 | 5 |
| Willow spp. | 2 | Sapling | 1 | |
| Jack Pine | 15 | Sapling | 1 | |
| Northern Pin Oak | 25 | Sapling | 1 | 5 |

| Sub-Canopy Species | Density | Avg. Height | Size |
|------------------------------|---------|-------------|------------|
| Pennsylvania Sedge | Medium | Unspecified | Non-Wood |
| Big Bluestem | Trace | Unspecified | Non-Wood |
| Little Bluestem | Trace | Unspecified | Non-Wood |
| Blueberry/Bilberry/Cranberry | Medium | < 5 feet | Tall Shrub |
| Sweet Fern | Low | < 5 feet | Tall Shrub |



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

39 4191 - Mixed Upland Deciduous with Conifer Sawtimber Well 11.4 84 81-110 N/A Beaver damage along pond banks.

| Canopy Species | % Cover | Size Class | DBH | Age |
|------------------------|---------|------------|-----|-----|
| Balsam Fir | 3 | Pole | 7 | |
| Paper Birch | 2 | Pole | 8 | |
| Red Maple | 15 | Pole/Log | 8 | 84 |
| Beech | 1 | Pole | 6 | |
| Quaking Aspen | 7 | Log/Pole | 10 | |
| Black/Red (Hybrid) Oak | 22 | Log | 14 | 84 |
| White Pine | 15 | Log/Pole | 11 | |
| Red Pine | 20 | Log/Pole | 13 | |
| Bigtooth Aspen | 15 | Log/Pole | 10 | |

| Sub-Canopy Species | Density | Avg. Height | Size |
|------------------------------|---------|--------------|------------|
| Red Maple | Medium | Variable | Sapling |
| Cherry (spp.) | Low | < 5 feet | Sapling |
| Huckleberry | Low | < 5 feet | Tall Shrub |
| White Pine | High | Variable | Sapling |
| Blueberry/Bilberry/Cranberry | Medium | < 5 feet | Tall Shrub |
| Serviceberry (Juneberry) | Low | 10 - 20 feet | Tall Shrub |
| Black/Red (Hybrid) Oak | Low | 5 - 10 feet | Sapling |

40 500 - Water Nonstocked 6.4 Unspecified No Pond possibly associated with sinkholes nearby.

| Sub-Canopy Species | Density | Avg. Height | Size |
|----------------------|---------|-------------|------------|
| Alder | Low | 5 - 10 feet | Tall Shrub |
| Mixed Sedges/Grasses | Low | Unspecified | Non-Wood |

41 42111 - Planted Red Pine, Mixed Deciduous Poletimber Well 21.5 34 51-80 N/A

| Canopy Species | % Cover | Size Class | DBH | Age |
|------------------------|---------|--------------|-----|-----|
| Black/Red (Hybrid) Oak | 13 | Pole/Sapling | 5 | |
| Red Pine | 68 | Pole/Sapling | 6 | 34 |
| Jack Pine | 2 | Pole | 6 | |
| Red Maple | 5 | Sapling | 3 | |
| Black Cherry | 2 | Sapling | 4 | |
| Quaking Aspen | 7 | Pole/Sapling | 5 | |
| Bigtooth Aspen | 3 | Pole/Sapling | 5 | |

| Sub-Canopy Species | Density | Avg. Height | Size |
|--------------------|---------|-------------|------------|
| Wintergreen | Medium | < 5 feet | Tall Shrub |

42 4131 - Aspen, Oak Sawtimber Well 45.5 70 81-110 N/A Generally an even mix of aspen and oak in south.

| Canopy Species | % Cover | Size Class | DBH | Age |
|------------------------|---------|------------|-----|-----|
| Black/Red (Hybrid) Oak | 40 | Log/Pole | 12 | 110 |
| Quaking Aspen | 5 | Pole | 8 | |
| White Pine | 2 | Log/Pole | 10 | |
| Red Pine | 3 | Log/Pole | 13 | |
| Bigtooth Aspen | 37 | Log/Pole | 10 | 70 |
| Red Maple | 13 | Pole | 7 | |

| Sub-Canopy Species | Density | Avg. Height | Size |
|------------------------------|---------|--------------|------------|
| Honeysuckle (spp.) | Low | 5 - 10 feet | Tall Shrub |
| Red Maple | Full | < 5 feet | Seeding |
| Blueberry/Bilberry/Cranberry | Medium | < 5 feet | Tall Shrub |
| White Pine | Low | Variable | Sapling |
| Cherry (spp.) | Trace | 10 - 20 feet | Tall Shrub |
| Hawthorn (spp.) | Trace | 5 - 10 feet | Tall Shrub |
| Wintergreen | High | < 5 feet | Tall Shrub |
| Serviceberry (Juneberry) | Low | 10 - 20 feet | Tall Shrub |
| Black/Red (Hybrid) Oak | Low | Variable | Sapling |
| Beech | Trace | 5 - 10 feet | Sapling |



| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--------------------------|-----------------|------------|------------|----------|--------------|---|----|--------------|----|----|-----------|----|--------------|----|--|----------------|----|--------------|---|----|------------------------|----|--------------|---|----|---|----|--------------------|---------|-------------|--------------------------|------------|--------------|----------|------------|--------------------|--------|--------------|------------|----------|--|-------------|--------------------|-----------------|-------------|--|-------------|--------------------------|----------|--------------|--|--------------------------|--------------------|--------------|-------------|-----------|------------------------------|----------|------------|----------------|--------------|----------|------------------|------------|--------------|----------|----------|------------------|-----------------|--------------|-------------|----------|-------------|-----|----------|------------|--------------------|--------|-------------|----------|
| 43 | 4130 - Aspen | Sapling Well | 34.3 | 14 | Immature | N/A | A patch of oak was left in the southwest. Beaver damage extends from the pond and swamp in the northeast. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <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>50</td> <td>Sapling</td> <td>2</td> <td>14</td> </tr> <tr> <td>Red Maple</td> <td>15</td> <td>Sapling/Pole</td> <td>3</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>20</td> <td>Sapling</td> <td>3</td> <td>14</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>15</td> <td>Pole/Log</td> <td>9</td> <td></td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | Quaking Aspen | 50 | Sapling | 2 | 14 | Red Maple | 15 | Sapling/Pole | 3 | | Bigtooth Aspen | 20 | Sapling | 3 | 14 | Black/Red (Hybrid) Oak | 15 | Pole/Log | 9 | | <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>Sweet Fern</td> <td>Low</td> <td>< 5 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Honeysuckle (spp.)</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Red Pine</td> <td>Trace</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Hawthorn (spp.)</td> <td>Trace</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Serviceberry (Juneberry)</td> <td>Trace</td> <td>10 - 20 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Sweet Fern | Low | < 5 feet | Tall Shrub | Honeysuckle (spp.) | Medium | 5 - 10 feet | Tall Shrub | Red Pine | Trace | 5 - 10 feet | Sapling | Hawthorn (spp.) | Trace | 5 - 10 feet | Tall Shrub | Serviceberry (Juneberry) | Trace | 10 - 20 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 50 | Sapling | 2 | 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 15 | Sapling/Pole | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bigtooth Aspen | 20 | Sapling | 3 | 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black/Red (Hybrid) Oak | 15 | Pole/Log | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sweet Fern | Low | < 5 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Honeysuckle (spp.) | Medium | 5 - 10 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | Trace | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hawthorn (spp.) | Trace | 5 - 10 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Serviceberry (Juneberry) | Trace | 10 - 20 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 44 | 4131 - Aspen, Oak | Sapling Medium | 7.6 | 5 | Immature | N/A | The southeast is poor to low stocking, mostly in jack pine and cherry. Oak seems to have largely escaped browse this dormant season which may increase the future proportion of free to grow oak. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Northern Pin Oak | 25 | Sapling | 1 | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jack Pine | 10 | Sapling | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 3 | Sapling | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | 2 | Sapling | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 10 | Sapling | 1 | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Serviceberry (Juneberry) | 5 | Sapling | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | 10 | Sapling | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bigtooth Aspen | 30 | Sapling | 1 | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 5 | Sapling | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Blueberry/Bilberry/Cranberry | High | < 5 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Big Bluestem | Trace | Unspecified | Non-Wood | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jack Pine | Low | < 5 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Little Bluestem | Trace | Unspecified | Non-Wood | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Willow spp. | Low | < 5 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pennsylvania Sedge | Medium | Unspecified | Non-Wood | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 45 | 4133 - Aspen, Mixed Pine | Poletimber Well | 61.4 | 41 | 51-80 | N/A | While some of the stand margins look as if they were cut about 24 years ago, the interior reflects the roughly 40 year old cut record. Honeysuckle is present in the northeast abutting the wetland and jack pine. Patches of pine, aspen and open ground intermix in the west. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jack Pine | 13 | Sapling/Pole | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | 5 | Sapling/Pole | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 5 | Pole/Sapling | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bigtooth Aspen | 45 | Pole/Sapling | 5 | 41 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 20 | Pole/Sapling | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black/Red (Hybrid) Oak | 10 | Pole/Sapling | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Oak | 2 | Pole/Sapling | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wintergreen | High | < 5 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Serviceberry (Juneberry) | Low | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Oak | Low | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | Low | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Northern Pin Oak | Low | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 46 | 4310 - Pine, Oak Mix | Poletimber Well | 7.7 | 67 | 51-80 | N/A | The stand seems to be a mix of ages. Aspen looks about 30 in some places and about 60 years old in others. Jack pine has senesced from the center of the stand releasing northern pin oak, red maple, white pine and cherry. The oldest pine and oak are about 100 years old. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jack Pine | 13 | Log/Pole | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | 17 | Log/Pole | 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | 2 | Pole | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 25 | Pole/Log | 8 | 67 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bigtooth Aspen | 2 | Log/Pole | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Northern Pin Oak | 23 | Log/Pole | 11 | 102 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 13 | Pole/Sapling | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 5 | Pole/Sapling | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Serviceberry (Juneberry) | Low | 10 - 20 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Oak | Trace | >20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bigtooth Aspen | Medium | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | Medium | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Northern Pin Oak | Low | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



