

# **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

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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:

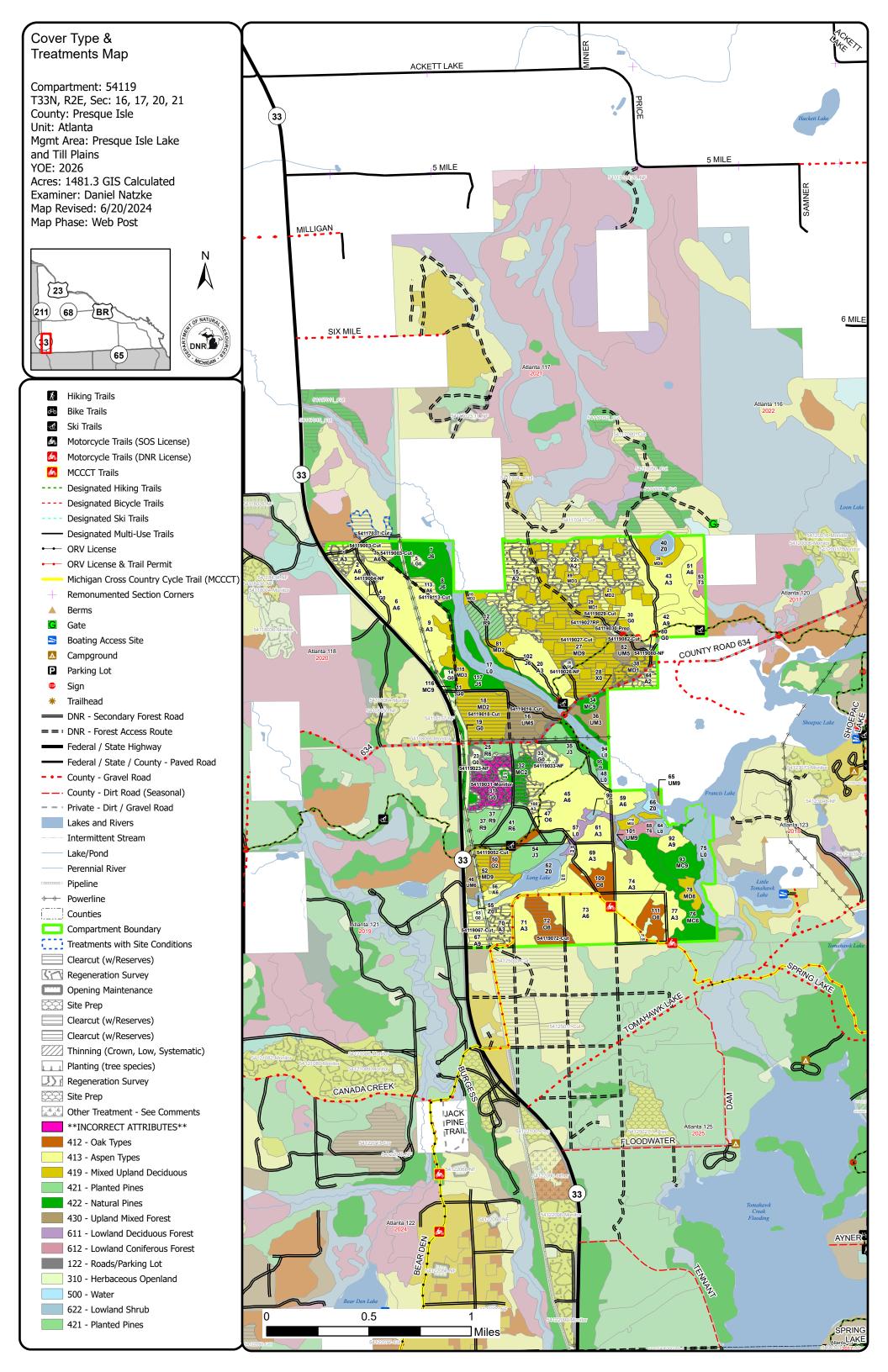
The compartment saw fire in the 1939 Canada Creek Fire.

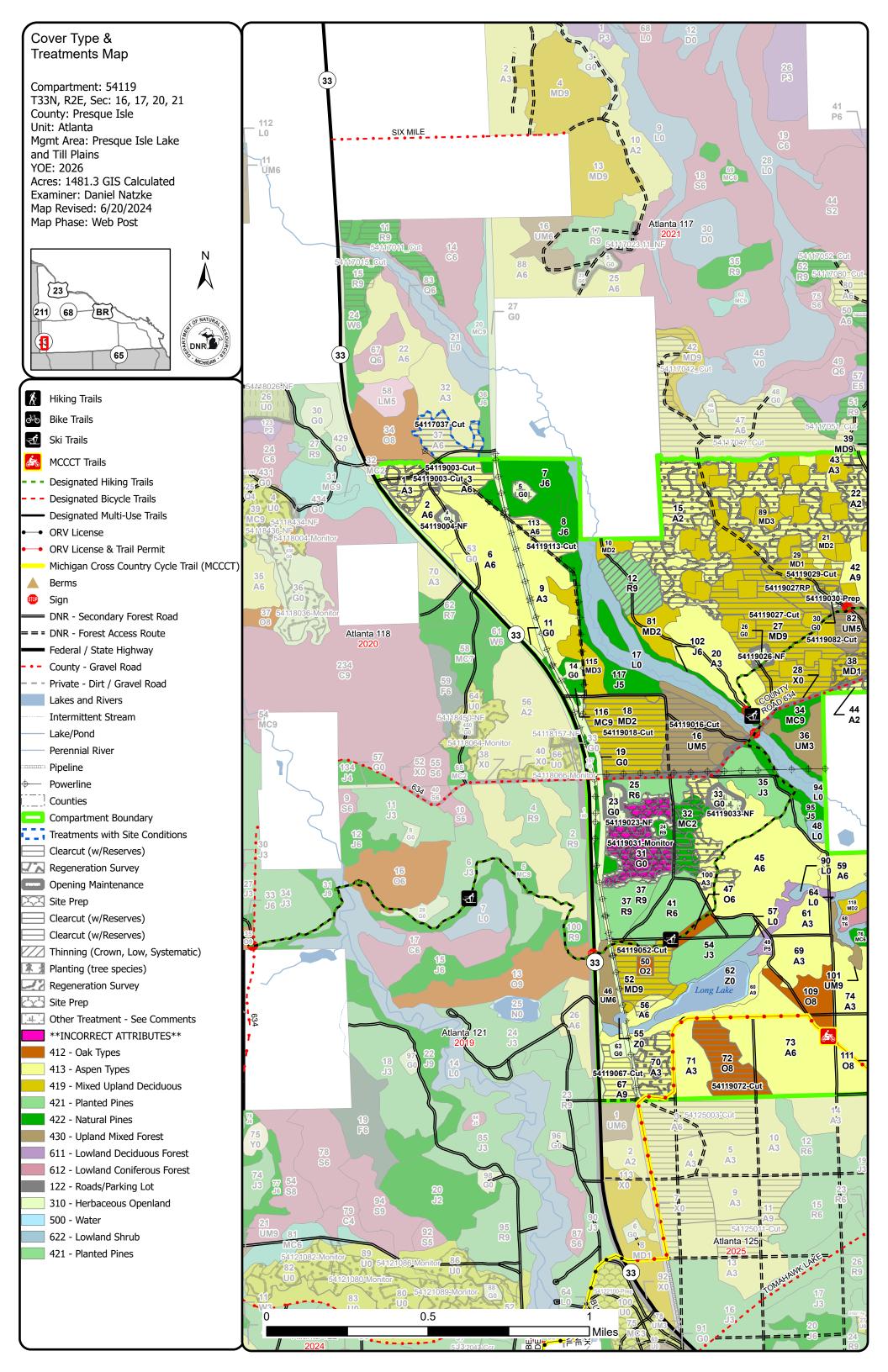
## The following reports from the Inventory are attached:

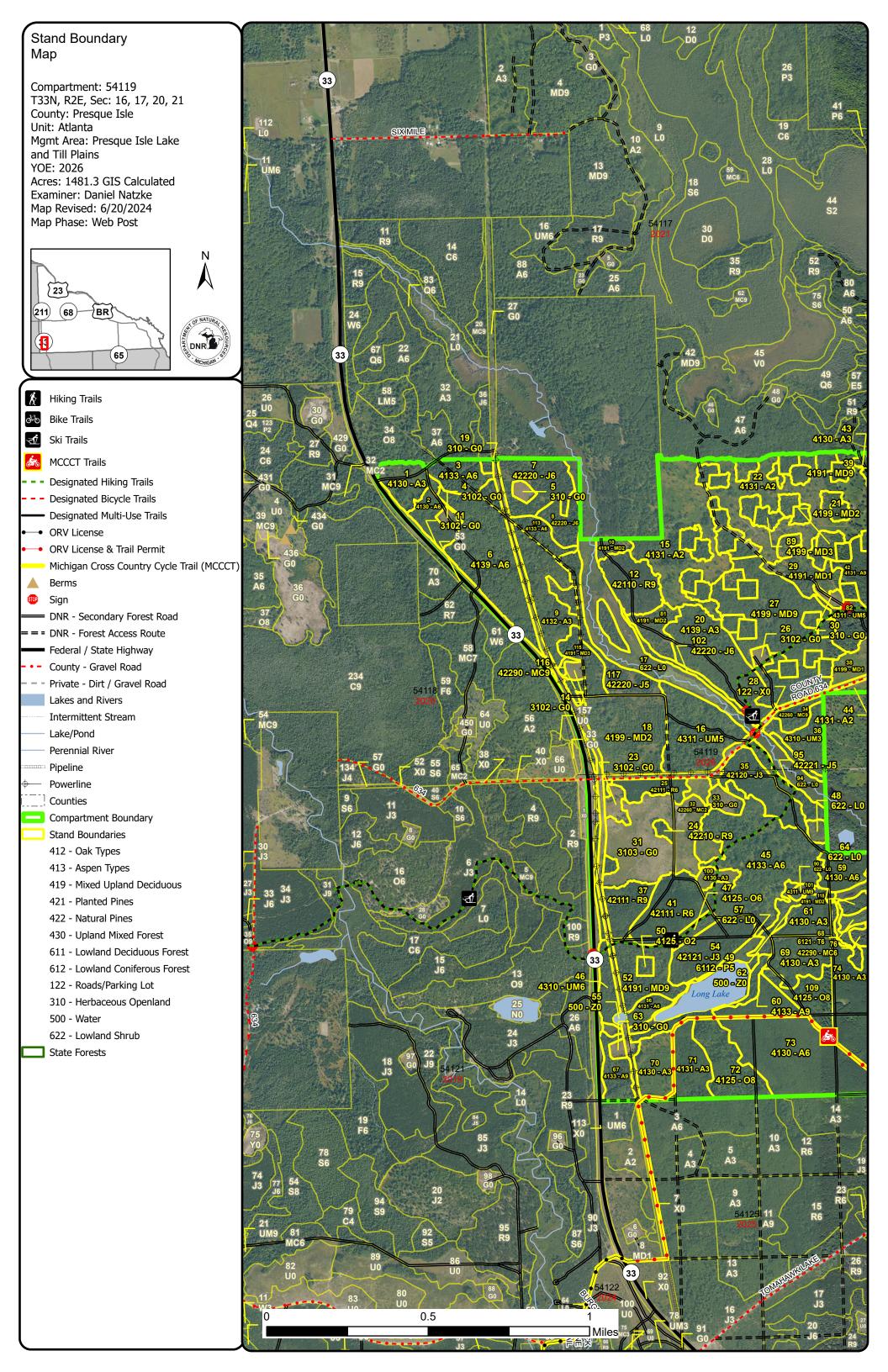
Total Acres by Cover Type and Age Class
Cover Type by Harvest Method
Proposed Treatments – No Limiting Factors
Proposed Treatments – With Limiting Factors
Stand Details (Forested and Nonforested)
Dedicated and Proposed Special Conservation Areas
Site Condition Details

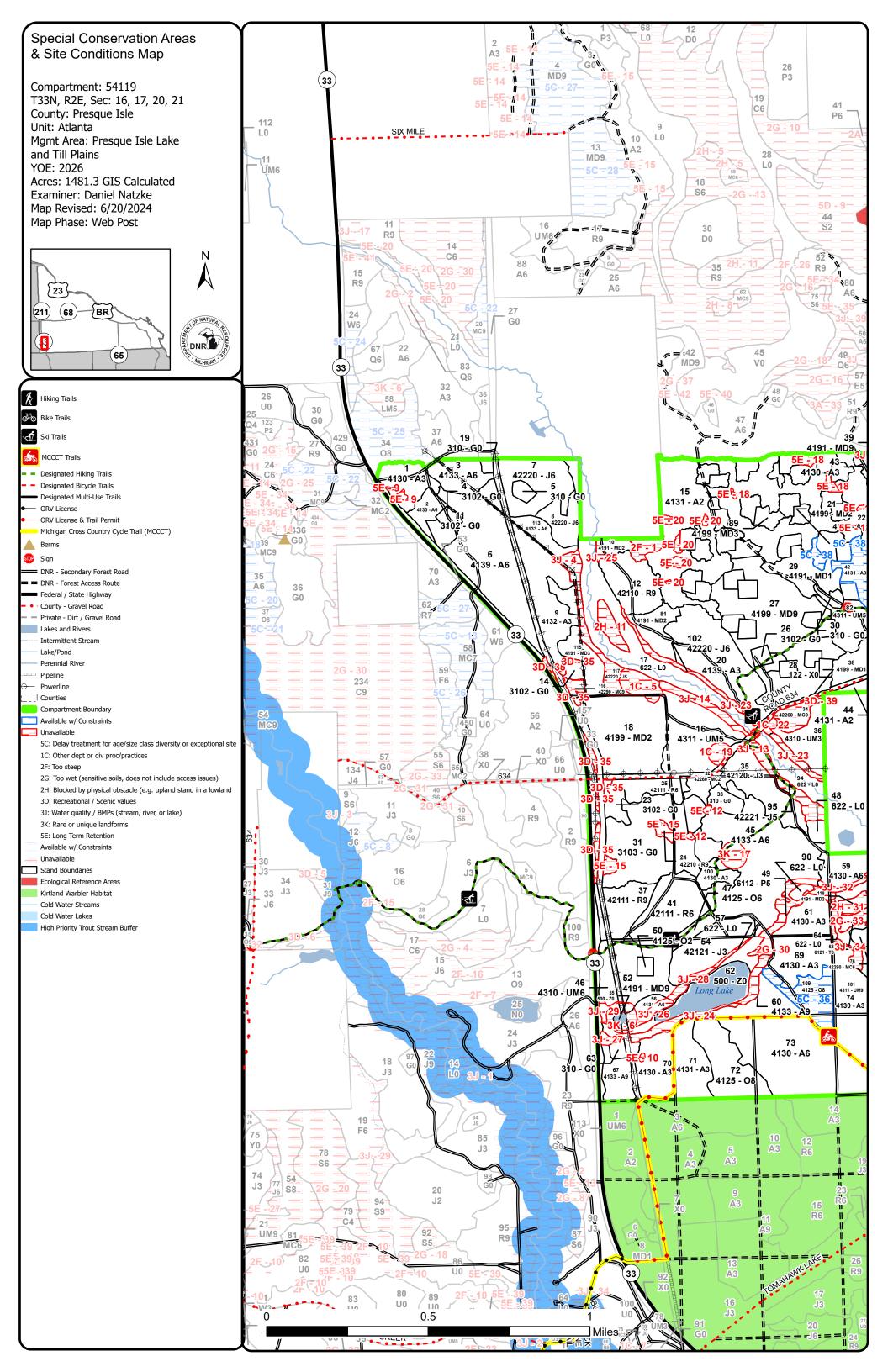
The following information is displayed, where pertinent, on the attached compartment maps:

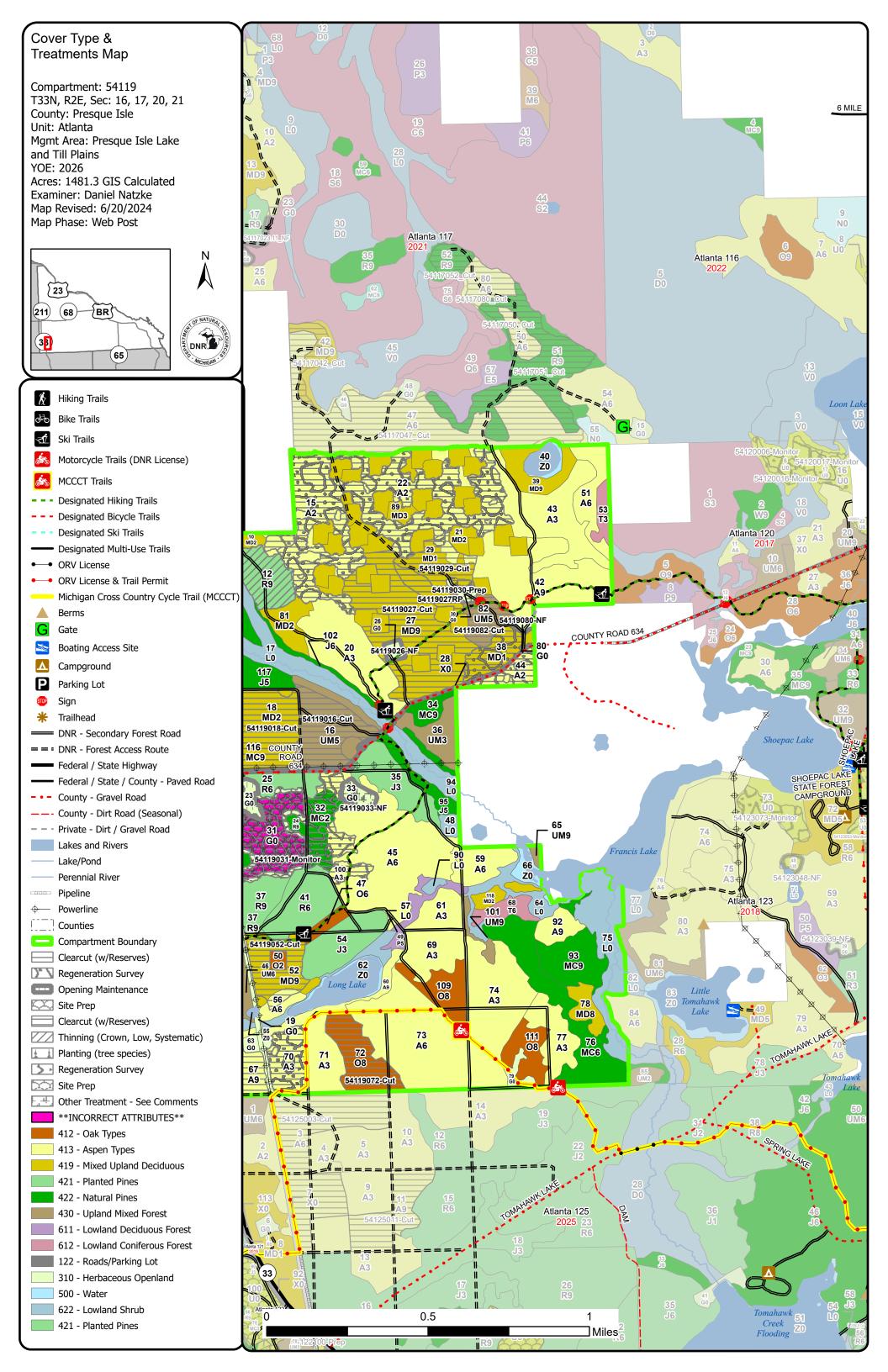
Base feature information, stand boundaries, cover types, and numbers Proposed treatments
Site condition boundaries
Details on the road access system

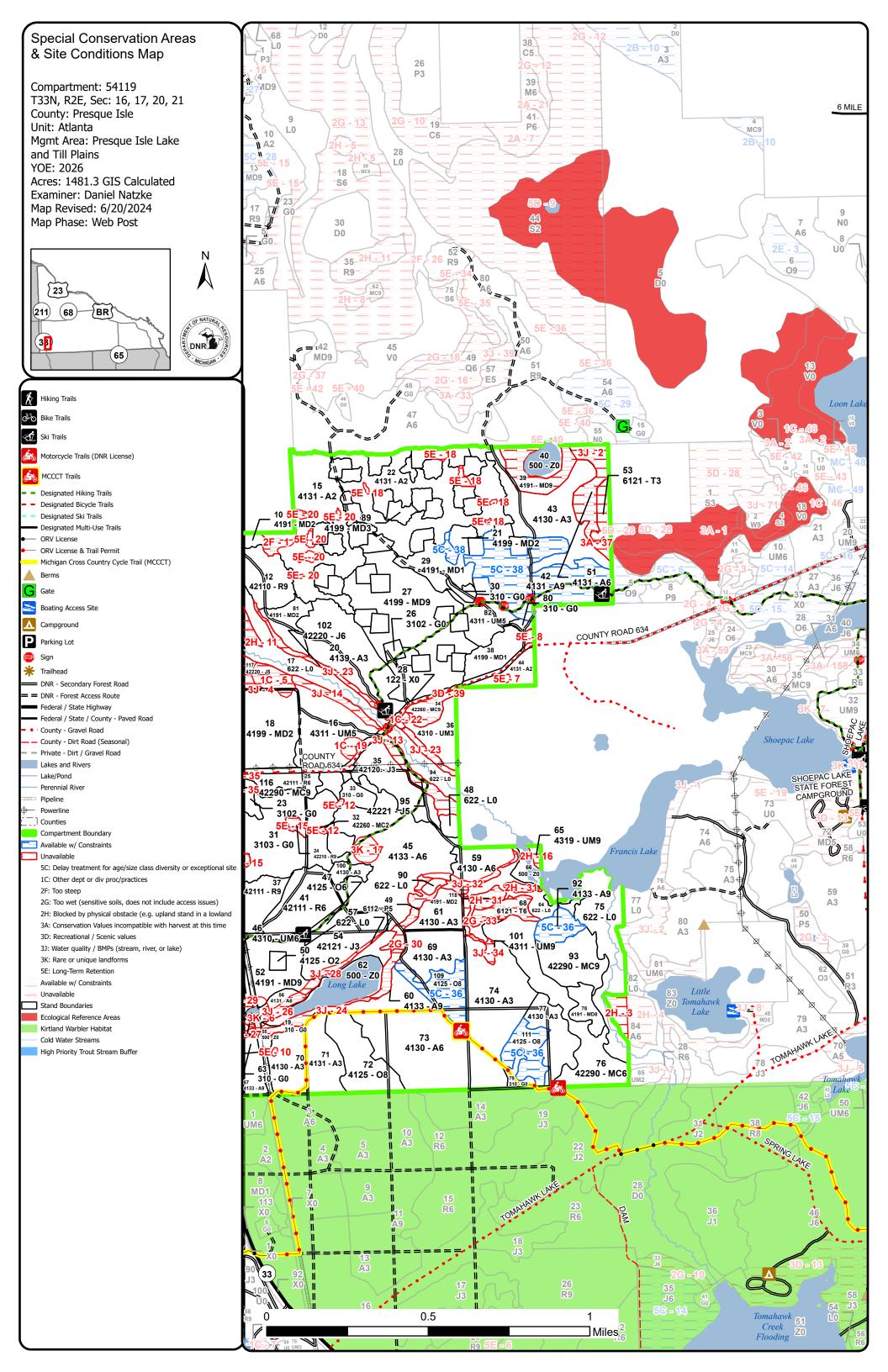


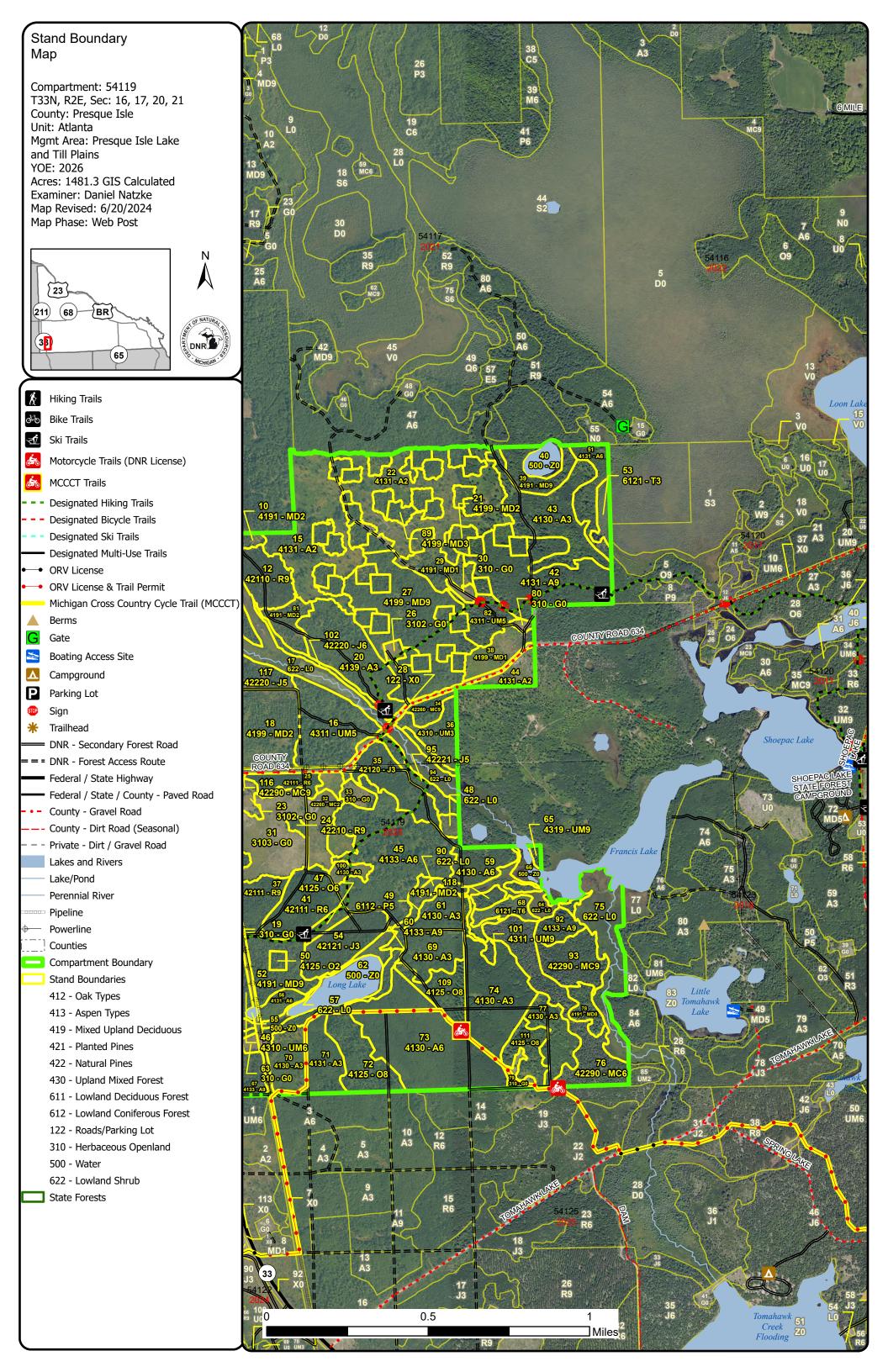












Daniel Natzke: Examiner

Atlanta Mgt. Unit





# Age Class

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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**

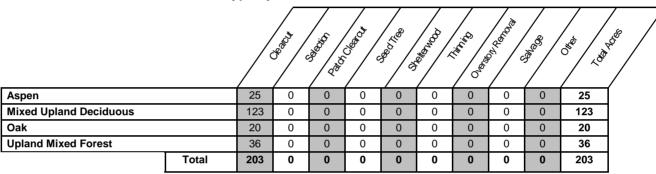
# Atlanta Mgt. Unit Year of Entry: 2026

Acres of Harvest

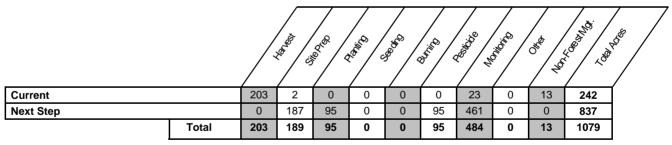
Compartment 119
Total Compartment Acres: 1,481

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

# **Cover Type by Harvest Method**



# **Proposed and Next Step Treatments by Method**



Atlanta Mgt. Unit Report 3 -- Treatments

Size

Density

Stand

Age

Compartment: 119 Year of Entry: 2026

Age

Structure

**Cover Type** 

Objective



Habitat

Cut

**Proposed Treatments:** 

**Treatment** 

Name

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d

37 54117037-Cut 11.8 4134 - Aspen, Poletimber 54 81-110 Harvest Clearcut with 413 - Aspen Even-Aged No Spruce/Fir Well Retention

BA

Range

<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 <u>Specs:</u> Atlanta grouse tree specification. Harvest with 54119003 adjacent to the south. Upon completion of the sale, merge this stand into the

**Treatment** 

Type

**Treatment** 

Method

compartment to the south (54119).

Next Step Monitoring, Natural Regen (Re-Inventory)

Acres

Treatments:

Acceptable Aspen, oak, maple, jack pine, red pine, white pine, balsam fir

Stand

CoverType

Regen:

Other Comment:

Site Condition

Proposed Start Date: 10/1 /2025

3 54119003-Cut 10.3 4133 - Aspen, Poletimber 55 81-110 Harvest Clearcut with 413 - Aspen Even-Aged No Mixed Pine Well Retention

<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 <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.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Aspen, oak, maple, jack pine, red pine, white pine, balsam fir

Regen:

Other Comment:

Site Condition

Proposed Start Date: 10/1 /2025

4 54119004-NF 1.8 3102 - Grass Nonstocked Immatu NonForestMgt Herbaceous/Crop 310 - re /Grass Planting Herbaceous

Openland

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

Next Step

Treatments:

<u>Acceptable</u>

Regen:

Other Treat invasives

Comment:

Site Condition

Proposed Start Date: 10/1 /2025

No

Atlanta Mgt. Unit

Report 3 -- Treatments

Compartment: 119 Year of Entry: 2026

S t

а **Treatment** Acres Stand Size Stand BA **Treatment Treatment Cover Type** Age Habitat n Method Objective Name CoverType Density Age Range Type Structure Cut d

16 54119016-Cut 24.7 4311 - Pine, Aspen Poletimber 51-80 Harvest Clearcut with 4211 - Planted Even-Aged Nο Red Pine Mix Medium Retention

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

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:

Note the 1C site condition. <u>Other</u>

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

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

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

Specs:

SitePrep, Roller Chopping; Pesticide, Aerial - Site Prep; SitePrep, Trenching; Planting, Initial Plant; Monitoring, Herbicide Use; Next Step

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

Acceptable A stand in which red pine dominates.

Regen:

Note 1C site condition in the northeast. Be attentive for any similar conditions (not currently site conditioned) in the stand's northwest and Other 1 4 1 exclude these from the harvest and subsequent future treatments. 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

54119023-NF 23 4.0 3102 - Grass Immatu NonForestMgt Herbaceous/Crop 310 -No Nonstocked /Grass Planting Herbaceous

Openland

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

Atlanta Mgt. Unit Report 3 -- Treatments Compartment: 119 Year of Entry: 2026 S t а **Treatment** Acres Stand Size Stand BA **Treatment Treatment Cover Type** Age Habitat n Method Density Objective Structure Name CoverType Age Range Type Cut d 26 54119026-NF 2.0 3102 - Grass Nonstocked Immatu NonForestMgt Herbaceous/Crop 310 -Nο /Grass Planting re Herbaceous Openland 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:

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

<u>Prescription</u> 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 <u>Specs:</u> CR634 for visual purposes. Protect High Country Pathway. Oak wilt specification.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Site Condition

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

Regen: Other

Comment:

Site Condition

Proposed Start Date: 10/1 /2025

Proposed Start Date: 10/1 /2025

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

<u>Prescription</u> Clear cut without retention to add to the future planting area in stand 29 and 82. Protect the High Country Pathway. <u>Specs:</u>

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 will be a part of the same red pine planting treatment.

Site Condition

Atlanta Mgt. Unit

Report 3 -- Treatments

Compartment: 119 Year of Entry: 2026	DNR MICHIGAN
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**Treatment** Acres Stand Size Stand BA **Treatment Treatment Cover Type** Age Habitat n Method Objective Structure Name CoverType Density Age Range Type Cut d

29 54119029-Cut 15.4 4191 - Mixed **Upland Deciduous**  Sapling Poor

1-50

Clearcut

Nο

with Conifer

Harvest

4211 - Planted Even-Aged

Red Pine

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

54119030-30 Prep

2.1 310 - Herbaceous Nonstocked Openland

Unspec ified

SitePrep

Roller Chopping 42110 - Planted Red Pine

Even-Aged

No

<u>Prescription</u> If necessary, roller chop to set back undesirable competition to red pine.