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

47 4125 - Black, N. Pin Oak Poletimber Well 3.8 93 51-80 N/A

Probably about the same age as the older trees in the stand to the west (52 MD9), however it's almost pure scrub oak whereas the other stand is a mix of species pockets generally growing on a better site.

| Canopy Species | % Cover | Size Class | DBH | Age | Sub-Canopy Species | Density | Avg. Height | Size |
|------------------|---------|------------|-----|-----|------------------------------|---------|--------------|------------|
| Red Pine | 2 | Pole | 7 | | Jack Pine | Low | 10 - 20 feet | Sapling |
| Northern Pin Oak | 73 | Pole/Log | 8 | 93 | White Pine | Low | 5 - 10 feet | Sapling |
| Jack Pine | 13 | Pole | 7 | | Blueberry/Bilberry/Cranberry | High | < 5 feet | Tall Shrub |
| White Pine | 2 | Log | 10 | | White Oak | Low | 10 - 20 feet | Sapling |
| Choke Cherry | 3 | Sapling | 4 | | Northern Pin Oak | Medium | 10 - 20 feet | Sapling |
| Black Spruce | 1 | Pole | 6 | | | | | |
| Bigtooth Aspen | 2 | Pole | 6 | | | | | |
| Red Maple | 1 | Sapling | 3 | | | | | |
| White Oak | 3 | Pole/Log | 9 | | | | | |

48 622 - Lowland Shrub Nonstocked 2.5 Unspecified No

May be associated with the apparent sinkhole on private land to the east.

| Sub-Canopy Species | Density | Avg. Height | Size |
|----------------------|---------|-------------|------------|
| Leatherleaf | High | < 5 feet | Tall Shrub |
| Mixed Sedges/Grasses | High | Unspecified | Non-Wood |
| Jack Pine | Low | >20 feet | Sapling |
| Sphagnum Moss | High | Unspecified | Non-Wood |

49 6112 - Lowland Aspen Poletimber Medium 7.1 72 51-80 N/A

This stand appears to have been left as a buffer along Long Lake and between recent timber sales. Evidence of recent beaver activity. The stand appears to be more or less a drainage between uplands.

| Canopy Species | % Cover | Size Class | DBH | Age | Sub-Canopy Species | Density | Avg. Height | Size |
|----------------|---------|--------------|-----|-----|------------------------------|---------|--------------|------------|
| White Pine | 5 | Pole/Sapling | 5 | | Gray Dogwood | Low | 5 - 10 feet | Tall Shrub |
| Jack Pine | 15 | Log/Pole | 10 | 66 | Mixed Sedges/Grasses | Medium | Unspecified | Non-Wood |
| Red Maple | 5 | Pole | 6 | | White Pine | Low | Variable | Sapling |
| Bigtooth Aspen | 5 | Pole/Log/Sap | 8 | | Meadowsweet | Trace | < 5 feet | Tall Shrub |
| Quaking Aspen | 50 | Pole/Log/Sap | 9 | 72 | Tag Alder | Medium | Variable | Tall Shrub |
| Balsam Fir | 10 | Pole | 6 | | Leatherleaf | Low | < 5 feet | Tall Shrub |
| Black Spruce | 5 | Log | 10 | | Black Cherry | Low | >20 feet | Sapling |
| Red Pine | 5 | Log | 12 | | Hawthorn (spp.) | Trace | 5 - 10 feet | Tall Shrub |
| | | | | | Beech | Trace | 5 - 10 feet | Sapling |
| | | | | | Blueberry/Bilberry/Cranberry | Medium | < 5 feet | Tall Shrub |
| | | | | | Wintergreen | High | < 5 feet | Tall Shrub |
| | | | | | Red Maple | Medium | >20 feet | Sapling |
| | | | | | Serviceberry (Juneberry) | Trace | 10 - 20 feet | Tall Shrub |



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

50 4125 - Black, N. Pin Oak Sapling Medium 1.9 26 1-50 N/A

| Canopy Species | % Cover | Size Class | DBH | Age |
|--------------------------|---------|--------------|-----|-----|
| Jack Pine | 10 | Sapling/Pole | 4 | |
| Serviceberry (Juneberry) | 3 | Sapling | 1 | |
| White Pine | 7 | Sapling/Pole | 4 | |
| Northern Pin Oak | 63 | Sapling/Pole | 4 | 26 |
| Quaking Aspen | 15 | Sapling/Pole | 3 | 26 |
| Choke Cherry | 2 | Sapling | 2 | |

51 4131 - Aspen, Oak Poletimber Well 13.0 60 81-110 N/A

| Canopy Species | % Cover | Size Class | DBH | Age | Sub-Canopy Species | Density | Avg. Height | Size |
|------------------------|---------|------------|-----|-----|--------------------------|---------|--------------|------------|
| White Pine | 5 | Log/Pole | 10 | | White Pine | Medium | 5 - 10 feet | Sapling |
| Red Pine | 2 | Log | 14 | | Michigan Holly | Low | 5 - 10 feet | Tall Shrub |
| Quaking Aspen | 30 | Pole/Log | 8 | 60 | Beech | Trace | 10 - 20 feet | Sapling |
| Paper Birch | 2 | Pole | 8 | | Mixed Sedges/Grasses | Low | Unspecified | Non-Wood |
| Red Maple | 20 | Pole/Log | 8 | | Serviceberry (Juneberry) | Low | 5 - 10 feet | Tall Shrub |
| Bigtooth Aspen | 10 | Pole/Log | 8 | 59 | Leatherleaf | Low | < 5 feet | Tall Shrub |
| Black/Red (Hybrid) Oak | 29 | Log/Pole | 11 | | Red Maple | Low | < 5 feet | Sapling |
| White Oak | 2 | Log | 14 | | Tag Alder | Low | 5 - 10 feet | Tall Shrub |

Beavers have backed up channels in the middle of the stand. Previous inventory notes say this stand was left as a wetland and pond buffer.

52 4191 - Mixed Upland Deciduous with Conifer Sawtimber Well 18.6 93 51-80 N/A

| Canopy Species | % Cover | Size Class | DBH | Age | Sub-Canopy Species | Density | Avg. Height | Size |
|------------------------|---------|------------|-----|-----|--------------------------|---------|--------------|------------|
| Quaking Aspen | 7 | Log/Pole | 12 | | White Oak | Low | 10 - 20 feet | Sapling |
| Black/Red (Hybrid) Oak | 5 | Log | 15 | | White Pine | Low | Variable | Sapling |
| Bigtooth Aspen | 20 | Log | 13 | 58 | Northern Pin Oak | Medium | Variable | Sapling |
| Northern Pin Oak | 41 | Log/Pole | 11 | 93 | Red Pine | Low | < 5 feet | Sapling |
| White Pine | 5 | Pole/Log | 8 | | Wintergreen | High | < 5 feet | Tall Shrub |
| Red Pine | 5 | Log/Pole | 13 | | Cherry (spp.) | Low | 5 - 10 feet | Sapling |
| Jack Pine | 10 | Pole | 7 | | Red Maple | Low | >20 feet | Sapling |
| White Oak | 5 | Log/Pole | 11 | | Serviceberry (Juneberry) | Medium | 10 - 20 feet | Tall Shrub |
| Balsam Fir | 2 | Pole | 6 | | | | | |

A mixed and very patchy stand. There are a couple good bigtooth aspen clones.

53 6121 - Tamarack Sapling Well 5.1 60 1-50 N/A

| Canopy Species | % Cover | Size Class | DBH | Age | Sub-Canopy Species | Density | Avg. Height | Size |
|----------------|---------|--------------|-----|-----|----------------------|---------|-------------|------------|
| Black Spruce | 10 | Sapling | 3 | | Tag Alder | Full | Variable | Tall Shrub |
| Tamarack | 85 | Sapling/Pole | 4 | 60 | Mixed Sedges/Grasses | Low | Unspecified | Non-Wood |
| Balsam Fir | 5 | Sapling | 2 | | Sphagnum Moss | Medium | Unspecified | Non-Wood |
| | | | | | Leatherleaf | Low | < 5 feet | Tall Shrub |

Contiguous with Loon Lake muskeg ERA. There's a good deal of standing water. This stand is basically non-productive.



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

54 42121 - Planted Jack Pine, Mixed Deciduous Sapling Well 19.9 34 1-50 N/A

| Canopy Species | % Cover | Size Class | DBH | Age |
|------------------|---------|--------------|-----|-----|
| Jack Pine | 70 | Sapling/Pole | 4 | 34 |
| Black Cherry | 3 | Sapling | 3 | |
| White Oak | 2 | Sapling | 1 | |
| Bigtooth Aspen | 10 | Pole/Sapling | 5 | |
| White Pine | 5 | Sapling/Pole | 4 | |
| Northern Pin Oak | 10 | Pole/Sapling | 6 | |

55 500 - Water Nonstocked 0.6 Immature No Sinkhole.

| Sub-Canopy Species | Density | Avg. Height | Size |
|--------------------------|---------|--------------|------------|
| Mixed Sedges/Grasses | Medium | Unspecified | Non-Wood |
| Quaking Aspen | Low | >20 feet | Pole |
| Northern Pin Oak | Low | >20 feet | Sapling |
| White Pine | Low | >20 feet | Sapling |
| Serviceberry (Juneberry) | Low | 10 - 20 feet | Tall Shrub |

56 4131 - Aspen, Oak Poletimber Well 5.1 38 1-50 N/A

Little of the stand is operable because of site conditions for Long Lake, a sinkhole, and slope concerns leading to the wetland.

| Canopy Species | % Cover | Size Class | DBH | Age | Sub-Canopy Species | Density | Avg. Height | Size |
|------------------|---------|--------------|-----|-----|--------------------------|---------|--------------|------------|
| Quaking Aspen | 20 | Pole/Sapling | 5 | | Serviceberry (Juneberry) | Medium | 10 - 20 feet | Tall Shrub |
| Red Pine | 2 | Pole/Sapling | 7 | | Hawthorn (spp.) | Trace | 5 - 10 feet | Tall Shrub |
| Bigtooth Aspen | 45 | Pole/Sapling | 6 | 38 | Wintergreen | High | < 5 feet | Tall Shrub |
| White Pine | 8 | Pole/Log | 8 | | Northern Pin Oak | Low | 10 - 20 feet | Sapling |
| Red Maple | 5 | Sapling | 3 | | Cherry (spp.) | Low | 10 - 20 feet | Tall Shrub |
| Northern Pin Oak | 20 | Pole/Sapling | 5 | | White Pine | Low | < 5 feet | Sapling |

57 622 - Lowland Shrub Nonstocked 7.1 Immature No

| Sub-Canopy Species | Density | Avg. Height | Size |
|----------------------|---------|-------------|------------|
| Cattail spp. | Low | Unspecified | Non-Wood |
| Alder | High | 5 - 10 feet | Tall Shrub |
| Meadowsweet | Low | < 5 feet | Tall Shrub |
| Mixed Sedges/Grasses | High | Unspecified | Non-Wood |



| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments | | |
|-----------|--------------------------|-----------------|-------------------|------------|------------|------------------------------|---|--------------------|-------------|
| 59 | 4130 - Aspen | Poletimber Well | 12.0 | 38 | 51-80 | N/A | Beavers cleared about 50 feet of Aspen next to the wetland. | | |
| | Canopy Species | % Cover | Size Class | DBH | Age | Sub-Canopy Species | Density | Avg. Height | Size |
| | Red Pine | 3 | Log/Pole | 10 | | Alder | Trace | 5 - 10 feet | Tall Shrub |
| | Quaking Aspen | 15 | Pole/Sapling | 6 | | Hawthorn (spp.) | Low | 5 - 10 feet | Tall Shrub |
| | Black/Red (Hybrid) Oak | 2 | Pole/Sapling | 7 | | Cherry (spp.) | Low | 5 - 10 feet | Tall Shrub |
| | Bigtooth Aspen | 73 | Pole/Sapling | 6 | 38 | Wintergreen | High | < 5 feet | Tall Shrub |
| | White Pine | 2 | Log/Pole | 11 | | White Pine | Low | 10 - 20 feet | Sapling |
| | Red Maple | 5 | Sapling/Pole | 3 | | Serviceberry (Juneberry) | Low | 10 - 20 feet | Tall Shrub |
| 60 | 4133 - Aspen, Mixed Pine | Sawtimber Well | 7.9 | 70 | 111-140 | N/A | This stand was left as a buffer along Long Lake when adjacent timber sales were harvested. There is a natural pine patch in the east. | | |
| | Canopy Species | % Cover | Size Class | DBH | Age | Sub-Canopy Species | Density | Avg. Height | Size |
| | Scotch Pine | 1 | Pole | 9 | | White Pine | Low | < 5 feet | Sapling |
| | Red Pine | 12 | Log/Pole | 13 | | Huckleberry | Low | < 5 feet | Tall Shrub |
| | Jack Pine | 3 | Pole/Log | 8 | | Tag Alder | Low | Variable | Tall Shrub |
| | Black Spruce | 1 | Log | 10 | | Red Maple | Medium | Variable | Sapling |
| | White Oak | 2 | Pole/Log | 9 | | Black/Red (Hybrid) Oak | Low | 10 - 20 feet | Sapling |
| | Bigtooth Aspen | 50 | Log/Pole | 11 | 70 | Serviceberry (Juneberry) | Low | 10 - 20 feet | Tall Shrub |
| | Northern Pin Oak | 3 | Log/Pole | 11 | | Wintergreen | Medium | < 5 feet | Tall Shrub |
| | Balsam Fir | 1 | Pole | 6 | | | | | |
| | Black/Red (Hybrid) Oak | 3 | Log | 13 | | | | | |
| | Quaking Aspen | 3 | Log/Pole | 10 | | | | | |
| | Red Maple | 8 | Pole/Log | 8 | | | | | |
| | White Pine | 12 | Log/Pole | 13 | 85 | | | | |
| | Paper Birch | 1 | Pole | 8 | | | | | |
| 61 | 4130 - Aspen | Sapling Well | 10.2 | 26 | 1-50 | N/A | | | |
| | Canopy Species | % Cover | Size Class | DBH | Age | Sub-Canopy Species | Density | Avg. Height | Size |
| | White Oak | 2 | Pole/Sapling | 6 | | Sweet Fern | Low | < 5 feet | Tall Shrub |
| | Black Cherry | 2 | Sapling/Pole | 4 | | Blueberry/Bilberry/Cranberry | Medium | < 5 feet | Tall Shrub |
| | Red Maple | 5 | Sapling | 2 | | Serviceberry (Juneberry) | Low | 10 - 20 feet | Tall Shrub |
| | Quaking Aspen | 56 | Sapling | 3 | 26 | Wintergreen | High | < 5 feet | Tall Shrub |
| | Bigtooth Aspen | 15 | Sapling/Pole | 4 | 26 | | | | |
| | Northern Pin Oak | 5 | Sapling/Pole | 3 | | | | | |
| | White Pine | 10 | Pole | 6 | | | | | |
| | Black/Red (Hybrid) Oak | 5 | Sapling/Pole | 4 | | | | | |
| 62 | 500 - Water | Nonstocked | 16.0 | | | No | Long Lake | | |



| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments | | | | | | | | |
|-------------|----------------------------|----------------|------------|---------------------------|---------------------------|--------------------|--|--|-------------------|------------|------------|---------------------------|----------------|--------------------|-------------|
| 63 | 310 - Herbaceous Openland | Nonstocked | 1.6 | | | | | | | | | | | | |
| | | | | Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | |
| | | | | Black Cherry | Low | 10 - 20 feet | Tall Shrub | | | | | | | | |
| | | | | Quaking Aspen | Low | Variable | Sapling | | | | | | | | |
| | | | | Mixed Sedges/Grasses | Full | Unspecified | Non-Wood | | | | | | | | |
| 64 | 622 - Lowland Shrub | Nonstocked | 11.2 | Immature | No | | Narrow areas mostly contain alder, while wide spots are mostly mixed sedges. | | | | | | | | |
| | | | | | Sub-Canopy Species | Density | | Avg. Height | Size | | | | | | |
| | | | | | Alder | Medium | | 5 - 10 feet | Tall Shrub | | | | | | |
| | | | | | Leatherleaf | Medium | | < 5 feet | Tall Shrub | | | | | | |
| | | | | | Willow spp. | Medium | | 5 - 10 feet | Tall Shrub | | | | | | |
| | | | | | Mixed Sedges/Grasses | Medium | | Unspecified | Non-Wood | | | | | | |
| White Pine | Low | >20 feet | Sapling | | | | | | | | | | | | |
| Meadowsweet | Low | < 5 feet | Tall Shrub | | | | | | | | | | | | |
| 65 | 4319 - Mixed Upland Forest | Sawtimber Well | 1.2 | 60 | 81-110 | N/A | | | | | | | | | |
| 66 | 500 - Water | Nonstocked | 5.0 | Unspecified | | No | Open water with emergent fringe. | | | | | | | | |
| | | | | Sub-Canopy Species | Density | Avg. Height | | Size | | | | | | | |
| | | | | Leatherleaf | Low | < 5 feet | | Tall Shrub | | | | | | | |
| | | | | Mixed Sedges/Grasses | Low | Unspecified | | Non-Wood | | | | | | | |
| 67 | 4133 - Aspen, Mixed Pine | Sawtimber Well | 9.4 | 63 | 51-80 | | N/A | The aspen look like they're declining. The stand is brushy and patchy with some rare alder in the west. New stand added. | | | | | | | |
| | | | | | Canopy Species | % Cover | | | Size Class | DBH | Age | Sub-Canopy Species | Density | Avg. Height | Size |
| | | | | | White Spruce | 1 | | | Log | 14 | | White Pine | Medium | 10 - 20 feet | Sapling |
| | | | | | Balsam Fir | 2 | | | Pole | 6 | | Alder | Low | 5 - 10 feet | Tall Shrub |
| | | | | | Jack Pine | 10 | | | Pole | 8 | | Jack Pine | Low | < 5 feet | Sapling |
| | | | | | Bigtooth Aspen | 15 | | | Log/Pole | 11 | 63 | Gray Dogwood | Low | 5 - 10 feet | Tall Shrub |
| | | | | | Red Pine | 2 | | | Log/Pole | 13 | | Cherry (spp.) | Low | Variable | Sapling |
| | | | | | White Pine | 10 | | | Pole/Log | 9 | | Northern Pin Oak | Low | 10 - 20 feet | Sapling |
| | | | | | Black/Red (Hybrid) Oak | 5 | | | Log/Pole | 11 | 87 | Red Maple | Medium | 10 - 20 feet | Sapling |
| | | | | | Northern Pin Oak | 5 | | | Log | 12 | | Serviceberry (Juneberry) | Medium | 10 - 20 feet | Tall Shrub |
| | | | | | Quaking Aspen | 45 | | | Log/Pole | 10 | 63 | Hawthorn (spp.) | Medium | 5 - 10 feet | Tall Shrub |
| | | | | | Red Maple | 5 | | | Pole/Log | 8 | | White Oak | Trace | 10 - 20 feet | Sapling |



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

68 6121 - Tamarack Poletimber Well 6.4 114 51-80 N/A Too wet. The east third is non-productive.

| Canopy Species | % Cover | Size Class | DBH | Age | Sub-Canopy Species | Density | Avg. Height | Size |
|----------------|---------|------------|-----|-----|------------------------------|---------|-------------|------------|
| Red Maple | 5 | Pole | 7 | | Leatherleaf | Medium | < 5 feet | Tall Shrub |
| Paper Birch | 3 | Pole | 6 | | Tag Alder | High | < 5 feet | Tall Shrub |
| Tamarack | 90 | Pole | 7 | 114 | Sphagnum Moss | High | Unspecified | Non-Wood |
| Balsam Fir | 2 | Pole | 6 | | White Pine | Low | Variable | Sapling |
| | | | | | Blueberry/Bilberry/Cranberry | Low | < 5 feet | Tall Shrub |
| | | | | | Red Maple | Low | >20 feet | Sapling |
| | | | | | Black Spruce | Trace | Variable | Sapling |

69 4130 - Aspen Sapling Well 15.6 15 Immature N/A

| Canopy Species | % Cover | Size Class | DBH | Age | Sub-Canopy Species | Density | Avg. Height | Size |
|------------------------|---------|------------|-----|-----|--------------------|---------|-------------|------------|
| White Pine | 5 | Log/Pole | 10 | | Witch Hazel | Low | < 5 feet | Tall Shrub |
| Red Maple | 5 | Sapling | 2 | | Hazelnut (Beaked) | Low | 5 - 10 feet | Tall Shrub |
| White Oak | 1 | Sapling | 2 | | | | | |
| Red Pine | 2 | Sapling | 1 | | | | | |
| Black Cherry | 2 | Sapling | 2 | | | | | |
| Bigtooth Aspen | 55 | Sapling | 2 | 15 | | | | |
| Black/Red (Hybrid) Oak | 15 | Log | 12 | 89 | | | | |
| Quaking Aspen | 15 | Sapling | 2 | 15 | | | | |

70 4130 - Aspen Sapling Well 14.4 6 Immature N/A Hybrid oak and aspen leave trees remain under 10BA. The north 3-5 acres shows a composition shift to red maple and oak and poorer stocking.

| Canopy Species | % Cover | Size Class | DBH | Age | Sub-Canopy Species | Density | Avg. Height | Size |
|------------------------|---------|------------|-----|-----|----------------------|---------|-------------|------------|
| Quaking Aspen | 10 | Sapling | 1 | 6 | Blackberry/Raspberry | Low | < 5 feet | Tall Shrub |
| Northern Pin Oak | 5 | Sapling | 1 | | Mixed Sedges/Grasses | Medium | Unspecified | Non-Wood |
| Bigtooth Aspen | 55 | Sapling | 1 | 6 | | | | |
| Black Cherry | 5 | Sapling | 1 | | | | | |
| Black/Red (Hybrid) Oak | 3 | Sapling | 1 | | | | | |
| White Pine | 5 | Sapling | 2 | | | | | |
| White Oak | 2 | Sapling | 1 | | | | | |
| Red Maple | 15 | Sapling | 2 | | | | | |



| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments | | | |
|--------------------------|--------------------------|------------------|-------------------|------------|------------|------------------------------|---|----------------|--------------------|-------------|
| 71 | 4131 - Aspen, Oak | Sapling Well | 14.7 | 26 | 1-50 | N/A | This stand should be a pole stand in the next inventory. There are a few open patches with more white oak than normal. There also is invasive honeysuckle. | | | |
| Canopy Species | | % Cover | Size Class | DBH | Age | Sub-Canopy Species | | Density | Avg. Height | Size |
| Northern Pin Oak | | 5 | Sapling | 2 | | Hawthorn (spp.) | | Trace | 5 - 10 feet | Tall Shrub |
| Red Maple | | 5 | Sapling | 1 | | White Pine | | Low | < 5 feet | Seeding |
| Bigtooth Aspen | | 65 | Sapling/Pole | 3 | 26 | Red Maple | | Medium | < 5 feet | Seeding |
| White Pine | | 3 | Sapling/Pole | 4 | | | | | | |
| Serviceberry (Juneberry) | | 2 | Sapling | 1 | | | | | | |
| Black Cherry | | 5 | Sapling | 1 | | | | | | |
| White Oak | | 5 | Sapling | 1 | | | | | | |
| Black/Red (Hybrid) Oak | | 10 | Sapling | 2 | | | | | | |
| 72 | 4125 - Black, N. Pin Oak | Sawtimber Medium | 20.0 | 83 | 51-80 | N/A | Site quality improves to the south. Oak densities are highly variable from 0BA to about 100BA. | | | |
| Canopy Species | | % Cover | Size Class | DBH | Age | Sub-Canopy Species | | Density | Avg. Height | Size |
| Black/Red (Hybrid) Oak | | 96 | Log/Pole | 11 | 83 | Wintergreen | | High | < 5 feet | Tall Shrub |
| Red Maple | | 2 | Pole | 6 | | White Pine | | Trace | 10 - 20 feet | Sapling |
| White Oak | | 2 | Pole/Log | 9 | | Bigtooth Aspen | | Medium | >20 feet | Sapling |
| | | | | | | Blueberry/Bilberry/Cranberry | | Low | < 5 feet | Tall Shrub |
| | | | | | | Red Maple | | High | Variable | Sapling |
| | | | | | | Witch Hazel | | Low | 5 - 10 feet | Tall Shrub |
| | | | | | | Hazelnut (Beaked) | | Trace | 5 - 10 feet | Tall Shrub |
| | | | | | | | | | | |
| 73 | 4130 - Aspen | Poletimber Well | 61.7 | 38 | 81-110 | N/A | Site quality generally looks poorer in the south and on high spots. It's a nice stand for its age. There's more oak to the north and west and some very ice aspen leading to Long Lake. | | | |
| Canopy Species | | % Cover | Size Class | DBH | Age | Sub-Canopy Species | | Density | Avg. Height | Size |
| Quaking Aspen | | 5 | Pole/Sapling | 5 | | Serviceberry (Juneberry) | | Low | 10 - 20 feet | Tall Shrub |
| White Pine | | 2 | Pole | 8 | | White Oak | | Trace | 10 - 20 feet | Sapling |
| Red Pine | | 2 | Log | 15 | | Wintergreen | | High | < 5 feet | Tall Shrub |
| Red Maple | | 3 | Pole/Sapling | 5 | | White Pine | | Trace | 5 - 10 feet | Sapling |
| Black/Red (Hybrid) Oak | | 15 | Pole | 7 | | Witch Hazel | | Low | 5 - 10 feet | Tall Shrub |
| Bigtooth Aspen | | 73 | Pole/Sapling | 6 | 38 | Red Osier Dogwood | | Trace | 5 - 10 feet | Tall Shrub |
| | | | | | | Red Pine | | Trace | 5 - 10 feet | Sapling |
| | | | | | | Red Maple | | Medium | Variable | Sapling |
| 74 | 4130 - Aspen | Sapling Well | 35.1 | 26 | 1-50 | N/A | | | | |
| Canopy Species | | % Cover | Size Class | DBH | Age | Sub-Canopy Species | | Density | Avg. Height | Size |
| Quaking Aspen | | 15 | Sapling/Pole | 3 | 26 | Hazelnut (Beaked) | | Low | 5 - 10 feet | Tall Shrub |
| Red Maple | | 15 | Sapling | 3 | | Serviceberry (Juneberry) | | Low | 5 - 10 feet | Tall Shrub |
| Black/Red (Hybrid) Oak | | 10 | Sapling/Pole | 3 | | White Pine | | Low | Variable | Sapling |
| Bigtooth Aspen | | 52 | Sapling/Pole | 4 | 26 | Blueberry/Bilberry/Cranberry | | Low | < 5 feet | Tall Shrub |
| White Pine | | 5 | Sapling | 3 | | Witch Hazel | | Low | 5 - 10 feet | Tall Shrub |
| Paper Birch | | 2 | Sapling | 3 | | Wintergreen | | High | < 5 feet | Tall Shrub |
| Red Pine | | 1 | Sapling | 2 | | | | | | |
| | | | | | | | | | | |