Specs:

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

54119033-NF

4.3 310 - Herbaceous Nonstocked Openland

ified

Unspec NonForestMgt Herbaceous/Crop /Grass Planting

310 -Herbaceous Openland

No

<u>Prescription</u> 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

Atlanta Mgt. Unit Report 3 -- Treatments Compartment: 119 S Year of Entry: 2026 t а **Treatment** Acres Stand Size Stand BA **Treatment Treatment Cover Type** Age Habitat n Method Objective Name CoverType Density Age Range Type Structure Cut d 52 54119052-Cut 19.0 4191 - Mixed Sawtimber 51-80 Harvest Clearcut with 4199 - Other Even-Aged Nο **Upland Deciduous** Mixed Upland Well Retention with Conifer Deciduous 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 Aspen, oak, maple, jack pine, red pine, white pine, spruce, balsam fir Regen: Other Comment: Site Condition Proposed Start Date: 10/1 /2025 Clearcut with Sawtimber 51-80 413 - Aspen 54119067-Cut 8.2 4133 - Aspen, 63 Harvest Even-Aged No Mixed Pine Retention Well 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 Aspen, oak, maple, jack pine, red pine, white pine, balsam fir, spruce Regen:

Other Comment:

Site Condition

Proposed Start Date: 10/1 /2025

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

Prescription Clear cut without area or single tree retention. Pile tops on the most vigorous 60-70% of oak stumps. Oak wilt no exceptions. Trail

Specs: protection standards.

Next Step Monitoring, Natural Regen (Intermediate); Monitoring, Natural Regen (Intermediate)

Treatments:

Acceptable Oak, maple, aspen, white pine, red pine, jack pine

Regen:

**Other** Comment:

Site Condition



Compartment: 119 Year of Entry: 2026 а **Treatment** Acres Stand Size Stand BA **Treatment Treatment** Cover Type Age Habitat n Method Objective Name CoverType Density Age Range Type Structure Cut d 80 54119080-NF 1.3 310 - Herbaceous Nonstocked Immatu NonForestMgt Herbaceous/Crop 310 -Nο Openland /Grass Planting Herbaceous re Openland 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 4211 - Planted 54119082-Cut 11.2 4311 - Pine, Aspen Poletimber 1-50 Harvest Clearcut No 67 Even-Aged Mix Medium Red Pine Prescription Clear cut. Protect the High Country Pathway. 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; Monitoring, Artificial Regen(1yr); Monitoring, Artificial Regen(3yr) Treatments: Acceptable A stand in which planted red pine dominates. Regen: Treatment 54119027RP, 54119029-Cut, 54119082-Cut, 54119016-Cut, and 54119018-Cut must be added to the same sale. These stands Other Comment: will be a part of the same red pine planting treatment. Site Condition Proposed Start Date: 10/1 /2024 113 54119113-Cut 6.3 4133 - Aspen, Poletimber 48 51-80 Harvest Clearcut 413 - Aspen Even-Aged No Mixed Pine Well Prescription Clear cut. Current Atlanta grouse specification. Oak wilt specifications, no exceptions, due to stand size and shape. Specs: Next Step Monitoring, Natural Regen (Re-Inventory) Treatments Acceptable Aspen, oak, maple, jack pine, red pine, white pine, balsam fir Regen:

Other Comment:

Site Condition

Proposed Start Date: 10/1 /2025

#### **Approved Treatments:**

31 54119031-23.2 3103 - Rubus-Fern Nonstocked Immatu Monitoring Artificial 4211 - Planted Even-Aged No Red Pine Monitor re Regen(1yr)

Prescription Acceptable regen can be of med/well stocked red pine.

Specs:

Next Step ; ; Monitoring, Herbicide Use; Monitoring, Artificial Regen(3yr)

Treatments:

Acceptable Acceptable regen can be of med/well stocked red pine.

Regen:

Other 1 4 1 Comment:

Percent to Treat = 100%

Site Condition

Atlanta Mgt. Unit Report 3 -- Treatments Compartment: 119 Year of Entry: 2026 **Treatment** Acres Stand Size Stand ВА **Treatment Treatment Cover Type** Age Habitat CoverType Density Age Range Method Objective Structure Type Cut

Proposed Start Date: 10/1 /2023

Total Treatment 253.8 Acreage Proposed:

Name

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Compartment: 119

Atlanta Mgt. Unit

Daniel Natzke: Examiner Year of Entry: 2026

Availa	ability for	Managemer	nt												
Total	Acres	Acres Avail	Acres	D	omina	nt Site	e Con	dition	s						
Acres	Available	With Condition	Not Available		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											

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

	Dominant Site Cond Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
	Unavailable	2F: Too steep	3	Unspecified	Unspecified	Unspecified	Unspecified
Т	his portion of stand	d 15 was left out of the harves	t in the re	est of the stand likely heca	use of operability concerns	This portion of the stand	lioc on a clope that
		uipment to turn around at the			dase of operability concerns	s. This portion of the stand	riles on a slope that

Atlanta Mgt. Unit

Daniel Natzke: Examiner

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 strea	am 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 p	policies. Areas left as stream bu	ıffer.				
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:						
3	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
9	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						

Atlanta Mgt. Unit

**Daniel Natzke: Examiner** 

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 pa	ssed 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	on of the setback for Tomahawk	Cree	k.			
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 p	policies.					
23	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	8	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Stream buffer for p	revious 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 pr	evious harvests.					
26	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	2	2F: Too steep	Unspecified	Unspecified	Unspecified
	Comments: Slope terminates d	irectly into wetland with no room	n 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:						
	24 2-29-20 DM Dogo						CAL

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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 conside	rable be	eaver damage throughout.					
32	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	3	Unspecified	Unspecified	Unspecified	Unspecified		
	Comments: Slopes and wetland	d setback. Wouldn't hurt to hole	d future	harvests back from the wetla	nd 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 to	oo wet most years. Generally p	oorer (	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 b	uffers that also include red and	a few \	white pine near or at legacy sta	ıtus.				
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.								

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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 iso	plated					
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 muskeç	g ERA. Too wet.					
38	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	46	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Coordinate treatme	ent with the rest of the stand in th	ne com	partment to the east where p	ossible.		
39	Unavailable	3D: Recreational / Scenic values	5	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Very small stand w	ith mature red and white pine at	the ce	nter and more recent white pi	ne regeneration on the $\epsilon$	edges. Highly visible on a t	urn at the top of a hill.

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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				

Atlanta Mgt. Unit Compartment: 119
Year of Entry 2026



# 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.

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



											a DNR
Stand	Level 4 Co	over Type	•	Size De	nsity	Acres	Stand Age E	BA Range	Managed 9	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
Can	opy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	boundary of the stand. It's rare elsewhere.
Qual	king Aspen	25	Sapling	1		R	ed Pine	Low	< 5 feet	Seeding	
W	hite Pine	5	Sapling	1		Hawt	horn (spp.)	Low	5 - 10 feet	Tall Shrub	
Bigto	ooth Aspen	70	Sapling	1	5	Honeys	suckle (spp.)	Low	5 - 10 feet	Tall Shrub	
2	4130	- Aspen	Р	oletimb	er We	II 9.3	33	51-80	N/A		
Can	opy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
Qual	king Aspen	13	Pole/Sapling	5		Ва	alsam Fir	Trace	10 - 20 feet	Sapling	
North	ern Pin Oak	2	Sapling/Pole	3		Honeys	suckle (spp.)	Low	5 - 10 feet	Tall Shrub	
Re	ed Maple	8	Sapling/Pole	4		Servicebe	erry (Juneberry	) Low	10 - 20 feet	Tall Shrub	
Bigto	ooth Aspen	62	Pole/Sapling	5	33	WI	hite Pine	Medium	5 - 10 feet	Sapling	
Ba	lsam Fir	2	Pole/Sapling	5		Autu	umn Olive	Low	5 - 10 feet	Tall Shrub	
W	hite Pine	5	Pole/Log/Sap	7		Hawt	thorn (spp.)	Trace	5 - 10 feet	Tall Shrub	
R	ed Pine	5	Pole/Log/Sap	7		Black/Re	ed (Hybrid) Oak	Trace	< 5 feet	Seeding	
Ja	ack Pine	1	Sapling	4							-
Bla	ck Spruce	2	Sapling	3							
3	4133 - Aspe	en, Mixed P	ine P	oletimb	er We	ll 10.3	55	81-110	N/A		Also a considerable amount of approximately 45 year old aspen on a
Can	opy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	second look.
Black/Re	ed (Hybrid) Oak	3	Log/Pole	10		WI	hite Pine	Medium	5 - 10 feet	Sapling	
Ja	ack Pine	15	Pole	8	47	Hawt	thorn (spp.)	Low	5 - 10 feet	Tall Shrub	
W	hite Oak	2	Log	14		Honey	suckle (spp.)	Low	5 - 10 feet	Tall Shrub	
Bigto	ooth Aspen	35	Pole/Log	9	55	Ва	alsam Fir	Low	Variable	Sapling	
R	ed Pine	5	Log	15		Servicebe	erry (Juneberry	) Trace	10 - 20 feet	Tall Shrub	
Qual	king Aspen	15	Pole	7		Che	erry (spp.)	Low	5 - 10 feet	Tall Shrub	
Re	ed Maple	5	Sapling/Pole	4		North	ern Pin Oak	Low	10 - 20 feet	Sapling	
W	hite Pine	15	Pole/Log	8						-	-