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

75 622 - Lowland Shrub Nonstocked 30.1 Immature No

| Sub-Canopy Species | Density | Avg. Height | Size |
|----------------------|---------|--------------|------------|
| Tamarack | Low | 10 - 20 feet | Sapling |
| Mixed Sedges/Grasses | High | Unspecified | Non-Wood |
| Jack Pine | Low | 10 - 20 feet | Sapling |
| White Pine | Low | 5 - 10 feet | Sapling |
| Meadowsweet | Medium | < 5 feet | Tall Shrub |
| Cattail spp. | Low | Unspecified | Non-Wood |
| Alder | Low | 5 - 10 feet | Tall Shrub |
| Sphagnum Moss | High | Unspecified | Non-Wood |

76 42290 - Natural Mixed Pine Poletimber Well 34.5 75 81-110 N/A

| Canopy Species | % Cover | Size Class | DBH | Age |
|------------------|---------|---------------|-----|-----|
| Red Pine | 30 | Log/Pole | 11 | 62 |
| Red Maple | 5 | Pole | 7 | |
| Jack Pine | 38 | Pole | 8 | 75 |
| Quaking Aspen | 5 | Pole | 9 | |
| Bigtooth Aspen | 5 | Pole | 8 | |
| White Oak | 2 | Pole | 8 | |
| Northern Pin Oak | 10 | Pole | 8 | |
| White Pine | 5 | Pole/Log/XLog | 9 | |

| Sub-Canopy Species | Density | Avg. Height | Size |
|------------------------------|---------|--------------|------------|
| Red Pine | Low | 10 - 20 feet | Sapling |
| Cherry (spp.) | Low | 5 - 10 feet | Sapling |
| Blueberry/Bilberry/Cranberry | High | < 5 feet | Tall Shrub |
| Beech | Trace | 5 - 10 feet | Sapling |
| Huckleberry | Medium | < 5 feet | Tall Shrub |
| Wintergreen | Medium | < 5 feet | Tall Shrub |
| White Pine | Low | Variable | Sapling |
| Cladonia (Reindeer moss) | Low | Unspecified | Non-Wood |
| Northern Pin Oak | Medium | 10 - 20 feet | Sapling |
| White Oak | Trace | 10 - 20 feet | Sapling |

The hilltop in the south is dense with huckleberry. The slope facing the wetland in the stand's southeast is too steep and ends directly in the wetland. The clearcut in the compartment to the east (54123085) looks like a fully stocked natural mix of about 60% 1" pin oak and 40% 2" jack pine.

77 4130 - Aspen Sapling Well 15.4 15 1-50 N/A

| Canopy Species | % Cover | Size Class | DBH | Age |
|------------------------|---------|------------|-----|-----|
| Bigtooth Aspen | 80 | Sapling | 2 | 15 |
| Black/Red (Hybrid) Oak | 8 | Sapling | 2 | 15 |
| Northern Pin Oak | 2 | Sapling | 2 | 15 |
| Red Maple | 5 | Sapling | 2 | |
| Quaking Aspen | 5 | Sapling | 2 | |

| Sub-Canopy Species | Density | Avg. Height | Size |
|--------------------------|---------|--------------|------------|
| Wintergreen | High | < 5 feet | Tall Shrub |
| Serviceberry (Juneberry) | Low | 10 - 20 feet | Tall Shrub |

Perhaps about 10BA of log size northern pin and hybrid oak at 86 years old.



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

78 4191 - Mixed Upland Deciduous with Conifer Sawtimber Medium 6.7 60 1-50 N/A Portions look maintained as by vehicles running over the area repeatedly or browse.

| Canopy Species | % Cover | Size Class | DBH | Age |
|------------------------|---------|------------|-----|-----|
| Quaking Aspen | 25 | Log/Pole | 10 | 60 |
| Northern Pin Oak | 15 | Log/Pole | 10 | |
| Red Pine | 15 | Log/Pole | 11 | |
| Jack Pine | 15 | Pole | 8 | |
| White Pine | 5 | Log | 12 | |
| White Oak | 5 | Log/Pole | 10 | |
| Black/Red (Hybrid) Oak | 10 | Log | 13 | 75 |
| Red Maple | 5 | Pole | 7 | |
| Bigtooth Aspen | 5 | Log | 12 | |

| Sub-Canopy Species | Density | Avg. Height | Size |
|------------------------------|---------|--------------|------------|
| Sweet Fern | Medium | < 5 feet | Tall Shrub |
| Black Cherry | Trace | 10 - 20 feet | Sapling |
| Serviceberry (Juneberry) | Low | 10 - 20 feet | Tall Shrub |
| Red Maple | Medium | >20 feet | Sapling |
| Jack Pine | Low | Variable | Sapling |
| White Pine | Low | Variable | Sapling |
| Northern Pin Oak | Medium | 10 - 20 feet | Sapling |
| Blueberry/Bilberry/Cranberry | Medium | < 5 feet | Tall Shrub |
| Mixed Sedges/Grasses | Medium | Unspecified | Non-Wood |

Considerable elk sign in north. Aspen are low to medium quality, with a few different ages. 40, 60, and 80 years old by the looks of it.

79 310 - Herbaceous Openland Nonstocked 3.2 Immature No

| Sub-Canopy Species | Density | Avg. Height | Size |
|----------------------|---------|--------------|------------|
| Jack Pine | Trace | 10 - 20 feet | Sapling |
| Big Bluestem | Low | Unspecified | Non-Wood |
| Sweet Fern | Medium | < 5 feet | Tall Shrub |
| Cherry (spp.) | Low | 10 - 20 feet | Tall Shrub |
| Red Pine | Trace | 5 - 10 feet | Sapling |
| Northern Pin Oak | Low | 10 - 20 feet | Sapling |
| White Pine | Trace | >20 feet | Sapling |
| Mixed Sedges/Grasses | Full | Unspecified | Non-Wood |
| Bigtooth Aspen | Low | >20 feet | Sapling |

80 310 - Herbaceous Openland Nonstocked 1.3 0 Immature No Some non-native honeysuckle at the far western end.

| Sub-Canopy Species | Density | Avg. Height | Size |
|----------------------|---------|-------------|------------|
| Jack Pine | Low | < 5 feet | Seeding |
| Little Bluestem | Low | Unspecified | Non-Wood |
| Willow spp. | Trace | < 5 feet | Tall Shrub |
| Big Bluestem | Low | Unspecified | Non-Wood |
| Black Cherry | Low | Variable | Tall Shrub |
| Mixed Sedges/Grasses | High | Unspecified | Non-Wood |
| Sweet Fern | Medium | < 5 feet | Tall Shrub |
| Amur Honeysuckle | Trace | 5 - 10 feet | Tall Shrub |



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

81 4191 - Mixed Upland Deciduous with Conifer Sapling Medium 9.4 14 Immature N/A

The same kind of site probably extended northward from here to the current pine plantation and the mixed deciduous adjacent to private property. See stand 10 for notes. The understory is dense with invasive honeysuckle around the old landing in the south. Stumps look like the previous stand contained more red and jack pine than present.

| Canopy Species | % Cover | Size Class | DBH | Age | Sub-Canopy Species | Density | Avg. Height | Size |
|------------------|---------|--------------|-----|-----|------------------------------|---------|-------------|------------|
| Quaking Aspen | 5 | Sapling | 2 | 14 | Sweet Fern | Low | < 5 feet | Tall Shrub |
| Choke Cherry | 5 | Sapling | 2 | | Honeysuckle (spp.) | Low | 5 - 10 feet | Tall Shrub |
| Northern Pin Oak | 50 | Sapling/Pole | 3 | 14 | Blueberry/Bilberry/Cranberry | Medium | < 5 feet | Tall Shrub |
| Red Pine | 5 | Pole/Sapling | 5 | | Hawthorn (spp.) | Trace | 5 - 10 feet | Tall Shrub |
| Red Maple | 10 | Sapling/Pole | 4 | | Pennsylvania Sedge | Medium | 5 - 10 feet | Non-Wood |
| Balsam Fir | 2 | Sapling/Pole | 4 | | Serviceberry (Juneberry) | Low | 5 - 10 feet | Tall Shrub |
| Jack Pine | 15 | Sapling | 2 | | | | | |

82 4311 - Pine, Aspen Mix Poletimber Medium 11.2 67 1-50 N/A

| Canopy Species | % Cover | Size Class | DBH | Age | Sub-Canopy Species | Density | Avg. Height | Size |
|------------------|---------|--------------|-----|-----|--------------------------|---------|--------------|------------|
| Northern Pin Oak | 10 | Pole | 6 | | Mixed Sedges/Grasses | Low | Unspecified | Non-Wood |
| Balsam Fir | 2 | Pole | 7 | | Honeysuckle (spp.) | Low | 5 - 10 feet | Tall Shrub |
| Quaking Aspen | 30 | Log/Pole | 12 | | Serviceberry (Juneberry) | Low | 10 - 20 feet | Tall Shrub |
| Black Cherry | 13 | Sapling/Pole | 4 | | White Pine | Low | 10 - 20 feet | Sapling |
| Jack Pine | 30 | Pole | 9 | 67 | Sweet Fern | Low | < 5 feet | Tall Shrub |
| Red Maple | 5 | Sapling/Pole | 4 | | Hawthorn (spp.) | Low | 5 - 10 feet | Tall Shrub |
| White Pine | 10 | Pole | 7 | | | | | |

89 4199 - Other Mixed Upland Deciduous Sapling Well 37.0 28 1-50 N/A

Should be a pole stand in the next inventory cycle.

| Canopy Species | % Cover | Size Class | DBH | Age | Sub-Canopy Species | Density | Avg. Height | Size |
|--------------------------|---------|--------------|-----|-----|------------------------------|---------|-------------|------------|
| Quaking Aspen | 3 | Sapling/Pole | 4 | | Northern Pin Oak | Low | 5 - 10 feet | Sapling |
| Northern Pin Oak | 18 | Sapling/Pole | 4 | 28 | Red Maple | Medium | < 5 feet | Sapling |
| Red Maple | 13 | Sapling | 3 | | Blueberry/Bilberry/Cranberry | Medium | < 5 feet | Tall Shrub |
| Serviceberry (Juneberry) | 2 | Sapling | 1 | | Witch Hazel | Trace | 5 - 10 feet | Tall Shrub |
| White Pine | 8 | Sapling/Pole | 4 | | Hawthorn (spp.) | Trace | 5 - 10 feet | Tall Shrub |
| White Oak | 3 | Sapling/Pole | 4 | | | | | |
| Red Pine | 2 | Sapling | 1 | | | | | |
| Paper Birch | 2 | Sapling/Pole | 4 | | | | | |
| Jack Pine | 2 | Sapling/Pole | 4 | | | | | |
| Bigtooth Aspen | 13 | Sapling/Pole | 4 | | | | | |
| Black/Red (Hybrid) Oak | 34 | Sapling/Pole | 4 | 28 | | | | |

90 622 - Lowland Shrub Nonstocked 1.4 Immature No

| Sub-Canopy Species | Density | Avg. Height | Size |
|----------------------|---------|-------------|------------|
| Meadowsweet | Low | < 5 feet | Tall Shrub |
| Willow spp. | High | 5 - 10 feet | Tall Shrub |
| Mixed Sedges/Grasses | Medium | Unspecified | Non-Wood |



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

92 4133 - Aspen, Mixed Pine Sawtimber Well 7.1 57 111-140 N/A Fairly dense, mostly aspen area separated from the prior stand.

| Canopy Species | % Cover | Size Class | DBH | Age | Sub-Canopy Species | Density | Avg. Height | Size |
|------------------|---------|------------|-----|-----|------------------------------|---------|--------------|------------|
| White Pine | 2 | Pole | 6 | | Wintergreen | Medium | < 5 feet | Tall Shrub |
| Bigtooth Aspen | 73 | Log/Pole | 10 | 57 | Red Pine | Low | Variable | Sapling |
| Jack Pine | 5 | Pole | 8 | 59 | Serviceberry (Juneberry) | Low | 10 - 20 feet | Sapling |
| Red Pine | 15 | Log/Pole | 10 | 54 | Cherry (spp.) | Low | 5 - 10 feet | Sapling |
| Northern Pin Oak | 5 | Pole | 9 | | White Pine | Low | Variable | Sapling |
| | | | | | Blueberry/Bilberry/Cranberry | High | < 5 feet | Tall Shrub |
| | | | | | Northern Pin Oak | Low | 10 - 20 feet | Sapling |

93 42290 - Natural Mixed Pine Sawtimber Well 18.9 62 81-110 N/A The stand grades into the jack pine dominated pole stand to the west. Fairly large areas of almost pure red pine. All the pine is likely natural origin. Red pine occurs in about 2 ages: 100-120 year old log and large log "seed trees" and 60 year old progeny in log and pole size classes. Sometimes these ages occur together seemingly illustrating the natural origin of the stand.

| Canopy Species | % Cover | Size Class | DBH | Age | Sub-Canopy Species | Density | Avg. Height | Size |
|------------------|---------|------------|-----|-----|------------------------------|---------|--------------|------------|
| Red Maple | 5 | Pole | 7 | | Wintergreen | Medium | < 5 feet | Tall Shrub |
| Bigtooth Aspen | 5 | Pole/Log | 8 | | Red Pine | Low | 10 - 20 feet | Sapling |
| White Oak | 2 | Log | 11 | | Huckleberry | Low | < 5 feet | Tall Shrub |
| Northern Pin Oak | 10 | Pole/Log | 8 | | Serviceberry (Juneberry) | Low | 10 - 20 feet | Tall Shrub |
| White Pine | 3 | Pole/Log | 9 | | Beech | Trace | < 5 feet | Sapling |
| Red Pine | 50 | Log/Pole | 11 | 62 | Blueberry/Bilberry/Cranberry | Medium | < 5 feet | Tall Shrub |
| Jack Pine | 25 | Pole | 7 | 59 | Cladonia (Reindeer moss) | Low | Unspecified | Non-Wood |
| | | | | | Northern Pin Oak | Low | 10 - 20 feet | Sapling |
| | | | | | White Oak | Trace | 10 - 20 feet | Sapling |
| | | | | | White Pine | Low | Variable | Sapling |
| | | | | | Cherry (spp.) | Low | 5 - 10 feet | Tall Shrub |

94 622 - Lowland Shrub Nonstocked 9.8 Immature No Tomahawk creek corridor

| Sub-Canopy Species | Density | Avg. Height | Size |
|----------------------|---------|-------------|------------|
| Jack Pine | Low | 5 - 10 feet | Sapling |
| Alder | Medium | 5 - 10 feet | Tall Shrub |
| Sphagnum Moss | Medium | Unspecified | Non-Wood |
| Willow spp. | Low | < 5 feet | Tall Shrub |
| Spiraea spp. | High | < 5 feet | Tall Shrub |
| Mixed Sedges/Grasses | High | Unspecified | Non-Wood |