Balsam Fir

Pole/Sapling

5

7



Stand			iiiSity	Acres Stand Age BA Range Managed Site		Site	General Comments			
4	3102	- Grass	1	Nonsto	cked	1.8 In	nmature	Managed C	pening	
						Sub-Canopy Species	Density	Avg. Height	Size	
						Spotted Knapweed	Medium	Unspecified	Non-Wood	
						Hawthorn (spp.)	Trace	10 - 20 feet	Tall Shrub	
						Mixed Sedges/Grasses	High	Unspecified	Non-Wood	
						Sweet Fern	Trace	< 5 feet	Tall Shrub	
						Autumn Olive	Low	5 - 10 feet	Tall Shrub	
						Balsam Poplar	Low	>20 feet	Sapling	
						Red Pine	Trace	>20 feet	Sapling	
						Blackberry/Raspberry	Trace	< 5 feet	Tall Shrub	
						White Pine	Low	10 - 20 feet	Sapling	
						Honeysuckle (spp.)	Trace	< 5 feet	Tall Shrub	
5	310 - Herbace	eous Oper	nland N	Nonsto	ocked	2.2 Un	specified	No		The trail to the opening has grown over.
						Sub-Canopy Species	Density	Avg. Height	Size	
						Spotted Knapweed	Medium	Unspecified	Non-Wood	
						Mixed Sedges/Grasses	High	Unspecified	Non-Wood	
						Little Bluestem	Low	Unspecified	Non-Wood	
						Sweet Fern	Medium	< 5 feet	Tall Shrub	
6	4139 - Aspen, N	Mixed Dec	iduous Po	letimb	er We	Sweet Fern	Medium 31-110	< 5 feet		There is a low density of hawthorn throughout. Honeysuckle is densest
	4139 - Aspen, N	Mixed Dec			er We	Sweet Fern				There is a low density of hawthorn throughout. Honeysuckle is densest in north third.
С	-					Sweet Fern	31-110	N/A		
С	Canopy Species	% Cover	Size Class	DBH		Sweet Fern  II 41.2 47  Sub-Canopy Species	B1-110  Density	N/A Avg. Height	Size	
С	Canopy Species  Balsam Fir	% Cover	Size Class Pole/Sapling	<b>DB</b> H		Sweet Fern  II 41.2 47  Sub-Canopy Species  Red Maple	B1-110  Density  Low	N/A  Avg. Height  Variable	Size Sapling	
С	Canopy Species Balsam Fir	% Cover 2 15	Size Class Pole/Sapling Pole	<b>DBH</b> 6 7		Sweet Fern  II 41.2 47  Sub-Canopy Species  Red Maple  White Pine	B1-110  Density  Low  Medium	N/A  Avg. Height  Variable  Variable	Size Sapling Sapling	
C Bi	Canopy Species  Balsam Fir  sigtooth Aspen  Jack Pine	% Cover 2 15 2	Size Class Pole/Sapling Pole Pole	6 7 7		Sweet Fern  11 41.2 47  Sub-Canopy Species Red Maple White Pine Serviceberry (Juneberry)	Density Low Medium Trace	N/A  Avg. Height  Variable  Variable  10 - 20 feet	Size Sapling Sapling Tall Shrub	
Bi	Balsam Fir Bigtooth Aspen Jack Pine Red Pine	% Cover 2 15 2 5	Size Class Pole/Sapling Pole Pole Log	6 7 7 16		Sweet Fern  11 41.2 47  Sub-Canopy Species Red Maple White Pine Serviceberry (Juneberry) Honeysuckle (spp.)	B1-110  Density  Low  Medium  Trace  High	N/A  Avg. Height  Variable  Variable  10 - 20 feet  < 5 feet	Size Sapling Sapling Tall Shrub Tall Shrub	
Bi	Balsam Fir Bigtooth Aspen Jack Pine Red Pine White Pine	% Cover 2 15 2 5 8	Size Class Pole/Sapling Pole Pole Log Log/Pole	DBH 6 7 7 16 10		Sweet Fern  41.2 47  Sub-Canopy Species  Red Maple  White Pine  Serviceberry (Juneberry)  Honeysuckle (spp.)  Jack Pine	B1-110  Density  Low  Medium  Trace  High  Medium	N/A  Avg. Height  Variable  Variable  10 - 20 feet  < 5 feet  < 5 feet	Size Sapling Sapling Tall Shrub Tall Shrub Sapling	
Bi Qu	Canopy Species  Balsam Fir  bigtooth Aspen  Jack Pine  Red Pine  White Pine  Red Maple	% Cover 2 15 2 5 8 10	Size Class Pole/Sapling Pole Pole Log Log/Pole Log/Pole	DBH 6 7 7 16 10 10	I Age	Sweet Fern  41.2 47  Sub-Canopy Species  Red Maple  White Pine  Serviceberry (Juneberry)  Honeysuckle (spp.)  Jack Pine  Cherry (spp.)	B1-110  Density  Low  Medium  Trace  High  Medium  Low	N/A  Avg. Height  Variable  Variable  10 - 20 feet  < 5 feet  < 5 feet  5 - 10 feet	Size Sapling Sapling Tall Shrub Tall Shrub Sapling Tall Shrub	
Bi Qu	Canopy Species  Balsam Fir Sigtooth Aspen Jack Pine Red Pine White Pine Red Maple Quaking Aspen	% Cover 2 15 2 5 8 10 43 15	Size Class Pole/Sapling Pole Pole Log Log/Pole Log/Pole Log/Pole Pole Log/Pole	DBH 6 7 7 16 10 10 8 13	I Age	Sweet Fern  41.2 47  Sub-Canopy Species  Red Maple  White Pine  Serviceberry (Juneberry)  Honeysuckle (spp.)  Jack Pine  Cherry (spp.)  Hawthorn (spp.)	B1-110  Density  Low  Medium  Trace  High  Medium  Low	N/A  Avg. Height  Variable  Variable  10 - 20 feet  < 5 feet  < 5 feet  5 - 10 feet	Size Sapling Sapling Tall Shrub Sapling Tall Shrub Sapling Tall Shrub	There is a single wire fence in north with no trespassing signs. A blue
Biack/	Canopy Species  Balsam Fir  Sigtooth Aspen  Jack Pine  Red Pine  White Pine  Red Maple  Quaking Aspen  //Red (Hybrid) Oak	% Cover	Size Class Pole/Sapling Pole Pole Log Log/Pole Log/Pole Log/Pole Pole Log/Pole	DBH 6 7 7 16 10 10 8 13	Age 47	Sweet Fern  41.2 47  Sub-Canopy Species  Red Maple  White Pine  Serviceberry (Juneberry)  Honeysuckle (spp.)  Jack Pine  Cherry (spp.)  Hawthorn (spp.)	B1-110  Density Low Medium Trace High Medium Low Low	N/A  Avg. Height  Variable  Variable  10 - 20 feet  < 5 feet  < 5 feet  5 - 10 feet  5 - 10 feet	Size Sapling Sapling Tall Shrub Sapling Tall Shrub Sapling Tall Shrub	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
Biack/	Canopy Species  Balsam Fir  Sigtooth Aspen  Jack Pine  Red Pine  White Pine  Red Maple  Quaking Aspen  E/Red (Hybrid) Oak  42220 - Natu	% Cover	Size Class Pole/Sapling Pole Pole Log Log/Pole Log/Pole Log/Pole Pole Log/Pole Pole Pole Poine Po	DBH 6 7 7 16 10 10 8 13	47	Sweet Fern  41.2 47  Sub-Canopy Species  Red Maple  White Pine  Serviceberry (Juneberry)  Honeysuckle (spp.)  Jack Pine  Cherry (spp.)  Hawthorn (spp.)	B1-110  Density Low Medium Trace High Medium Low Low  51-80  Density	N/A  Avg. Height  Variable  Variable  10 - 20 feet  < 5 feet  < 5 feet  5 - 10 feet  N/A	Size Sapling Sapling Tall Shrub Tall Shrub Sapling Tall Shrub	There is a single wire fence in north with no trespassing signs. A blue
Carrier State Carrier	Canopy Species  Balsam Fir  sigtooth Aspen  Jack Pine  Red Pine  White Pine  Red Maple  Quaking Aspen  (Red (Hybrid) Oak  42220 - Natu	% Cover 2 15 2 5 8 10 43 15 ural Jack F	Size Class Pole/Sapling Pole Pole Log Log/Pole Log/Pole Log/Pole Pole Log/Pole Pole Size Class	DBH 6 7 7 16 10 10 8 13	47	Sweet Fern  41.2 47  Sub-Canopy Species  Red Maple  White Pine  Serviceberry (Juneberry)  Honeysuckle (spp.)  Jack Pine  Cherry (spp.)  Hawthorn (spp.)  11 23.1 26  Sub-Canopy Species	B1-110  Density Low Medium Trace High Medium Low Low  51-80  Density	N/A  Avg. Height  Variable  Variable  10 - 20 feet  < 5 feet  < 5 feet  5 - 10 feet  5 - 10 feet  N/A  Avg. Height	Size Sapling Sapling Tall Shrub Sapling Tall Shrub Sapling Tall Shrub Tall Shrub	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
Qu Black/	Canopy Species  Balsam Fir  Sigtooth Aspen  Jack Pine  Red Pine  White Pine  Red Maple  Quaking Aspen  //Red (Hybrid) Oak  42220 - Natu  Canopy Species  Red Pine	% Cover	Size Class Pole/Sapling Pole Pole Log Log/Pole Log/Pole Log/Pole Pole Log/Pole Size Class Log	DBH 6 7 7 16 10 10 8 13 letimb DBH 15	47	Sweet Fern  11 41.2 47  Sub-Canopy Species  Red Maple  White Pine  Serviceberry (Juneberry)  Honeysuckle (spp.)  Jack Pine  Cherry (spp.)  Hawthorn (spp.)  12 3.1 26  Sub-Canopy Species  Blueberry/Bilberry/Cranberry	B1-110  Density Low Medium Trace High Medium Low Low  51-80  Density High Medium	N/A  Avg. Height  Variable  Variable  10 - 20 feet  < 5 feet  < 5 feet  5 - 10 feet  5 - 10 feet  N/A  Avg. Height  < 5 feet	Size Sapling Sapling Tall Shrub Sapling Tall Shrub Sapling Tall Shrub Tall Shrub Tall Shrub Non-Wood	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
Qu Black/	Canopy Species  Balsam Fir  Sigtooth Aspen  Jack Pine  Red Pine  White Pine  Red Maple  Quaking Aspen  //Red (Hybrid) Oak  42220 - Natu  Canopy Species  Red Pine  White Pine	% Cover 2	Size Class Pole/Sapling Pole Pole Log Log/Pole Log/Pole Log/Pole Pole Log/Pole Log/Pole Pole Log/Pole Pole Log/Pole Pole Log/Pole	DBH 6 7 7 16 10 10 8 13 letimb DBH 15 9	47 eer We	Sweet Fern  11 41.2 47  Sub-Canopy Species Red Maple White Pine Serviceberry (Juneberry) Honeysuckle (spp.) Jack Pine Cherry (spp.) Hawthorn (spp.)  11 23.1 26  Sub-Canopy Species Blueberry/Bilberry/Cranberr Pennsylvania Sedge	B1-110  Density Low Medium Trace High Medium Low Low  51-80  Density High Medium	N/A  Avg. Height  Variable  Variable  10 - 20 feet  < 5 feet  < 5 feet  5 - 10 feet  5 - 10 feet  N/A  Avg. Height  < 5 feet  Unspecified	Size Sapling Sapling Tall Shrub Sapling Tall Shrub Sapling Tall Shrub Tall Shrub Tall Shrub Non-Wood	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
Qu Black/	Canopy Species  Balsam Fir  Sigtooth Aspen  Jack Pine  Red Pine  White Pine  Red Maple  Quaking Aspen  KRed (Hybrid) Oak  42220 - Natu  Canopy Species  Red Pine  White Pine  Jack Pine	% Cover 2 15 2 5 8 10 43 15  ural Jack F % Cover 5 78	Size Class Pole/Sapling Pole Pole Log Log/Pole Log/Pole Pole Log/Pole Pole Log/Pole Pole Log/Pole Pole Log/Pole Pole Pole Log/Pole Pole Pole Size Class Log Pole/Log Pole/Sapling	DBH 6 7 7 16 10 8 13 letimb DBH 15 9 5	47 eer We	Sweet Fern  41.2 47  Sub-Canopy Species  Red Maple  White Pine  Serviceberry (Juneberry)  Honeysuckle (spp.)  Jack Pine  Cherry (spp.)  Hawthorn (spp.)  Il 23.1 26  Sub-Canopy Species  Blueberry/Bilberry/Cranberr  Pennsylvania Sedge  Cladonia (Reindeer moss)  Wintergreen	B1-110  Density Low Medium Trace High Medium Low Low  51-80  Density High Medium Low	N/A  Avg. Height  Variable  Variable  10 - 20 feet  < 5 feet  < 5 feet  5 - 10 feet  5 - 10 feet  N/A  Avg. Height  < 5 feet  Unspecified  Unspecified	Size Sapling Sapling Tall Shrub Sapling Tall Shrub Sapling Tall Shrub Tall Shrub Tall Shrub Non-Wood	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
Qu Black/	Balsam Fir Bigtooth Aspen Jack Pine Red Pine White Pine Red Maple Quaking Aspen E/Red (Hybrid) Oak  42220 - Natu Canopy Species Red Pine White Pine Jack Pine Quaking Aspen	% Cover	Size Class Pole/Sapling Pole Pole Log/Pole Log/Pole Log/Pole Pole Log/Pole Pole Log/Pole Pole Log/Pole Pole Pole Log/Pole Pole Pole Log/Pole Pole Pole Pole Size Class Log Pole/Log Pole/Sapling Pole	DBH 6 7 7 16 10 8 13 letimb DBH 15 9 5 7	47 eer We	Sweet Fern  11 41.2 47  Sub-Canopy Species Red Maple White Pine Serviceberry (Juneberry) Honeysuckle (spp.) Jack Pine Cherry (spp.) Hawthorn (spp.)  12 23.1 26  Sub-Canopy Species Blueberry/Bilberry/Cranberr Pennsylvania Sedge Cladonia (Reindeer moss)	B1-110  Density Low Medium Trace High Medium Low Low  51-80  Density Y High Medium Low Medium Medium Medium Medium Medium Medium Medium Medium Medium	N/A  Avg. Height  Variable  Variable  10 - 20 feet  < 5 feet  < 5 feet  5 - 10 feet  5 - 10 feet  N/A  Avg. Height  < 5 feet  Unspecified  < 5 feet	Size Sapling Sapling Tall Shrub Sapling Tall Shrub Sapling Tall Shrub Tall Shrub Tall Shrub Tall Shrub Non-Wood Tall Shrub	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
Qu Black/	Balsam Fir Bigtooth Aspen Jack Pine Red Pine White Pine Red Maple Quaking Aspen E/Red (Hybrid) Oak  42220 - Natu Canopy Species Red Pine White Pine Jack Pine Quaking Aspen	% Cover	Size Class Pole/Sapling Pole Pole Log/Pole Log/Pole Log/Pole Pole Log/Pole Pole Log/Pole Pole Log/Pole Pole Pole Log/Pole Pole Pole Log/Pole Pole Pole Pole Size Class Log Pole/Log Pole/Sapling Pole	DBH 6 7 7 16 10 8 13 letimb DBH 15 9 5 7	47 eer We	Sweet Fern  41.2 47  Sub-Canopy Species  Red Maple  White Pine  Serviceberry (Juneberry)  Honeysuckle (spp.)  Jack Pine  Cherry (spp.)  Hawthorn (spp.)  Il 23.1 26  Sub-Canopy Species  Blueberry/Bilberry/Cranberr  Pennsylvania Sedge  Cladonia (Reindeer moss)  Wintergreen  Cherry (spp.)	B1-110  Density Low Medium Trace High Medium Low Low  51-80  Density Y High Medium Low Medium Medium Medium Medium Medium	N/A  Avg. Height  Variable  Variable  10 - 20 feet  < 5 feet  < 5 feet  5 - 10 feet  5 - 10 feet  V/A  Avg. Height  < 5 feet  Unspecified  Unspecified  < 5 feet  10 - 20 feet	Size Sapling Sapling Tall Shrub Sapling Tall Shrub Sapling Tall Shrub Tall Shrub Tall Shrub Tall Shrub Tall Shrub Non-Wood Non-Wood Tall Shrub	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	d Level 4 Cover Type		s	Size Density		Acres	Stand Age B	A Range	ange Managed Site		General Comments
8	42220 - Natu	ıral Jack P	Pine Po	oletimb	er We	II 8.8	46	81-110	N/A		Some older trees show scorching from fire possibly 25-30 years ago
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Car	nopy Species	Density	Avg. Height	Size	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.
	Jack Pine	85	Pole	8	46	Servicebe	rry (Juneberry)	Trace	10 - 20 feet	Tall Shrub	
	Red Pine	15	Log/XLog/Pole	13	102	Re	d Pine	Low	Variable	Sapling	
						Win	tergreen	Medium	< 5 feet	Tall Shrub	
						Chei	rry (spp.)	Low	10 - 20 feet	Tall Shrub	
						Bal	sam Fir	Trace	10 - 20 feet	Sapling	
						Black/Red	d (Hybrid) Oak	Low	5 - 10 feet	Sapling	
						Jac	ck Pine	Low	Variable	Sapling	
						Wh	ite Pine	Trace	5 - 10 feet	Sapling	
9	4132 - Aspe	n, Jack Pi	ine :	Saplino	g Well	23.0	26	1-50	N/A		The trees in the stand look small for their age but a cut stump confirms
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Car	nopy Species	Density	Avg. Height	Size	the cutting record.
Blac	k/Red (Hybrid) Oak	5	Log	11		Servicebe	rry (Juneberry)	Trace	10 - 20 feet	Tall Shrub	
N	orthern Pin Oak	20	Pole/Log/Sap	9		Wh	ite Pine	Medium	5 - 10 feet	Sapling	
	Jack Pine	20	Pole/Sapling	6		Honeys	uckle (spp.)	Low	5 - 10 feet	Tall Shrub	
	Red Pine	5	Pole/Sapling	5		Hawth	orn (spp.)	Trace	5 - 10 feet	Tall Shrub	
	Choke Cherry	1	Sapling	2						'	•
	White Pine	5	Pole/Sapling	6							
(	Quaking Aspen	32	Sapling	3	26						
	Balsam Fir	2	Pole	6							
	Bigtooth Aspen	8	Sapling	3							
	Red Maple	2	Pole/Sapling	5							
10	4191 - Mixed Upla Cor	nd Decidu nifer	ous with Sa	apling I	Mediun	n 3.5	17	1-50	N/A		This stand is similar in composition to stand 81, adjacent south of the repine plantation. The jack pine heavy portion west of the trail resembles
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Car	nopy Species	Density	Avg. Height	Size	stand 102 south of the pine plantation along Tomahawk Creek. Most probably the pine plantation covers the same kind of site as stands 10
	White Pine	5	Pole/Sapling	6		,	vania Sedge	Medium	Unspecified	Non-Wood	and 81 with pine cover currently interrupting what probably would've bee
Blac	k/Red (Hybrid) Oak	5	Sapling	2	17	Blueberry/Bi	lberry/Cranber	ry Medium	< 5 feet	Tall Shrub	a larger stand had it not been planted.
	Red Pine	3	Sapling/Pole	3		Bal	sam Fir	Trace	< 5 feet	Seeding	
	Jack Pine	30	Pole/Sapling	6		Northe	rn Pin Oak	Low	< 5 feet	Seeding	
N	orthern Pin Oak	42	Sapling/Pole	4	17						-