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

| | | | | | | | |
|----|--|-------------------|-----|----|------|-----|--|
| 95 | 42221 - Natural Jack Pine, Mixed Deciduous | Poletimber Medium | 7.4 | 60 | 1-50 | N/A | Younger aspen is about 26 years old. Older aspen is probably the same age as many of the jack pine, about 60. Trace legacy red pine. This stand was left as a stream buffer. |
|----|--|-------------------|-----|----|------|-----|--|

| Canopy Species | % Cover | Size Class | DBH | Age | Sub-Canopy Species | Density | Avg. Height | Size |
|------------------|---------|--------------|-----|-----|------------------------------|---------|--------------|------------|
| Quaking Aspen | 10 | Sapling | 4 | 26 | Blueberry/Bilberry/Cranberry | Medium | < 5 feet | Tall Shrub |
| Northern Pin Oak | 10 | Sapling/Pole | 4 | | Northern Pin Oak | Low | 10 - 20 feet | Sapling |
| Red Pine | 5 | Log/Pole | 12 | | Beech | Trace | 5 - 10 feet | Sapling |
| White Oak | 5 | Sapling/Pole | 4 | | Wintergreen | High | < 5 feet | Tall Shrub |
| Red Maple | 5 | Sapling/Pole | 4 | | Serviceberry (Juneberry) | Low | 10 - 20 feet | Tall Shrub |
| Balsam Fir | 2 | Pole | 7 | | Mixed Sedges/Grasses | Medium | Unspecified | Non-Wood |
| Jack Pine | 63 | Pole/Log | 8 | 60 | | | | |

| | | | | | | | |
|-----|--------------|--------------|------|---|----------|-----|--|
| 100 | 4130 - Aspen | Sapling Well | 10.8 | 5 | Immature | N/A | This is a new stand split from the one to the west (32 MC2). They were a part of the same harvest completed in 2019. This area was moderate to well stocked sapling aspen where the stand to the west was a mix of jack pine and northern pin oak. Eastern portions of the two southern lobes tend to be well browsed however. |
|-----|--------------|--------------|------|---|----------|-----|--|

| Canopy Species | % Cover | Size Class | DBH | Age | Sub-Canopy Species | Density | Avg. Height | Size |
|------------------|---------|------------|-----|-----|----------------------|---------|-------------|------------|
| Northern Pin Oak | 15 | Sapling | 1 | | Red Maple | Low | < 5 feet | Sapling |
| Bigtooth Aspen | 37 | Sapling | 1 | 5 | Mixed Sedges/Grasses | High | Unspecified | Non-Wood |
| White Pine | 2 | Sapling | 1 | | Sweet Fern | Low | < 5 feet | Tall Shrub |
| Quaking Aspen | 30 | Sapling | 1 | | | | | |
| Red Pine | 1 | Sapling | 1 | | | | | |
| Jack Pine | 10 | Sapling | 1 | 5 | | | | |
| Black Cherry | 5 | Sapling | 1 | | | | | |

| | | | | | | | |
|-----|------------------------|----------------|-----|-----|--------|-----|---|
| 101 | 4311 - Pine, Aspen Mix | Sawtimber Well | 3.1 | 100 | 81-110 | N/A | Many red pine, often in dense patches, are probably at or near legacy status. |
|-----|------------------------|----------------|-----|-----|--------|-----|---|

| Canopy Species | % Cover | Size Class | DBH | Age | Sub-Canopy Species | Density | Avg. Height | Size |
|------------------|---------|---------------|-----|-----|--------------------------|---------|--------------|------------|
| Red Maple | 20 | Log/Pole | 10 | | White Pine | Low | Variable | Sapling |
| Red Pine | 41 | XLog/Log | 18 | 100 | Hazelnut (Beaked) | Medium | 5 - 10 feet | Tall Shrub |
| Northern Pin Oak | 2 | Pole | 7 | | Balsam Fir | Trace | >20 feet | Sapling |
| Quaking Aspen | 15 | Log/Pole | 12 | 75 | Serviceberry (Juneberry) | Low | 10 - 20 feet | Tall Shrub |
| Bigtooth Aspen | 5 | Pole/Log/Sap | 8 | | | | | |
| White Pine | 15 | Log/XLog/Pole | 14 | | | | | |
| White Oak | 2 | Pole | 8 | | | | | |

| | | | | | | | |
|-----|---------------------------|-----------------|-----|----|-------|-----|--|
| 102 | 42220 - Natural Jack Pine | Poletimber Well | 7.2 | 82 | 51-80 | N/A | This small stand is probably a buffer for Tomahawk Creek left from a previous harvest. |
|-----|---------------------------|-----------------|-----|----|-------|-----|--|

| Canopy Species | % Cover | Size Class | DBH | Age | Sub-Canopy Species | Density | Avg. Height | Size |
|------------------|---------|--------------|-----|-----|--------------------------|---------|--------------|------------|
| Red Pine | 5 | Log | 13 | | Northern Pin Oak | Medium | 10 - 20 feet | Sapling |
| Red Maple | 5 | Pole/Sapling | 5 | | White Pine | Medium | 10 - 20 feet | Sapling |
| Jack Pine | 70 | Pole/Log | 9 | 82 | White Oak | Trace | 10 - 20 feet | Sapling |
| Quaking Aspen | 5 | Pole/Log | 9 | | Serviceberry (Juneberry) | Low | 5 - 10 feet | Tall Shrub |
| Bigtooth Aspen | 10 | Log/Pole | 10 | | Wintergreen | High | < 5 feet | Tall Shrub |
| Northern Pin Oak | 5 | Pole | 7 | | Red Pine | Trace | < 5 feet | Seeding |
| | | | | | Huckleberry | Low | < 5 feet | Tall Shrub |



| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments |
|------------------------|--------------------------|------------------|-------------------|------------|------------|---------------------------|--|
| 109 | 4125 - Black, N. Pin Oak | Sawtimber Medium | 13.3 | 86 | 1-50 | N/A | This stand generally looks like sparse log oak canopy with sapling red maple, black cherry, and oak under the denser areas and aspen in the more open areas. Some canopy oak show die back |
| Canopy Species | | % Cover | Size Class | DBH | Age | Sub-Canopy Species | |
| Black/Red (Hybrid) Oak | | 90 | Log | 14 | 86 | Hazelnut (Beaked) | |
| Northern Pin Oak | | 8 | Pole/Log | 9 | | Black/Red (Hybrid) Oak | |
| White Oak | | 2 | Log | 10 | | Witch Hazel | |
| | | | | | | Bigtooth Aspen | |
| | | | | | | Red Pine | |
| | | | | | | Red Maple | |
| | | | | | | Black Cherry | |
| | | | | | | White Pine | |
| | | | | | | Density | |
| | | | | | | Avg. Height | |
| | | | | | | Size | |
| | | | | | | Low | |
| | | | | | | 5 - 10 feet | |
| | | | | | | Tall Shrub | |
| | | | | | | Low | |
| | | | | | | 10 - 20 feet | |
| | | | | | | Sapling | |
| | | | | | | Low | |
| | | | | | | < 5 feet | |
| | | | | | | Tall Shrub | |
| | | | | | | High | |
| | | | | | | >20 feet | |
| | | | | | | Sapling | |
| | | | | | | Trace | |
| | | | | | | 10 - 20 feet | |
| | | | | | | Sapling | |
| | | | | | | Medium | |
| | | | | | | 10 - 20 feet | |
| | | | | | | Sapling | |
| | | | | | | Low | |
| | | | | | | 10 - 20 feet | |
| | | | | | | Sapling | |
| | | | | | | Low | |
| | | | | | | 10 - 20 feet | |
| | | | | | | Sapling | |
| 111 | 4125 - Black, N. Pin Oak | Sawtimber Medium | 11.4 | 84 | 81-110 | N/A | The result of past species removal harvests. |
| Canopy Species | | % Cover | Size Class | DBH | Age | Sub-Canopy Species | |
| Black/Red (Hybrid) Oak | | 80 | Log/Pole | 12 | 84 | Red Maple | |
| Red Pine | | 2 | Log | 14 | | Northern Pin Oak | |
| White Oak | | 3 | Pole | 7 | | Wintergreen | |
| Northern Pin Oak | | 15 | Log | 12 | 84 | Serviceberry (Juneberry) | |
| | | | | | | Jack Pine | |
| | | | | | | Bigtooth Aspen | |
| | | | | | | White Pine | |
| | | | | | | Medium | |
| | | | | | | 10 - 20 feet | |
| | | | | | | Sapling | |
| | | | | | | Low | |
| | | | | | | Variable | |
| | | | | | | Sapling | |
| | | | | | | Low | |
| | | | | | | 10 - 20 feet | |
| | | | | | | Sapling | |
| | | | | | | High | |
| | | | | | | < 5 feet | |
| | | | | | | Tall Shrub | |
| | | | | | | Low | |
| | | | | | | 10 - 20 feet | |
| | | | | | | Tall Shrub | |
| | | | | | | Trace | |
| | | | | | | 10 - 20 feet | |
| | | | | | | Sapling | |
| | | | | | | Low | |
| | | | | | | >20 feet | |
| | | | | | | Sapling | |
| | | | | | | Low | |
| | | | | | | 10 - 20 feet | |
| | | | | | | Sapling | |
| 113 | 4133 - Aspen, Mixed Pine | Poletimber Well | 6.3 | 48 | 51-80 | N/A | Stand buffers creek. Beaver activity in area. |
| Canopy Species | | % Cover | Size Class | DBH | Age | Sub-Canopy Species | |
| Balsam Fir | | 2 | Pole/Sapling | 6 | | White Pine | |
| White Pine | | 5 | Log/Pole | 11 | | Hawthorn (spp.) | |
| Red Maple | | 7 | Log/Pole | 10 | | Cherry (spp.) | |
| White Spruce | | 2 | Pole | 8 | | Honeysuckle (spp.) | |
| Bigtooth Aspen | | 5 | Log/Pole | 10 | | Serviceberry (Juneberry) | |
| Northern Pin Oak | | 3 | Pole/Log | 9 | | Red Maple | |
| Black/Red (Hybrid) Oak | | 12 | Log | 16 | | Black/Red (Hybrid) Oak | |
| Red Pine | | 12 | Log | 14 | | Density | |
| Quaking Aspen | | 42 | Pole | 8 | 48 | Avg. Height | |
| Jack Pine | | 10 | Pole | 6 | | Size | |
| | | | | | | Low | |
| | | | | | | 10 - 20 feet | |
| | | | | | | Sapling | |
| | | | | | | Trace | |
| | | | | | | 5 - 10 feet | |
| | | | | | | Tall Shrub | |
| | | | | | | Low | |
| | | | | | | 10 - 20 feet | |
| | | | | | | Tall Shrub | |
| | | | | | | Low | |
| | | | | | | 5 - 10 feet | |
| | | | | | | Tall Shrub | |
| | | | | | | Low | |
| | | | | | | 10 - 20 feet | |
| | | | | | | Tall Shrub | |
| | | | | | | Low | |
| | | | | | | Variable | |
| | | | | | | Sapling | |
| | | | | | | Trace | |
| | | | | | | Variable | |
| | | | | | | Sapling | |



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

115 4191 - Mixed Upland Deciduous with Conifer Sapling Well 12.4 26 1-50 N/A A cut jack pine stump 37 years old shows rapid growth starting about 26 years ago. Honeysuckle is densest to the south along the trail.

| Canopy Species | % Cover | Size Class | DBH | Age |
|------------------------|---------|--------------|-----|-----|
| Quaking Aspen | 10 | Sapling | 3 | 26 |
| Balsam Fir | 2 | Pole | 6 | |
| Black/Red (Hybrid) Oak | 5 | Log | 11 | |
| Northern Pin Oak | 20 | Pole/Log/Sap | 9 | |
| Jack Pine | 27 | Pole/Sapling | 6 | 26 |
| Red Maple | 25 | Sapling/Pole | 3 | |
| Red Pine | 5 | Pole/Sapling | 5 | |
| White Pine | 5 | Pole/Sapling | 6 | |
| Choke Cherry | 1 | Sapling | 2 | |

| Sub-Canopy Species | Density | Avg. Height | Size |
|--------------------------|---------|--------------|------------|
| Honeysuckle (spp.) | Low | 5 - 10 feet | Tall Shrub |
| Serviceberry (Juneberry) | Trace | 10 - 20 feet | Tall Shrub |
| White Pine | Medium | 5 - 10 feet | Sapling |
| Hawthorn (spp.) | Trace | 5 - 10 feet | Tall Shrub |

116 42290 - Natural Mixed Pine Sawtimber Well 6.7 96 111-140 N/A Left over pieces of other stands. Red pine has 110, 90, and 70 year old cohorts. Jack pine has 70 and 50 year old cohorts. Best left for aesthetics along M-33.

| Canopy Species | % Cover | Size Class | DBH | Age |
|------------------|---------|---------------|-----|-----|
| Quaking Aspen | 4 | Log/Pole | 11 | |
| Northern Pin Oak | 4 | Log | 13 | 90 |
| Jack Pine | 23 | Pole | 7 | 74 |
| Bigtooth Aspen | 11 | Log/Pole | 11 | 69 |
| Balsam Fir | 1 | Pole | 8 | |
| Paper Birch | 2 | Pole | 7 | |
| Red Maple | 4 | Pole/Sapling | 6 | |
| White Pine | 16 | Log/Pole/XLog | 13 | |
| Red Pine | 35 | Log/Pole | 13 | 96 |

| Sub-Canopy Species | Density | Avg. Height | Size |
|------------------------------|---------|--------------|------------|
| Red Pine | Trace | 10 - 20 feet | Sapling |
| Honeysuckle (spp.) | Low | < 5 feet | Tall Shrub |
| Northern Pin Oak | Medium | Variable | Sapling |
| White Pine | Medium | Variable | Sapling |
| Cladonia (Reindeer moss) | Low | Unspecified | Non-Wood |
| Hawthorn (spp.) | Trace | 10 - 20 feet | Tall Shrub |
| Trailing Arbutus | Trace | < 5 feet | Tall Shrub |
| Serviceberry (Juneberry) | Low | 5 - 10 feet | Tall Shrub |
| Red Maple | Trace | 10 - 20 feet | Sapling |
| Blueberry/Bilberry/Cranberry | Medium | < 5 feet | Tall Shrub |
| Wintergreen | Medium | < 5 feet | Tall Shrub |
| Cherry (spp.) | Trace | 5 - 10 feet | Tall Shrub |
| Jack Pine | Low | 10 - 20 feet | Sapling |
| Balsam Fir | Trace | 10 - 20 feet | Sapling |
| Mixed Sedges/Grasses | Low | Unspecified | Non-Wood |



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

| | | | | | | | |
|------------|---------------------------|-------------------|------|----|--------|-----|--|
| 117 | 42220 - Natural Jack Pine | Poletimber Medium | 18.9 | 67 | 81-110 | N/A | |
|------------|---------------------------|-------------------|------|----|--------|-----|--|

Current ages for red pine and jack pine support previous inventory. Red pine in the north probably planted along with the plantation across the creek. Stand buffers creek. Beaver activity in area. Stand includes a jack pine island cut off by Tomahawk Creek on either side.

| Canopy Species | % Cover | Size Class | DBH | Age | Sub-Canopy Species | Density | Avg. Height | Size |
|------------------|---------|--------------|-----|-----|------------------------------|---------|--------------|------------|
| White Pine | 5 | Log | 13 | | Serviceberry (Juneberry) | Low | 10 - 20 feet | Tall Shrub |
| Jack Pine | 63 | Pole/Log | 9 | 67 | Blueberry/Bilberry/Cranberry | Medium | < 5 feet | Tall Shrub |
| Northern Pin Oak | 5 | Pole | 6 | | Hawthorn (spp.) | Trace | 5 - 10 feet | Tall Shrub |
| Red Pine | 10 | Log | 12 | | Northern Pin Oak | Low | 5 - 10 feet | Sapling |
| Balsam Fir | 2 | Pole/Sapling | 6 | | Jack Pine | Medium | < 5 feet | Sapling |
| Quaking Aspen | 5 | Log/Pole | 12 | | White Pine | Trace | Variable | Sapling |
| Red Maple | 3 | Pole/Log | 8 | | Red Maple | Trace | Variable | Sapling |
| Black Cherry | 2 | Pole | 6 | | Honeysuckle (spp.) | Low | 5 - 10 feet | Tall Shrub |
| Bigtooth Aspen | 3 | Pole | 8 | | Mixed Sedges/Grasses | Medium | Unspecified | Non-Wood |
| Balsam Poplar | 2 | Pole/Sapling | 5 | | | | | |

| | | | | | | | |
|------------|--|----------------|-----|----|------|-----|--|
| 118 | 4191 - Mixed Upland Deciduous with Conifer | Sapling Medium | 4.6 | 26 | 1-50 | N/A | |
|------------|--|----------------|-----|----|------|-----|--|

A ridge that must've been cut in late 1990s. Beaver damage to margins and especially to larger diameter aspen. Seems like relatively poor site quality. Beavers largely wiped aspen out on eastern island. Invasive honeysuckle on eastern island

| Canopy Species | % Cover | Size Class | DBH | Age | Sub-Canopy Species | Density | Avg. Height | Size |
|------------------------|---------|--------------|-----|-----|------------------------------|---------|--------------|------------|
| Jack Pine | 10 | Pole | 8 | | Black/Red (Hybrid) Oak | Low | 10 - 20 feet | Sapling |
| White Pine | 10 | Log/Pole | 10 | | Wintergreen | High | < 5 feet | Tall Shrub |
| Northern Pin Oak | 10 | Sapling/Pole | 4 | | Blueberry/Bilberry/Cranberry | Medium | < 5 feet | Tall Shrub |
| Black/Red (Hybrid) Oak | 15 | Sapling/Pole | 4 | | Serviceberry (Juneberry) | Medium | 10 - 20 feet | Tall Shrub |
| Red Maple | 10 | Sapling/Pole | 4 | | Northern Pin Oak | Low | 10 - 20 feet | Sapling |
| Quaking Aspen | 30 | Sapling/Pole | 4 | 26 | Hawthorn (spp.) | Trace | 5 - 10 feet | Tall Shrub |
| Black Cherry | 5 | Sapling | 3 | | White Pine | Low | 10 - 20 feet | Sapling |