Atlanta Mgt. Unit



	Level 4 Co	over Type	;	Size De	ensity	Acres	Stand Age E	BA Range	Managed	Site	General Comments
11	3102	- Grass		Nonst	ocked	20.9		Immature	No		M-33 and its grassy shoulder in the right of way.
						Sub-Ca	nopy Species	Density	Avg. Height	Size	
						Big	Bluestem	Low	Unspecified	Non-Wood	
						R	ed Pine	Trace	Variable	Log	
						Bigto	oth Aspen	Trace	5 - 10 feet	Sapling	
						North	ern Pin Oak	Low	>20 feet	Log	
						Mixed Se	edges/Grasses	Medium	Unspecified	Non-Wood	
						Ja	ck Pine	Low	>20 feet	Pole	
						Cladonia (	Reindeer mos	s) Low	Unspecified	Non-Wood	
						Little	Bluestem	Medium	Unspecified	Non-Wood	
						Qual	ing Aspen	Trace	>20 feet	Pole	
						Bigto	oth Aspen	Low	>20 feet	Pole	
12	42110 - Plar	nted Red P	ine S	awtimb	er We	II 16.5	65	111-140	N/A		Thinned 2019. This stand probably interrupts what probably would've
Ca	nopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	been a larger mixed deciduous stand had it not been planted. See no in stand 10.
Black/R	Red (Hybrid) Oak	5	Pole/Log	8		Pennsy	Ivania Sedge	Medium	Unspecified	Non-Wood	
J	Jack Pine	1	Pole	6		WI	nite Pine	Trace	< 5 feet	Seeding	
ı	Red Pine	94	Log/Pole	10	65	Blueberry/E	ilberry/Cranbe	rry Medium	< 5 feet	Tall Shrub	
					'	North	ern Pin Oak	Trace	< 5 feet	Seeding	
						Bigto	oth Aspen	Low	Variable	Sapling	
								T			
							Beech	Trace	< 5 feet	Seeding	
							erry (spp.)	Trace	< 5 feet < 5 feet	Seeding Tall Shrub	
14	3102	- Grass		Nonsto	ocked		erry (spp.)			Tall Shrub	Probably an old well opening.
14	3102	- Grass		Nonsto	ocked	2.0	erry (spp.)	Trace Immature	< 5 feet	Tall Shrub	
14	3102	- Grass		Nonst	ocked	2.0 <b>Sub-Ca</b>	erry (spp.)	Trace Immature Density	< 5 feet  Managed C	Tall Shrub	Probably an old well opening.
14	3102	- Grass		Nonsto	ocked	2.0  Sub-Ca  Mixed Se	nopy Species	Trace Immature Density	< 5 feet  Managed C  Avg. Height	Tall Shrub	Probably an old well opening.
14	3102	- Grass		Nonsto	ocked	2.0  Sub-Ca  Mixed Se	nopy Species	Trace  Immature  Density  Full	< 5 feet  Managed C  Avg. Height  Unspecified	Tall Shrub Dening Size Non-Wood	Probably an old well opening.
		- Grass spen, Oak	S	Nonsto		2.0  Sub-Ca  Mixed Se  Sw  Spotte	nopy Species edges/Grasses eet Fern d Knapweed	Trace Immature Density Full Low	< 5 feet  Managed C  Avg. Height  Unspecified < 5 feet	Tall Shrub Dening Size Non-Wood Tall Shrub Non-Wood	Probably an old well opening.  There is a good amount of browse on stand margins. The stand is de
15		spen, Oak	S Size Class	apling l		2.0  Sub-Ca  Mixed Se  Sw  Spotte	nopy Species edges/Grasses eet Fern d Knapweed	Trace  Immature  Density  Full  Low  High  Immature	< 5 feet  Managed C  Avg. Height  Unspecified < 5 feet  Unspecified	Tall Shrub Dening Size Non-Wood Tall Shrub Non-Wood	Probably an old well opening.
15 Ca	4131 - A	spen, Oak		apling l	Mediur	2.0 Sub-Ca Mixed Se Sw Spotte  44.3 Sub-Ca	nopy Species edges/Grasses eet Fern d Knapweed	Trace  Immature  Density  Full  Low  High  Immature	< 5 feet  Managed C  Avg. Height  Unspecified < 5 feet  Unspecified  N/A	Tall Shrub Dening Size Non-Wood Tall Shrub Non-Wood	Probably an old well opening.  There is a good amount of browse on stand margins. The stand is de well despite its challenges.
15 Ca Black/R	4131 - A	spen, Oak <b>% Cove</b> r	Size Class	apling l	Mediur	2.0  Sub-Ca Mixed Se Sw Spotte  44.3  Sub-Ca Pennsy	nopy Species edges/Grasses eet Fern d Knapweed 5 nopy Species	Trace  Immature  Density  Full  Low  High  Immature  Density	< 5 feet  Managed C  Avg. Height Unspecified < 5 feet Unspecified  N/A  Avg. Height	Tall Shrub Dening Size Non-Wood Tall Shrub Non-Wood	Probably an old well opening.  There is a good amount of browse on stand margins. The stand is do well despite its challenges.
15 Ca Black/R	4131 - A anopy Species Red (Hybrid) Oak	spen, Oak <b>% Cover</b> 20	Size Class Sapling	apling I	Mediur	2.0  Sub-Ca Mixed Se Sw Spotte  1 44.3  Sub-Ca Pennsy Blackbe	nopy Species edges/Grasses eet Fern d Knapweed 5 nopy Species lvania Sedge	Trace  Immature  Density  Full  Low  High  Immature  Density  Medium	< 5 feet  Managed C  Avg. Height Unspecified < 5 feet Unspecified  N/A  Avg. Height Unspecified	Tall Shrub Dening Size Non-Wood Tall Shrub Non-Wood Size Non-Wood	Probably an old well opening.  There is a good amount of browse on stand margins. The stand is do well despite its challenges.
15 Ca Black/R W	4131 - A anopy Species Red (Hybrid) Oak White Pine	spen, Oak  **Cover* 20 7	Size Class Sapling Sapling	apling I	Mediur	2.0  Sub-Ca  Mixed Se  Sw  Spotte  1 44.3  Sub-Ca  Pennsy  Blackbe	nopy Species edges/Grasses eet Fern d Knapweed  5 nopy Species Ivania Sedge rry/Raspberry	Trace  Immature  Density  Full  Low  High  Immature  Density  Medium  Low	< 5 feet  Managed C  Avg. Height Unspecified < 5 feet Unspecified  N/A  Avg. Height Unspecified < 5 feet	Tall Shrub Dening Size Non-Wood Tall Shrub Non-Wood Size Non-Wood Tall Shrub	Probably an old well opening.  There is a good amount of browse on stand margins. The stand is do well despite its challenges.
15 Ca Black/R W I	4131 - A anopy Species Red (Hybrid) Oak White Pine Red Pine	spen, Oak  **Cover* 20 7 1	Size Class Sapling Sapling Sapling	apling I	Mediur	2.0  Sub-Ca  Mixed Se  Sw  Spotte  1 44.3  Sub-Ca  Pennsy  Blackbe	nopy Species edges/Grasses eet Fern d Knapweed  5 nopy Species lvania Sedge rry/Raspberry ch Hazel	Trace  Immature  Density Full Low High  Immature  Density Medium Low Trace	< 5 feet  Managed C  Avg. Height Unspecified < 5 feet Unspecified  N/A  Avg. Height Unspecified < 5 feet 5 - 10 feet	Tall Shrub Dening Size Non-Wood Tall Shrub Non-Wood Tall Shrub Tall Shrub Tall Shrub Tall Shrub	Probably an old well opening.  There is a good amount of browse on stand margins. The stand is do well despite its challenges.
15 Ca Black/R V I Qua	4131 - Annopy Species Red (Hybrid) Oak White Pine Red Pine aking Aspen	spen, Oak  **Cover 20 7 1 10	Size Class Sapling Sapling Sapling Sapling	apling I  DBH 1 1 1 1 1	Mediur	2.0  Sub-Ca  Mixed Se  Sw  Spotte  1 44.3  Sub-Ca  Pennsy  Blackbe	nopy Species edges/Grasses eet Fern d Knapweed  5 nopy Species lvania Sedge rry/Raspberry ch Hazel	Trace  Immature  Density Full Low High  Immature  Density Medium Low Trace	< 5 feet  Managed C  Avg. Height Unspecified < 5 feet Unspecified  N/A  Avg. Height Unspecified < 5 feet 5 - 10 feet	Tall Shrub Dening Size Non-Wood Tall Shrub Non-Wood Tall Shrub Tall Shrub Tall Shrub Tall Shrub	Probably an old well opening.  There is a good amount of browse on stand margins. The stand is do well despite its challenges.
Ca Black/R W Qua North	4131 - Annopy Species Red (Hybrid) Oak White Pine Red Pine aking Aspen thern Pin Oak	spen, Oak  **Cover 20 7 1 10 10	Size Class Sapling Sapling Sapling Sapling Sapling Sapling Sapling	apling I  DBH  1 1 1 1 1 1 1	Mediur	2.0  Sub-Ca  Mixed Se  Sw  Spotte  1 44.3  Sub-Ca  Pennsy  Blackbe	nopy Species edges/Grasses eet Fern d Knapweed  5 nopy Species lvania Sedge rry/Raspberry ch Hazel	Trace  Immature  Density Full Low High  Immature  Density Medium Low Trace	< 5 feet  Managed C  Avg. Height Unspecified < 5 feet Unspecified  N/A  Avg. Height Unspecified < 5 feet 5 - 10 feet	Tall Shrub Dening Size Non-Wood Tall Shrub Non-Wood Tall Shrub Tall Shrub Tall Shrub Tall Shrub	Probably an old well opening.  There is a good amount of browse on stand margins. The stand is do well despite its challenges.



Stand	Level 4 Co	over Type	s	ize De	nsity	Acres S	tand Age BA	A Range	Managed \$	Site	General Comments
16	4311 - Pine	e, Aspen M	ix Pole	etimbei	r Medi	um 30.9	67	51-80	N/A		A highly variable, patchy stand with generally poor quality trees.
Cano	opy Species	% Cover	Size Class	DBH	I Age	Sub-Cano	py Species	Density	Avg. Height	Size	
Northe	ern Pin Oak	20	Log/Pole	11			e Pine	Low	Variable	Sapling	
Re	ed Pine	15	Log/XLog	14		Blueberry/Bilb	erry/Cranberr	y Medium	< 5 feet	Tall Shrub	
Ja	ack Pine	20	Pole/Log	8	67	Serviceberry	(Juneberry)	Low	10 - 20 feet	Tall Shrub	
Quak	king Aspen	20	Pole/Log	9	67		ges/Grasses	Medium	Unspecified	Non-Wood	
Bigto	ooth Aspen	5	Pole/Log	9		Northern	Pin Oak	Medium	10 - 20 feet	Sapling	
	ed Maple	5	Pole/Log	8		Red	Pine	Trace	5 - 10 feet	Sapling	
Wh	hite Pine	10	Log/Pole	12		Honeysuc	ckle (spp.)	Medium	5 - 10 feet	Tall Shrub	
Blac	ck Cherry	5	Pole	6		Red N	Maple	Trace	Variable	Sapling	
17	622 - Low	vland Shrub		Nonsto	ocked	35.5	In	nmature	No		Tomahawk Creek
						Sub-Cano	py Species	Density	Avg. Height	Size	
						Ald	der	Medium	5 - 10 feet	Tall Shrub	
						Meado	wsweet	Medium	< 5 feet	Tall Shrub	
						Willov	w spp.	Medium	5 - 10 feet	Tall Shrub	
						Mixed Sedg	ges/Grasses	High	Unspecified	Non-Wood	
						0 11			1.1 '(' 1	NIam Manad	
						Catta	il spp.	Low	Unspecified	Non-Wood	
							il spp. Pine	Low	Variable	Sapling	
<b>18</b> 419	99 - Other Mixed	d Upland D	eciduous Sa	apling N	Mediur	Jack			•		Scattered log size northern pin oak and pole-log quaking aspen
	99 - Other Mixed	•	eciduous Sa	1 0	Mediur	Jack n 35.0	Pine	Low	Variable		especially in the north. Brushy. Ugly stand. The center is nicer, with
Cano		•		1 0		Jack n 35.0	Pine 16 py Species	Low 1-50	Variable N/A	Sapling	especially in the north. Brushy. Ugly stand. The center is nicer, with mainly scrub oak, jack pine, and red maple but very dense invasive
Cand	opy Species	% Cover	Size Class	DBH		Jack n 35.0 Sub-Cano	16 ppy Species ckle (spp.)	1-50 Density	Variable  N/A  Avg. Height	Sapling	especially in the north. Brushy. Ugly stand. The center is nicer, with mainly scrub oak, jack pine, and red maple but very dense invasive
Cand Jac Northe	ack Pine	<b>% Cover</b>	Size Class Sapling	<b>DB</b> H	I Age	Jack n 35.0 Sub-Cano Honeysuc	16 ppy Species ckle (spp.)	1-50  Density  High	Variable  N/A  Avg. Height 5 - 10 feet	Sapling  Size  Tall Shrub	especially in the north. Brushy. Ugly stand. The center is nicer, with mainly scrub oak, jack pine, and red maple but very dense invasive
Cano Jac Northe	ack Pine ern Pin Oak	% Cover 10 28	Size Class Sapling Sapling	<b>DBH</b> 2 2	I Age	Jack n 35.0 Sub-Cano Honeysud Hawthol Mixed Sedg	16 ppy Species ckle (spp.) rn (spp.)	1-50  Density  High Low	N/A  Avg. Height 5 - 10 feet 5 - 10 feet	Size Tall Shrub Tall Shrub	especially in the north. Brushy. Ugly stand. The center is nicer, with mainly scrub oak, jack pine, and red maple but very dense invasive
Cand Jac Northe Re	ack Pine ern Pin Oak	% Cover 10 28 2	Size Class Sapling Sapling Sapling/Pole	<b>DBH</b> 2 2 4	I Age	Jack n 35.0 Sub-Cano Honeysud Hawthol Mixed Sedg	Pine  16  ppy Species ckle (spp.) rn (spp.) ges/Grasses n Olive	1-50  Density  High Low Medium	N/A  Avg. Height 5 - 10 feet 5 - 10 feet Unspecified	Size Tall Shrub Tall Shrub Non-Wood	especially in the north. Brushy. Ugly stand. The center is nicer, with mainly scrub oak, jack pine, and red maple but very dense invasive
Cand Jac Northe Re	ack Pine ern Pin Oak ed Pine hite Pine	% Cover 10 28 2 5	Size Class Sapling Sapling Sapling/Pole Pole/Sapling	2 2 4 6	I Age	Jack n 35.0 Sub-Cano Honeysuc Hawthor Mixed Sedg	Pine  16  ppy Species ckle (spp.) rn (spp.) ges/Grasses n Olive y (Juneberry)	1-50  Density High Low Medium Trace	N/A  Avg. Height 5 - 10 feet 5 - 10 feet Unspecified 5 - 10 feet	Size Tall Shrub Non-Wood Tall Shrub	especially in the north. Brushy. Ugly stand. The center is nicer, with mainly scrub oak, jack pine, and red maple but very dense invasive
Cand Jai Northe Re Wh	eropy Species ack Pine ern Pin Oak ded Pine hite Pine ed Maple	% Cover 10 28 2 5 27	Size Class Sapling Sapling Sapling/Pole Pole/Sapling Sapling/Pole	DBH 2 2 4 6 3	I Age	Jack n 35.0 Sub-Cano Honeysuc Hawthor Mixed Sedg Autumn Serviceberry	Pine  16  ppy Species ckle (spp.) rn (spp.) ges/Grasses n Olive y (Juneberry)	Low  1-50  Density  High Low  Medium Trace Low	N/A  Avg. Height 5 - 10 feet 5 - 10 feet Unspecified 5 - 10 feet 5 - 10 feet	Size Tall Shrub Non-Wood Tall Shrub Tall Shrub	especially in the north. Brushy. Ugly stand. The center is nicer, with mainly scrub oak, jack pine, and red maple but very dense invasive
Cand Jai Northe Re Wh Rei Wh Quak	ack Pine ern Pin Oak ded Pine hite Pine ed Maple hite Oak	% Cover  10 28 2 5 27 5	Size Class Sapling Sapling Sapling/Pole Pole/Sapling Sapling/Pole Sapling	2 2 4 6 3	16	Jack n 35.0 Sub-Cano Honeysuc Hawthor Mixed Sedg Autumn Serviceberry	Pine  16  ppy Species ckle (spp.) rn (spp.) ges/Grasses n Olive y (Juneberry)	Low  1-50  Density  High Low  Medium Trace Low	N/A  Avg. Height 5 - 10 feet 5 - 10 feet Unspecified 5 - 10 feet 5 - 10 feet	Size Tall Shrub Non-Wood Tall Shrub Tall Shrub	especially in the north. Brushy. Ugly stand. The center is nicer, with mainly scrub oak, jack pine, and red maple but very dense invasive
Cand Jac Northee Re Wh Rec Wh Quak	eropy Species  ack Pine  ern Pin Oak  ded Pine  hite Pine  ed Maple  chite Oak  king Aspen	% Cover  10 28 2 5 27 5 15	Size Class Sapling Sapling Sapling/Pole Pole/Sapling Sapling/Pole Sapling Sapling	DBH 2 2 4 6 3 3 3 3	16	Jack n 35.0 Sub-Cano Honeysuc Hawthor Mixed Sedg Autumn Serviceberry	Pine  16  ppy Species ckle (spp.) rn (spp.) ges/Grasses n Olive y (Juneberry)	Low  1-50  Density  High Low  Medium Trace Low	N/A  Avg. Height 5 - 10 feet 5 - 10 feet Unspecified 5 - 10 feet 5 - 10 feet	Size Tall Shrub Non-Wood Tall Shrub Tall Shrub	especially in the north. Brushy. Ugly stand. The center is nicer, with mainly scrub oak, jack pine, and red maple but very dense invasive
Cand Jac Northee Re Wh Rec Wh Quak	eropy Species ack Pine ern Pin Oak led Pine hite Pine ed Maple hite Oak king Aspen ck Cherry	% Cover  10 28 2 5 27 5 15 7 1	Size Class Sapling Sapling Sapling/Pole Pole/Sapling Sapling/Pole Sapling Sapling Sapling Sapling Sapling Sapling	DBH 2 2 4 6 3 3 3 3 3 3	16 16	Jack n 35.0 Sub-Cano Honeysuc Hawthor Mixed Sedg Autumn Serviceberry	Pine  16  ppy Species ckle (spp.) rn (spp.) ges/Grasses n Olive / (Juneberry) et Fern	Low  1-50  Density  High Low  Medium Trace Low	N/A  Avg. Height 5 - 10 feet 5 - 10 feet Unspecified 5 - 10 feet 5 - 10 feet	Size Tall Shrub Non-Wood Tall Shrub Tall Shrub	especially in the north. Brushy. Ugly stand. The center is nicer, with mainly scrub oak, jack pine, and red maple but very dense invasive
Cand Jac Northe Re Wh Rec Wr Quak Blace	eropy Species ack Pine ern Pin Oak eed Pine hite Pine ed Maple hite Oak king Aspen ck Cherry both Aspen	% Cover  10 28 2 5 27 5 15 7 1	Size Class Sapling Sapling Sapling/Pole Pole/Sapling Sapling/Pole Sapling Sapling Sapling Sapling Sapling Sapling	DBH 2 2 4 6 3 3 3 3 2 2	16 16	Jack n 35.0  Sub-Cano Honeysuc Hawthor Mixed Sedg Autumn Serviceberry Swee	Pine  16  ppy Species ckle (spp.) rn (spp.) ges/Grasses n Olive / (Juneberry) et Fern	Low  1-50  Density High Low Medium Trace Low Medium	Variable  N/A  Avg. Height  5 - 10 feet  5 - 10 feet  Unspecified  5 - 10 feet  5 - 10 feet  < 5 feet	Size Tall Shrub Non-Wood Tall Shrub Tall Shrub	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.
Cand Jac Northe Re Wh Rec Wr Quak Blace	eropy Species ack Pine ern Pin Oak eed Pine hite Pine ed Maple hite Oak king Aspen ck Cherry both Aspen	% Cover  10 28 2 5 27 5 15 7 1	Size Class Sapling Sapling Sapling/Pole Pole/Sapling Sapling/Pole Sapling Sapling Sapling Sapling Sapling Sapling	DBH 2 2 4 6 3 3 3 3 2 2	16 16	Jack n 35.0 Sub-Cano Honeysuc Hawthor Mixed Sedg Autumn Serviceberry Swee	Pine  16  ppy Species ckle (spp.) rn (spp.) ges/Grasses n Olive y (Juneberry) et Fern	Low  1-50  Density High Low Medium Trace Low Medium	Variable  N/A  Avg. Height  5 - 10 feet  5 - 10 feet  Unspecified  5 - 10 feet  5 - 10 feet  < 5 feet  No	Size Tall Shrub Non-Wood Tall Shrub Tall Shrub Tall Shrub Tall Shrub	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.  Powerline right of way.
Cand Jac Northe Re Wh Rec Wr Quak Blace	eropy Species ack Pine ern Pin Oak eed Pine hite Pine ed Maple hite Oak king Aspen ck Cherry both Aspen	% Cover  10 28 2 5 27 5 15 7 1	Size Class Sapling Sapling Sapling/Pole Pole/Sapling Sapling/Pole Sapling Sapling Sapling Sapling Sapling Sapling	DBH 2 2 4 6 3 3 3 3 2 2	16 16	Jack n 35.0 Sub-Cano Honeysuc Hawthor Mixed Sedg Autumn Serviceberry Swee	Pine  16  ppy Species ckle (spp.) rrn (spp.) ges/Grasses n Olive / (Juneberry) et Fern  In ppy Species uestem	Low  1-50  Density High Low Medium Trace Low Medium  Medium  Density	Variable  N/A  Avg. Height  5 - 10 feet  5 - 10 feet  Unspecified  5 - 10 feet  5 - 10 feet  < 5 feet  No  Avg. Height	Size Tall Shrub Non-Wood Tall Shrub Tall Shrub Tall Shrub Tall Shrub	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.  Powerline right of way.
Cand Jac Northe Re Wh Rec Wr Quak Blace	eropy Species ack Pine ern Pin Oak eed Pine hite Pine ed Maple hite Oak king Aspen ck Cherry both Aspen	% Cover  10 28 2 5 27 5 15 7 1	Size Class Sapling Sapling Sapling/Pole Pole/Sapling Sapling/Pole Sapling Sapling Sapling Sapling Sapling Sapling	DBH 2 2 4 6 3 3 3 3 2 2	16 16	Jack n 35.0  Sub-Cano Honeysuc Hawthor Mixed Sedg Autum Serviceberry Swee  23.1  Sub-Cano Big Blu Swee	Pine  16  ppy Species ckle (spp.) rrn (spp.) ges/Grasses n Olive / (Juneberry) et Fern  In ppy Species uestem	Low  1-50  Density High Low Medium Trace Low Medium  Medium  Trace Low Medium  Trace Low Trace Low Trace Trace Trace	Variable  N/A  Avg. Height  5 - 10 feet  5 - 10 feet  Unspecified  5 - 10 feet  5 - 10 feet  < 5 feet  No  Avg. Height  Unspecified	Sapling  Size  Tall Shrub  Non-Wood  Tall Shrub  Tall Shrub  Tall Shrub  Tall Shrub	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.  Powerline right of way.
Cand Jac Northe Re Wh Rec Wr Quak Blace	eropy Species ack Pine ern Pin Oak eed Pine hite Pine ed Maple hite Oak king Aspen ck Cherry both Aspen	% Cover  10 28 2 5 27 5 15 7 1	Size Class Sapling Sapling Sapling/Pole Pole/Sapling Sapling/Pole Sapling Sapling Sapling Sapling Sapling Sapling	DBH 2 2 4 6 3 3 3 3 2 2	16 16	Jack n 35.0  Sub-Cano Honeysuc Hawthor Mixed Sedg Autum Serviceberry Swee  23.1  Sub-Cano Big Blu Swee	Pine  16  ppy Species ckle (spp.) rn (spp.) ges/Grasses n Olive / (Juneberry) at Fern  In ppy Species uestem at Fern Pine	Low  1-50  Density High Low Medium Trace Low Medium  Trace Low Medium  Trace Low Medium	Variable  N/A  Avg. Height  5 - 10 feet  5 - 10 feet  Unspecified  5 - 10 feet  5 - 10 feet  < 5 feet  No  Avg. Height  Unspecified  < 5 feet  5 - 10 feet	Size Tall Shrub Non-Wood Tall Shrub Tall Shrub Tall Shrub Tall Shrub Tall Shrub Tall Shrub	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.  Powerline right of way.
Cand Jac Northe Re Wh Rec Wr Quak Blace	eropy Species ack Pine ern Pin Oak eed Pine hite Pine ed Maple hite Oak king Aspen ck Cherry both Aspen	% Cover  10 28 2 5 27 5 15 7 1	Size Class Sapling Sapling Sapling/Pole Pole/Sapling Sapling/Pole Sapling Sapling Sapling Sapling Sapling Sapling	DBH 2 2 4 6 3 3 3 3 2 2	16 16	Jack n 35.0  Sub-Cano Honeysuc Hawthor Mixed Sedg Autum Serviceberry Swee  23.1  Sub-Cano Big Blu Swee Red	Pine  16  ppy Species ckle (spp.) rn (spp.) ges/Grasses n Olive / (Juneberry) et Fern  In ppy Species uestem et Fern Pine ges/Grasses	Low  1-50  Density High Low Medium Trace Low Medium  Trace Low Medium  Trace Medium  Trace	Variable  N/A  Avg. Height  5 - 10 feet  5 - 10 feet  Unspecified  5 - 10 feet  5 - 10 feet  < 5 feet  No  Avg. Height  Unspecified  < 5 feet  Unspecified  Unspecified  Unspecified  Unspecified  Unspecified	Size Tall Shrub	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.  Powerline right of way.
Cand Jac Northe Re Wh Rec Wr Quak Blace	eropy Species ack Pine ern Pin Oak eed Pine hite Pine ed Maple hite Oak king Aspen ck Cherry both Aspen	% Cover  10 28 2 5 27 5 15 7 1	Size Class Sapling Sapling Sapling/Pole Pole/Sapling Sapling/Pole Sapling Sapling Sapling Sapling Sapling Sapling	DBH 2 2 4 6 3 3 3 3 2 2	16 16	Jack n 35.0  Sub-Cano Honeysuc Hawthor Mixed Sedg Autum Serviceberry Swee  23.1  Sub-Cano Big Blu Swee Red Mixed Sedg	Pine  16  ppy Species ckle (spp.) rn (spp.) ges/Grasses n Olive y (Juneberry) et Fern  In ppy Species uestem et Fern Pine ges/Grasses luestem	Low  1-50  Density High Low Medium Trace Low Medium  Medium  Trace Low Medium  Trace Full	Variable  N/A  Avg. Height  5 - 10 feet  5 - 10 feet  Unspecified  5 - 10 feet  5 - 10 feet  < 5 feet  No  Avg. Height  Unspecified  < 5 feet  Unspecified  Unspecified  Unspecified  Unspecified  Unspecified	Sapling  Size  Tall Shrub  Non-Wood  Tall Shrub  Tall Shrub  Tall Shrub  Size  Non-Wood  Tall Shrub  Size  Non-Wood  Tall Shrub  Non-Wood  Tall Shrub	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.  Powerline right of way.

Report 7 - Stands Compartment: 119 Year of Entry: 2026

Seeding



Stand Level 4 Co	over Type	S	ize De	ensity	Acres Stand Age B	A Range	Managed	Site	General Comments
<b>20</b> 4139 - Aspen, I	Mixed Deci	duous	Saplin	g Well	33.5 14	Immature	N/A		Portions of the stand near the old landing in the north are dense with
Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Canopy Species	Density	Avg. Height	Size	invasive honeysuckle.
Red Pine	5	Pole/Sapling	5		Honeysuckle (spp.)	Low	5 - 10 feet	Tall Shrub	
Red Maple	5	Sapling	2		Pennsylvania Sedge	Medium	Unspecified	Non-Wood	
Bigtooth Aspen	33	Sapling	2	14	Big Bluestem	Low	Unspecified	Non-Wood	
Quaking Aspen	25	Sapling	2		Sweet Fern	Low	< 5 feet	Tall Shrub	
Jack Pine	2	Sapling	2		Alder	Trace	5 - 10 feet	Tall Shrub	
Northern Pin Oak	15	Sapling/Pole	3		Serviceberry (Juneberry)	) Low	5 - 10 feet	Tall Shrub	
White Pine	8	Sapling/Pole	4		Hawthorn (spp.)	Trace	5 - 10 feet	Tall Shrub	
Choke Cherry	5	Sapling	3		Blueberry/Bilberry/Cranbe	rry Medium	< 5 feet	Tall Shrub	
Balsam Fir	2	Sapling/Pole	4		Hazelnut (Beaked)	Trace	5 - 10 feet	Tall Shrub	
Canopy Species		Size Class	_	l Age	Sub-Canopy Species		Avg. Height	Size	at least a moderate stocking.
Choke Cherry	5	Sapling	1	. Agc	Blueberry/Bilberry/Cranbe		< 5 feet	Tall Shrub	
Black/Red (Hybrid) Oak	33	Sapling	3	17	Blackberry/Raspberry	Low	< 5 feet	Tall Shrub	
Balsam Poplar	1	Sapling	2	17	Witch Hazel	Trace	5 - 10 feet	Tall Shrub	
Northern Pin Oak	15	Sapling	3	17	Hawthorn (spp.)	Trace	5 - 10 feet	Tall Shrub	
Red Maple	13	Sapling	2		Honeysuckle (spp.)	Trace	5 - 10 feet	Tall Shrub	
Quaking Aspen	5	Sapling	3						
White Pine	15	Sapling	3						
Jack Pine	2	Sapling	2						
Bigtooth Aspen	8	Sapling	2	17					
White Oak	3	Sapling	1						
<b>22</b> 4131 - A	spen, Oak	Sa	apling	Mediun	n 50.7 6	Immature	N/A		Heavy browse to maple, often mowed to under 3'. Nice patch of natur
Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Canopy Species	Density	Avg. Height	Size	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 pressu
Black/Red (Hybrid) Oak	25	Sapling	1	6	White Pine	Trace	< 5 feet	Seeding	on oak seems to have been given a reprieve. It may be because of the
White Pine	5	Sapling	1		Sweet Fern	Low	< 5 feet	Tall Shrub	large clear cut to the north drawing browse pressure away. There may
Black Cherry	5	Sapling	1	6	Blueberry/Bilberry/Cranber	rrv Hiah	< 5 feet	Tall Shrub	be more free to grow oak than expected in the future.

High

Medium

< 5 feet

Blueberry/Bilberry/Cranberry

Red Maple

Black Cherry

Red Pine

Bigtooth Aspen

Red Maple

2

58

5

Sapling

Sapling

Sapling

Sapling

6

1

1

1

Report 7 - Stands



Stand	Level 4 Co	over Type		Size Density Acres Sta		Acres Stand A	res Stand Age BA Range Managed Site			General Comments	GAN .
23	3102	- Grass		Nonst	ocked	4.0	Immature	Managed C	pening	Invasive honeysuckle in north.	
						Sub-Canopy Spo	ecies Density	Avg. Height	Size		
						Jack Pine	Low	>20 feet	Sapling		
						Sweet Fern	Medium	< 5 feet	Tall Shrub		
						Honeysuckle (sp	pp.) Low	5 - 10 feet	Tall Shrub		
						Mixed Sedges/Gra	sses Medium	Unspecified	Non-Wood		
						Cherry (spp.)	Trace	10 - 20 feet	Tall Shrub		
						Big Bluestem	Medium	Unspecified	Non-Wood		
						Little Bluester	n Low	Unspecified	Non-Wood		
24	42210 - Nat	ural Red P	ine	Sawtimb	er We	II 3.1 84	111-140	N/A		Area retention for the harvest in stand 31, soon to be replanted.	
С	Canopy Species	% Cover	Size Class	DBI	H Age	Sub-Canopy Spo	ecies Density	Avg. Height	Size		
	Jack Pine	20	Pole	9		Northern Pin O	ak Medium	5 - 10 feet	Sapling		
	Red Pine	80	Log	12	84	Red Pine	Trace	< 5 feet	Seeding		
						White Pine	Trace	5 - 10 feet	Sapling		
						Beech	Trace	>20 feet	Sapling		
						Balsam Fir	Trace	>20 feet	Sapling		
						White Oak	Trace	10 - 20 feet	Sapling		
						White Oak Red Maple	Trace Trace	10 - 20 feet >20 feet	Sapling Sapling		
25	42111 - Planted Deci	duous		Poletiml		Red Maple II 7.9 34	81-110		Sapling		
			Size Class	DBI	oer We	Red Maple  II 7.9 34  Sub-Canopy Spe	81-110	>20 feet N/A Avg. Height	Sapling		
C	Deci Canopy Species Quaking Aspen	duous  Cover  5	Size Class Pole/Sapling	<b>DBI</b>		Red Maple  11 7.9 34  Sub-Canopy Spering Huckleberry	81-110 Pocies Density Low	>20 feet N/A	Sapling  Size  Tall Shrub		
Q	Deci Canopy Species Quaking Aspen Jack Pine	duous % Cover	Size Class Pole/Sapling	<b>DBI</b> g 5 g 6		Red Maple  7.9 34  Sub-Canopy Spe Huckleberry Hawthorn (spp	81-110  Cocies Density  Low Trace	>20 feet  N/A  Avg. Height  < 5 feet  Variable	Size Tall Shrub Tall Shrub		
Q	Deci Canopy Species Quaking Aspen Jack Pine Red Maple	duous  **Cover 5 8 5 5	Size Class Pole/Sapling Pole/Sapling Sapling/Pole	<b>DBI</b> g 5 g 6 e 4		Red Maple  7.9 34  Sub-Canopy Spo Huckleberry Hawthorn (spp Cherry (spp.)	81-110  Pecies Density  Low  Trace  Low	>20 feet  N/A  Avg. Height  < 5 feet  Variable  Variable	Size Tall Shrub Tall Shrub		
Q	Deci Canopy Species Quaking Aspen Jack Pine Red Maple orthern Pin Oak	duous  Cover  5 8 5 5 5	Size Class Pole/Sapling Pole/Sapling/Pole Sapling/Pole	DBI  g 5  g 6  e 4  e 4	H Age	Red Maple  7.9 34  Sub-Canopy Spe Huckleberry Hawthorn (spp	81-110  Pecies Density Low .) Trace Low op.) Low	>20 feet  N/A  Avg. Height  < 5 feet  Variable	Size Tall Shrub Tall Shrub		
Q	Deci Canopy Species Quaking Aspen Jack Pine Red Maple	% Cover 5 8 5 5 72	Size Class Pole/Sapling Pole/Sapling/Pole Sapling/Pole Pole/Sapling	DBI g 5 g 6 e 4 e 4 g 6		Red Maple  7.9 34  Sub-Canopy Spo Huckleberry Hawthorn (spp Cherry (spp.)	81-110  Pecies Density  Low  Trace  Low  pp.) Low	>20 feet  N/A  Avg. Height  < 5 feet  Variable  Variable	Size Tall Shrub Tall Shrub		
Q No	Deci Canopy Species Quaking Aspen Jack Pine Red Maple orthern Pin Oak	duous  Cover  5 8 5 5 5	Size Class Pole/Sapling Pole/Sapling/Pole Sapling/Pole	DBI g 5 g 6 e 4 e 4 g 6	H Age	Red Maple  7.9 34  Sub-Canopy Sport Huckleberry Hawthorn (sppt Cherry (spp.) Honeysuckle (sp	81-110  Pecies Density Low .) Trace Low op.) Low	>20 feet  N/A  Avg. Height  < 5 feet  Variable  Variable  < 5 feet	Size Tall Shrub Tall Shrub Tall Shrub Tall Shrub		
Q No	Canopy Species Quaking Aspen Jack Pine Red Maple Orthern Pin Oak Red Pine Bigtooth Aspen	% Cover 5 8 5 5 72	Size Class Pole/Sapling Pole/Sapling/Pole Sapling/Pole Pole/Sapling	DBI g 5 g 6 e 4 e 4 g 6	H Age	Red Maple  7.9 34  Sub-Canopy Sport Huckleberry Hawthorn (sppt Cherry (spp.) Honeysuckle (sp	81-110  Pecies Density Low .) Trace Low op.) Low	>20 feet  N/A  Avg. Height  < 5 feet  Variable  Variable  < 5 feet	Size Tall Shrub Tall Shrub Tall Shrub Tall Shrub		_
Q No	Canopy Species Quaking Aspen Jack Pine Red Maple Orthern Pin Oak Red Pine Bigtooth Aspen	## duous  ## Cover    5	Size Class Pole/Sapling Pole/Sapling/Pole Sapling/Pole Pole/Sapling	DBI g 5 g 6 e 4 e 4 g 6 e 4	H Age	Red Maple  7.9 34  Sub-Canopy Sport Huckleberry Hawthorn (sppt Cherry (sppt.) Honeysuckle (sp	81-110  Pocies Density Low Density Low Density Low Density Trace Low Density Trace Low Density	>20 feet  N/A  Avg. Height  < 5 feet  Variable  Variable  < 5 feet  10 - 20 feet	Size Tall Shrub Tall Shrub Tall Shrub Tall Shrub		
Q No	Canopy Species Quaking Aspen Jack Pine Red Maple Orthern Pin Oak Red Pine Bigtooth Aspen	## duous  ## Cover    5	Size Class Pole/Sapling Pole/Sapling/Pole Sapling/Pole Pole/Sapling	DBI g 5 g 6 e 4 e 4 g 6 e 4	H Age	Red Maple  7.9 34  Sub-Canopy Sport Huckleberry Hawthorn (sppt Cherry (spp.) Honeysuckle (sprt) Serviceberry (June)  2.0	81-110  Pecies Density Low Density Low Density Trace Low Density Density Density Density	>20 feet  N/A  Avg. Height < 5 feet  Variable  Variable < 5 feet  10 - 20 feet	Sapling  Size  Tall Shrub  Tall Shrub  Tall Shrub  Tall Shrub		
Q No	Canopy Species Quaking Aspen Jack Pine Red Maple Orthern Pin Oak Red Pine Bigtooth Aspen	## duous  ## Cover    5	Size Class Pole/Sapling Pole/Sapling/Pole Sapling/Pole Pole/Sapling	DBI g 5 g 6 e 4 e 4 g 6 e 4	H Age	Red Maple  7.9 34  Sub-Canopy Sport Huckleberry Hawthorn (sppy Cherry (spp.) Honeysuckle (spyy) Serviceberry (June)  2.0  Sub-Canopy Sport	81-110  Recies Density Low Density Low Density Low Density	>20 feet  N/A  Avg. Height  < 5 feet  Variable  Variable  < 5 feet  10 - 20 feet  No  Avg. Height	Size Tall Shrub Tall Shrub Tall Shrub Tall Shrub Tall Shrub		
Q No	Canopy Species Quaking Aspen Jack Pine Red Maple Orthern Pin Oak Red Pine Bigtooth Aspen	## duous  ## Cover    5	Size Class Pole/Sapling Pole/Sapling/Pole Sapling/Pole Pole/Sapling	DBI g 5 g 6 e 4 e 4 g 6 e 4	H Age	Red Maple  7.9 34  Sub-Canopy Sport Huckleberry Hawthorn (sppt Cherry (sppt.) Honeysuckle (spt.) Serviceberry (June)  2.0  Sub-Canopy Sport Bigtooth Aspe	81-110  Recies Density Low Density Low Density Low Density Density Density Density Low Medium	>20 feet  N/A  Avg. Height  < 5 feet  Variable  < 5 feet  10 - 20 feet  No  Avg. Height  < 5 feet	Size Tall Shrub Tall Shrub Tall Shrub Tall Shrub Tall Shrub Size Seeding		
Q No	Canopy Species Quaking Aspen Jack Pine Red Maple Orthern Pin Oak Red Pine Bigtooth Aspen	## duous  ## Cover    5	Size Class Pole/Sapling Pole/Sapling/Pole Sapling/Pole Pole/Sapling	DBI g 5 g 6 e 4 e 4 g 6 e 4	H Age	Red Maple  7.9 34  Sub-Canopy Spond Huckleberry Hawthorn (sppnorm) Cherry (sppnorm) Honeysuckle (sppnorm) Serviceberry (June)  2.0  Sub-Canopy Spond Bigtooth Aspending Bluestern	81-110  Recies Density Low Density Low Density Low Density Den	>20 feet  N/A  Avg. Height < 5 feet  Variable < 5 feet  10 - 20 feet  No  Avg. Height < 5 feet  Unspecified	Size Tall Shrub Tall Shrub Tall Shrub Tall Shrub Tall Shrub Size Seeding Non-Wood		
Q No	Canopy Species Quaking Aspen Jack Pine Red Maple Orthern Pin Oak Red Pine Bigtooth Aspen	## duous  ## Cover    5	Size Class Pole/Sapling Pole/Sapling/Pole Sapling/Pole Pole/Sapling	DBI g 5 g 6 e 4 e 4 g 6 e 4	H Age	Red Maple  7.9 34  Sub-Canopy Spe Huckleberry Hawthorn (spp Cherry (spp.) Honeysuckle (sp Serviceberry (June)  2.0  Sub-Canopy Spe Bigtooth Aspe Big Bluestem Mixed Sedges/Gra	81-110  Recies Density Low Density Low Density Low Density Den	>20 feet  N/A  Avg. Height < 5 feet  Variable < 5 feet  10 - 20 feet  No  Avg. Height < 5 feet  Unspecified  Unspecified	Sapling  Size Tall Shrub Tall Shrub Tall Shrub Tall Shrub Size Seeding Non-Wood Non-Wood		

Report 7 - Stands



Stand	d Level 4 Co	over Type	S	ize De	nsity	Acres Stand	Age BA	Range	Managed S	Site	General Comments
27	4199 - Other Mixe	d Upland D	eciduous Sa	awtimb	er Well	53.7 107	8	31-110	N/A		
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Canopy Sp	oecies	Density	Avg. Height	Size	
	Quaking Aspen	5	Log/Pole	10		Bigtooth Aspe	en	Low	Variable	Sapling	
	White Pine	3	Pole/Log	8		White Pine	)	Low	5 - 10 feet	Seeding	
	Jack Pine	2	Pole	7		Serviceberry (Jun	eberry)	Trace	5 - 10 feet	Tall Shrub	
1	Northern Pin Oak	20	Log/Pole	12	100	Jack Pine		Low	Variable	Sapling	
	Red Pine	5	Log	13		Cherry (spp.	.)	Low	5 - 10 feet	Tall Shrub	
	Red Maple	15	Pole/Log	8		Northern Pin C	Dak	Low	10 - 20 feet	Sapling	
	Bigtooth Aspen	20	Log/Pole	11	60	Red Maple	;	Medium	Variable	Sapling	
Bla	ack/Red (Hybrid) Oak	30	Log	13	107	Hawthorn (sp	p.)	Trace	5 - 10 feet	Tall Shrub	
28	122 - Road	d/Parking L	ot I	Nonsto	ocked	10.2	Uns	specified	No		CR-634, native surface and gravel, grassy shoulders with saplings.
						Sub-Canopy Sp	oecies	Density	Avg. Height	Size	
						Northern Pin C	Dak	Low	Variable	Sapling	
										NI AA/ I	
						Mixed Sedges/Gr	rasses	Medium	Unspecified	Non-Wood	
29	4191 - Mixed Upla Co	and Decidu	ous with \$	Sapling	) Poor	Mixed Sedges/Gr 12.3 22		Medium 1-50	Unspecified N/A	Non-vvood	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
29		nifer	ous with S		Poor Age				·	Size	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
29	Co	nifer				12.3 22	oecies	1-50	N/A		least an area with few large-crowned trees. Cut stumps of sapling red
29	Canopy Species	nifer % Cover	Size Class	DBH		12.3 22 Sub-Canopy Sp	pecies rasses	1-50 Density	N/A Avg. Height	Size	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,
29	Canopy Species White Pine	% Cover	Size Class Pole/Sap/Log	<b>DB</b> H 7	I Age	12.3 22  Sub-Canopy Sp  Mixed Sedges/Gr	pecies rasses	1-50  Density  High	N/A  Avg. Height  Unspecified	Size Non-Wood	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,
	Canopy Species White Pine Red Maple	% <b>Cover</b> 10 20	Size Class Pole/Sap/Log Sapling/Pole	<b>DBH</b> 7 4	I Age	12.3 22  Sub-Canopy Sp Mixed Sedges/Gr White Pine	pecies rasses	1-50  Density  High Low	N/A  Avg. Height  Unspecified  10 - 20 feet	Size Non-Wood Sapling	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,
	Canopy Species White Pine Red Maple Quaking Aspen	% Cover 10 20 15	Size Class Pole/Sap/Log Sapling/Pole Sapling/Pole	<b>DBH</b> 7 4 4	Age 22	12.3 22  Sub-Canopy Sp Mixed Sedges/Gr White Pine Honeysuckle (s	pecies rasses spp.)	1-50  Density  High  Low  High	N/A  Avg. Height Unspecified 10 - 20 feet 5 - 10 feet	Size Non-Wood Sapling Tall Shrub	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,
29	Concord Concord Canopy Species White Pine Red Maple Quaking Aspen Northern Pin Oak	% Cover 10 20 15 40 10	Size Class Pole/Sap/Log Sapling/Pole Sapling/Pole Sapling/Pole Sapling	7 4 4 4	22 22	12.3 22  Sub-Canopy Sp Mixed Sedges/Gr White Pine Honeysuckle (s Hawthorn (sp	pecies rasses spp.) pp.)	1-50  Density High Low High Low	N/A  Avg. Height Unspecified 10 - 20 feet 5 - 10 feet 5 - 10 feet	Size Non-Wood Sapling Tall Shrub Tall Shrub	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,
1	Co Canopy Species White Pine Red Maple Quaking Aspen Northern Pin Oak Jack Pine	% Cover 10 20 15 40 10	Size Class Pole/Sap/Log Sapling/Pole Sapling/Pole Sapling/Pole Sapling	DBH 7 4 4 4 2	22 22	12.3 22  Sub-Canopy Sp Mixed Sedges/Gr White Pine Honeysuckle (s Hawthorn (sp Serviceberry (June	pecies rasses spp.) p.) eberry)	1-50  Density High Low High Low Low	N/A  Avg. Height Unspecified 10 - 20 feet 5 - 10 feet 5 - 10 feet 10 - 20 feet Managed O  Avg. Height	Size Non-Wood Sapling Tall Shrub Tall Shrub Tall Shrub pening Size	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.
1	Co Canopy Species White Pine Red Maple Quaking Aspen Northern Pin Oak Jack Pine	% Cover 10 20 15 40 10	Size Class Pole/Sap/Log Sapling/Pole Sapling/Pole Sapling/Pole Sapling	DBH 7 4 4 4 2	22 22	12.3 22  Sub-Canopy Sp Mixed Sedges/Gr White Pine Honeysuckle (s Hawthorn (sp Serviceberry (June 2.1	pecies rasses spp.) p.) eberry) Uns	1-50  Density High Low High Low Low Specified	N/A  Avg. Height Unspecified 10 - 20 feet 5 - 10 feet 5 - 10 feet 10 - 20 feet Managed O	Size Non-Wood Sapling Tall Shrub Tall Shrub Tall Shrub	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.
1	Co Canopy Species White Pine Red Maple Quaking Aspen Northern Pin Oak Jack Pine	% Cover 10 20 15 40 10	Size Class Pole/Sap/Log Sapling/Pole Sapling/Pole Sapling/Pole Sapling	DBH 7 4 4 4 2	22 22	Sub-Canopy Sp Mixed Sedges/Gr White Pine Honeysuckle (s Hawthorn (sp Serviceberry (June 2.1 Sub-Canopy Sp White Pine Cherry (spp.	pecies rasses spp.) p.) eberry) Uns pecies	1-50  Density High Low High Low Low  Specified  Density  Trace Low	N/A  Avg. Height Unspecified 10 - 20 feet 5 - 10 feet 5 - 10 feet 10 - 20 feet  Managed O  Avg. Height >20 feet 10 - 20 feet	Size Non-Wood Sapling Tall Shrub Tall Shrub Tall Shrub pening Size Sapling Tall Shrub	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.
1	Canopy Species White Pine Red Maple Quaking Aspen Northern Pin Oak Jack Pine	% Cover 10 20 15 40 10	Size Class Pole/Sap/Log Sapling/Pole Sapling/Pole Sapling/Pole Sapling	DBH 7 4 4 4 2	22 22	Sub-Canopy Sp Mixed Sedges/Gr White Pine Honeysuckle (s Hawthorn (sp Serviceberry (June 2.1 Sub-Canopy Sp White Pine	pecies rasses spp.) p.) eberry) Uns pecies	1-50  Density High Low High Low Low Density Trace	N/A  Avg. Height Unspecified 10 - 20 feet 5 - 10 feet 5 - 10 feet 10 - 20 feet  Managed O  Avg. Height >20 feet	Size Non-Wood Sapling Tall Shrub Tall Shrub Tall Shrub pening Size Sapling	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.
1	Canopy Species White Pine Red Maple Quaking Aspen Northern Pin Oak Jack Pine	% Cover 10 20 15 40 10	Size Class Pole/Sap/Log Sapling/Pole Sapling/Pole Sapling/Pole Sapling	DBH 7 4 4 4 2	22 22	Sub-Canopy Sp Mixed Sedges/Gr White Pine Honeysuckle (s Hawthorn (sp Serviceberry (June 2.1 Sub-Canopy Sp White Pine Cherry (spp.	pecies rasses spp.) p.) eberry) Uns pecies	1-50  Density High Low High Low Low  Specified  Density  Trace Low	N/A  Avg. Height Unspecified 10 - 20 feet 5 - 10 feet 5 - 10 feet 10 - 20 feet  Managed O  Avg. Height >20 feet 10 - 20 feet	Size Non-Wood Sapling Tall Shrub Tall Shrub Tall Shrub pening Size Sapling Tall Shrub	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.
1	Canopy Species White Pine Red Maple Quaking Aspen Northern Pin Oak Jack Pine	% Cover 10 20 15 40 10	Size Class Pole/Sap/Log Sapling/Pole Sapling/Pole Sapling/Pole Sapling	DBH 7 4 4 4 2	22 22	Sub-Canopy Sp Mixed Sedges/Gr White Pine Honeysuckle (s Hawthorn (sp Serviceberry (June 2.1 Sub-Canopy Sp White Pine Cherry (spp.	pecies rasses ppp.) pp.) eberry) Uns pecies pecies ppp.)	1-50  Density High Low High Low Low  Specified  Density Trace Low Medium	N/A  Avg. Height Unspecified 10 - 20 feet 5 - 10 feet 5 - 10 feet 10 - 20 feet  Managed O  Avg. Height >20 feet 10 - 20 feet < 5 feet	Size Non-Wood Sapling Tall Shrub Tall Shrub pening Size Sapling Tall Shrub	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.
1	Canopy Species White Pine Red Maple Quaking Aspen Northern Pin Oak Jack Pine	% Cover 10 20 15 40 10	Size Class Pole/Sap/Log Sapling/Pole Sapling/Pole Sapling/Pole Sapling	DBH 7 4 4 4 2	22 22	Sub-Canopy Sp Mixed Sedges/Gr White Pine Honeysuckle (s Hawthorn (sp Serviceberry (June 2.1 Sub-Canopy Sp White Pine Cherry (spp. Sweet Fern Honeysuckle (s	Decies rasses spp.) p.) eberry) Uns Decies spp.) copecies spp.) Dak	1-50  Density High Low High Low Low  Specified  Density Trace Low Medium Medium	N/A  Avg. Height Unspecified 10 - 20 feet 5 - 10 feet 5 - 10 feet 10 - 20 feet  Managed O  Avg. Height >20 feet 10 - 20 feet < 5 feet 5 - 10 feet	Size Non-Wood Sapling Tall Shrub Tall Shrub pening Size Sapling Tall Shrub Tall Shrub	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.
1	Canopy Species White Pine Red Maple Quaking Aspen Northern Pin Oak Jack Pine	% Cover 10 20 15 40 10	Size Class Pole/Sap/Log Sapling/Pole Sapling/Pole Sapling/Pole Sapling	DBH 7 4 4 4 2	22 22	Sub-Canopy Sp Mixed Sedges/Gr White Pine Honeysuckle (s Hawthorn (sp Serviceberry (June  2.1 Sub-Canopy Sp White Pine Cherry (spp. Sweet Fern Honeysuckle (s Northern Pin C	pecies rasses spp.) p.) uns pecies .) n spp.) Dak	1-50  Density High Low High Low Low  Specified  Density Trace Low Medium Medium Low	N/A  Avg. Height Unspecified 10 - 20 feet 5 - 10 feet 5 - 10 feet 10 - 20 feet  Managed O  Avg. Height >20 feet 10 - 20 feet < 5 feet 5 - 10 feet 10 - 20 feet	Size Non-Wood Sapling Tall Shrub Tall Shrub Tall Shrub  Size Sapling Tall Shrub Tall Shrub  Sapling Tall Shrub  Tall Shrub  Tall Shrub  Sapling	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.

Stand	Level 4 C	over Type		Size De	nsity	Acres	Stand Age	BA Range	Managed	Site	General Comments
31	3103 - R	Rubus-Fern		Nonsto	cked	30.5	0	Immature	4211 - Planted	Red Pine	Initial planting completed 4/29/2024 with 1-0 PRT Red Pine at ~889 TPA.
						Sub-Car	nopy Species	s Density	Avg. Height	Size	Avg furrow spacing is 8.1 ft.  Herbicide was applied via skidder in July of 2023.
						Mixed Se	dges/Grasses	s Full	Unspecified	Non-Wood	Trenching for the planting of red pine was completed on 5/21/22. Cut
						Che	rry (spp.)	Low	5 - 10 feet	Tall Shrub	4/2019
						Re	ed Pine	Trace	< 5 feet	Seeding	May need to roller chop areas with advanced aspen and red maple regeneration.
						Ja	ck Pine	Low	< 5 feet	Seeding	Roller chopped 4/25/21
						Northe	ern Pin Oak	Medium	< 5 feet	Seeding	
32	42260 - Natural Pi	ne, Mixed [	Deciduous	Sapling N	/ledium	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
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	s Density	Avg. Height	Size	threshold for a forested stand. Jack pine is the majority species but
	Quaking Aspen	5	Sapling	1		Swe	eet Fern	Low	< 5 feet	Tall Shrub	northern pin oak stump sprouts will probably fill in and exceed the browse
	White Pine	2	Sapling	1		Mixed Se	dges/Grasses	s High	Unspecified	Non-Wood	height to become free to grow in the future. Northern pin oak stump
	Red Pine	1	Sapling	1		Re	d Maple	Low	< 5 feet	Sapling	sprouts that are free to grow make up about 15% of the canopy layer at present.
	Jack Pine	57	Sapling	1	5						Freezen
١	Northern Pin Oak	15	Sapling	1							
	Black Cherry	5	Sapling	1							
	Bigtooth Aspen	15	Sapling	1							
	310 - Herbac	eous Onen	lond	Manata	امداد						
33		codo open	liariu	Nonsto	скеа	4.3		Unspecified	Managed C	pening	The old Onaway dump. It was the location of a couple fires in early
33		cous open	lianu	Nonsto	скеа		nopy Species		Managed C  Avg. Height	pening Size	1980s. Double plow line encircles this opening in neighboring stands.
33			lianu	Nonsto	Скеа	Sub-Car					
33		oods Open	ilanu	Nonsto		Sub-Car Swe	nopy Species	s Density	Avg. Height	Size	1980s. Double plow line encircles this opening in neighboring stands.
33			ilanu	Nonsto	Скеа	Sub-Car Swe Little	nopy Species eet Fern	Low	Avg. Height < 5 feet	Size Tall Shrub	1980s. Double plow line encircles this opening in neighboring stands.
33		oods Open	ianu	Nonsto	ckea	Sub-Car Swe Little Mixed Se	nopy Species eet Fern Bluestem	Low	Avg. Height < 5 feet Unspecified	Size Tall Shrub Non-Wood	1980s. Double plow line encircles this opening in neighboring stands.
33			ianu	Nonsto	cked	Sub-Car Swo Little Mixed Se Big I	nopy Species eet Fern Bluestem dges/Grasses	Density Low Low High	Avg. Height < 5 feet Unspecified Unspecified	Size Tall Shrub Non-Wood Non-Wood Non-Wood Tall Shrub	1980s. Double plow line encircles this opening in neighboring stands.
33		GOUG GPOI	ianu	Nonsto	Скеа	Sub-Car Swi Little Mixed Se Big I	nopy Species eet Fern Bluestem dges/Grasses Bluestem	Low Low High Low	Avg. Height < 5 feet Unspecified Unspecified Unspecified	Size Tall Shrub Non-Wood Non-Wood Non-Wood	1980s. Double plow line encircles this opening in neighboring stands.
33		Godo Gpon	ianu	Nonsto	cked	Sub-Car Sw Little Mixed Se Big I Che	eet Fern Bluestem dges/Grasses Bluestem rry (spp.)	Low Low High Low Low	Avg. Height < 5 feet Unspecified Unspecified Unspecified 10 - 20 feet	Size Tall Shrub Non-Wood Non-Wood Tall Shrub Tall Shrub Sapling	1980s. Double plow line encircles this opening in neighboring stands. Invasive honeysuckle is in the opening and spreading into nearby stands.
33		Godo Gpon	шани	Nonsto	cked	Sub-Car Swr Little Mixed Se Big I Che	eet Fern Bluestem dges/Grasses Bluestem rry (spp.) uniper	Low	Avg. Height < 5 feet Unspecified Unspecified Unspecified 10 - 20 feet < 5 feet	Size Tall Shrub Non-Wood Non-Wood Tall Shrub Tall Shrub	1980s. Double plow line encircles this opening in neighboring stands. Invasive honeysuckle is in the opening and spreading into nearby stands.
34	42260 - Natural Pir			Sawtimb	-	Sub-Car Swr Little Mixed Se Big I Che	eet Fern Bluestem dges/Grasses Bluestem rry (spp.) uniper	Low Low Low Low Low Low Low Low Trace Trace	Avg. Height < 5 feet Unspecified Unspecified Unspecified 10 - 20 feet < 5 feet 5 - 10 feet	Size Tall Shrub Non-Wood Non-Wood Tall Shrub Tall Shrub Sapling Tall Shrub	1980s. Double plow line encircles this opening in neighboring stands. Invasive honeysuckle is in the opening and spreading into nearby stands.  Small stand. Patchy. Center contains about 100 year old red and white
	42260 - Natural Pin Canopy Species	ne, Mixed [		Sawtimb	-	Sub-Car Swe Little Mixed Se Big I Che Wh Honeys	eet Fern Bluestem dges/Grasses Bluestem rry (spp.) uniper ite Pine suckle (spp.)	Low	Avg. Height < 5 feet Unspecified Unspecified Unspecified 10 - 20 feet < 5 feet 5 - 10 feet 5 - 10 feet	Size Tall Shrub Non-Wood Non-Wood Tall Shrub Tall Shrub Sapling Tall Shrub	1980s. Double plow line encircles this opening in neighboring stands. Invasive honeysuckle is in the opening and spreading into nearby stands.  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
		ne, Mixed [	Deciduous	Sawtimb <b>DBH</b>	er Well	Sub-Car Swe Little Mixed Se Big I Che J Wh Honeys	eet Fern Bluestem dges/Grasses Bluestem rry (spp.) uniper hite Pine suckle (spp.)	Low Low Low Low Low Low Low Low Low Trace Trace Low Low Density	Avg. Height < 5 feet Unspecified Unspecified Unspecified 10 - 20 feet < 5 feet 5 - 10 feet 5 - 10 feet	Size Tall Shrub Non-Wood Non-Wood Tall Shrub Tall Shrub Sapling Tall Shrub	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
	Canopy Species	ne, Mixed [ % <b>Cove</b> r	Deciduous Size Class	Sawtimb DBH	er Well	Sub-Car Swe Little Mixed Se Big I Che Jr Wh Honeys 5.2 Sub-Car Servicebe	eet Fern Bluestem dges/Grasses Bluestem rry (spp.) uniper hite Pine suckle (spp.) 110 nopy Species	Low Low Low Low Low Low Low Low Low Trace Trace Low Low Density	Avg. Height < 5 feet Unspecified Unspecified Unspecified 10 - 20 feet < 5 feet 5 - 10 feet 5 - 10 feet  N/A Avg. Height	Size Tall Shrub Non-Wood Non-Wood Tall Shrub Sapling Tall Shrub	1980s. Double plow line encircles this opening in neighboring stands. Invasive honeysuckle is in the opening and spreading into nearby stands.  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
34	Canopy Species White Pine	ne, Mixed [ % Cover	Deciduous Size Class Log	Sawtimb  DBH	er Well	Sub-Car Swi Little Mixed Se Big I Che Ji Wh Honeys 5.2 Sub-Car Servicebe	eet Fern Bluestem dges/Grasses Bluestem rry (spp.) uniper site Pine suckle (spp.)  110 nopy Species	Density Low Low SHigh Low Trace Trace Low  111-140 SDensity  JOHNSTON	Avg. Height < 5 feet Unspecified Unspecified 10 - 20 feet < 5 feet 5 - 10 feet 5 - 10 feet  N/A  Avg. Height 10 - 20 feet	Size Tall Shrub Non-Wood Non-Wood Tall Shrub Sapling Tall Shrub Size Tall Shrub	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
34	Canopy Species White Pine Red Maple	ne, Mixed [  **Cover** 50 2	Deciduous Size Class Log Pole/Saplin	Sawtimb  DBH  16  g 5	er Well	Sub-Car Swe Little Mixed Se Big I Che Wh Honeys 5.2 Sub-Car Servicebe Rec	eet Fern Bluestem dges/Grasses Bluestem rry (spp.) uniper dite Pine suckle (spp.)  110 nopy Species rry (Junebern d Maple	Density Low Low Shigh Low Low Trace Trace Low  111-140 Shigh Density Low Low Low Low Low Low Low	Avg. Height < 5 feet Unspecified Unspecified 10 - 20 feet < 5 feet 5 - 10 feet 5 - 10 feet N/A  Avg. Height 10 - 20 feet >20 feet	Size Tall Shrub Non-Wood Non-Wood Tall Shrub Sapling Tall Shrub Size Tall Shrub	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
34	Canopy Species White Pine Red Maple Northern Pin Oak	ne, Mixed [  **Cover*   50   2   20	Deciduous Size Class Log Pole/Saplin Log/Pole	Sawtimb    DBH	er Well	Sub-Car Swe Little Mixed Se Big I Che J Wh Honeys 5.2 Sub-Car Servicebe Rea Northe	eet Fern Bluestem dges/Grasses Bluestem rry (spp.) uniper hite Pine suckle (spp.)  110 hopy Species rry (Junebern d Maple ern Pin Oak	Density  Low Low S High Low Low Trace Trace Low  111-140 S Density Y Low Low Low	Avg. Height < 5 feet Unspecified Unspecified 10 - 20 feet < 5 feet 5 - 10 feet 5 - 10 feet  N/A  Avg. Height 10 - 20 feet >20 feet 10 - 20 feet	Size Tall Shrub Non-Wood Non-Wood Tall Shrub Sapling Tall Shrub Size Tall Shrub Sapling Sapling Sapling Sapling	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	Stand Level 4 Cover Type		Size Density		y Acres Stand Age BA R		A Range	Managed :	Site	General Comments	
35	42120 - Plan	ted Jack P	ine	Sapling	Well	18.1	25	1-50	N/A		
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Can	opy Species	Density	Avg. Height	Size	
	Quaking Aspen	5	Sapling	3		Serviceber	ry (Juneberry)	Low	10 - 20 feet	Tall Shrub	
N	lorthern Pin Oak	8	Sapling	1		Blueberry/Bil	berry/Cranber	ry High	< 5 feet	Tall Shrub	
	Jack Pine	80	Sapling/Pole	4	25						
	White Oak	2	Pole	7							
	Red Pine	2	Log	12							
	Choke Cherry	3	Sapling	2							
36	4310 - Pir	e, Oak Mix	<	Sapling	Well	12.0	16 lı	nmature	N/A		Pine becomes more common as one travels eastward.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Can	opy Species	Density	Avg. Height	Size	
	Quaking Aspen	5	Sapling	1		Blackberr	y/Raspberry	Low	< 5 feet	Tall Shrub	
	Jack Pine	25	Sapling	1		Blueberry/Bil	berry/Cranber	ry High	< 5 feet	Tall Shrub	
	Choke Cherry	2	Sapling	2				'	1		
N	lorthern Pin Oak	28	Sapling/Pole	4	16						
	Red Maple	1	Sapling	2							
	White Oak	2	Sapling	3							
	White Pine	15	Pole/Sapling	6							
	Bigtooth Aspen	20	Sapling/Pole	2	16						
	Red Pine	2	Pole	6							
37	42111 - Planted Deci	Red Pine, duous % Cover		Sawtimb	er We		63 opy Species	111-140 <b>Density</b>	N/A	Size	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.
	Bigtooth Aspen	10	Pole/Log	9	Age	1	te Pine	Low	5 - 10 feet	Sapling	
	Red Pine	70	Log	12	63	-	Maple	Low	Variable	Sapling	
	White Oak	2	Log	13	05		d Pine	Trace	10 - 20 feet	Sapling	
Bloc	k/Red (Hybrid) Oak	13	Log/Pole	11			(Hybrid) Oak	Low	< 5 feet	Sapling	
Diac	Red Maple	5	Pole	6			ry (spp.)	Trace	10 - 20 feet	Sapling	
	Red Maple	5	FUIE	0		Criei	y (spp.)	Hace	10 - 20 leet	Sapility	
38	4199 - Other Mixed			Sapling				mmature	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
	Canopy Species	% Cover	Size Class	DBH	Age		opy Species	Density	Avg. Height	Size	stocking with jack pine, cherry, quaking aspen and white pine. Cherry
	White Pine	2	Sapling	1			luestem	Trace	Unspecified	Non-Wood	
	Quaking Aspen	3	Sapling	1		Blueberry/Bil	berry/Cranber	ry Medium	< 5 feet	Tall Shrub	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.
	Bigtooth Aspen	20	Sapling	1	5		et Fern	Low	< 5 feet	Tall Shrub	
	Willow spp.	2	Sapling	1			Bluestem	Trace	Unspecified		
	lorthern Pin Oak	25	Sapling	1	5	Pennsylv	ania Sedge	Medium	Unspecified	Non-Wood	
Serv	iceberry (Juneberry)	5	Sapling	1							
	Black Cherry	23	Sapling	1							
	Jack Pine	15	Sapling	1							
	Red Maple	5	Sapling	1							



Stand	Level 4 Co	I 4 Cover Type Size Density Acres Stand Age BA Range Managed Site		Site	General Comments							
39	4191 - Mixed Uplar Cor	nd Decidud nifer	ous with Sa	awtimb	er Wel	II 11.4	84	81-110	N/A		Beaver damage along pond banks.	
- 1	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size		
E	Bigtooth Aspen	15	Log/Pole	10		Servicebe	erry (Juneberry)	Low	10 - 20 feet	Tall Shrub		
	Red Pine	20	Log/Pole	13		Hud	ckleberry	Low	< 5 feet	Tall Shrub		
Black	ck/Red (Hybrid) Oak	22	Log	14	84	Blueberry/B	ilberry/Cranbe	ry Medium	< 5 feet	Tall Shrub		
	Red Maple	15	Pole/Log	8	84	Re	d Maple	Medium	Variable	Sapling		
	Beech	1	Pole	6		Black/Re	d (Hybrid) Oak	Low	5 - 10 feet	Sapling		
	Paper Birch	2	Pole	8		Che	erry (spp.)	Low	< 5 feet	Sapling		
	Balsam Fir	3	Pole	7		Wh	nite Pine	High	Variable	Sapling		
	White Pine	15	Log/Pole	11		-						
(	Quaking Aspen	7	Log/Pole	10								
40	500 - 1	Water	1	Nonst	ocked	6.4	U	nspecified	No		Pond possibly associated with sinkholes nearby.	
						Sub-Ca	nopy Species	Density	Avg. Height	Size		
							Alder	Low	5 - 10 feet	Tall Shrub		
						Mixed Se	edges/Grasses	Low	Unspecified	Non-Wood		
41	42111 - Planted I		Mixed Po	oletimb	er We	ll 21.5	34	51-80	N/A			
	Decid	duous								Size		
	Decid	duous	Mixed Poss Size Class Pole		er We	Sub-Ca	34 nopy Species	51-80  Density  Medium	N/A  Avg. Height  < 5 feet	<b>Size</b> Tall Shrub		
	Decides Canopy Species	duous % Cover	Size Class	DBH		Sub-Ca	nopy Species	Density	Avg. Height			
(	Canopy Species Jack Pine	% Cover	Size Class Pole	<b>DB</b> F		Sub-Ca	nopy Species	Density	Avg. Height			
(	Canopy Species Jack Pine Red Maple	% Cover 2 5	Size Class Pole Sapling	<b>DBH</b> 6 3		Sub-Ca	nopy Species	Density	Avg. Height			
E	Decide Canopy Species Jack Pine Red Maple Black Cherry	% Cover 2 5 2	Size Class Pole Sapling Sapling	<b>DBH</b> 6 3 4		Sub-Ca	nopy Species	Density	Avg. Height			
E	Decice Canopy Species Jack Pine Red Maple Black Cherry Bigtooth Aspen	**Cover 2 5 2 3	Size Class Pole Sapling Sapling Pole/Sapling	<b>DBH</b> 6 3 4 5		Sub-Ca	nopy Species	Density	Avg. Height			
E	Decice Canopy Species Jack Pine Red Maple Black Cherry Bigtooth Aspen Quaking Aspen	% Cover 2 5 2 3 7	Size Class Pole Sapling Sapling Pole/Sapling Pole/Sapling	DBH 6 3 4 5 5 5	I Age	Sub-Ca	nopy Species	Density	Avg. Height			
E	Decide  Canopy Species  Jack Pine  Red Maple  Black Cherry  Bigtooth Aspen  Quaking Aspen  Red Pine  ck/Red (Hybrid) Oak	% Cover 2 5 2 3 7 68	Pole Sapling Sapling Pole/Sapling Pole/Sapling Pole/Sapling Pole/Sapling Pole/Sapling	DBH 6 3 4 5 5 6 5 5	I Age	Sub-Car Win	nopy Species	Density	Avg. Height		Generally an even mix of aspen and oak in south.	
Black	Decide  Canopy Species  Jack Pine  Red Maple  Black Cherry  Bigtooth Aspen  Quaking Aspen  Red Pine  ck/Red (Hybrid) Oak  4131 - As	% Cover	Pole Sapling Sapling Pole/Sapling Pole/Sapling Pole/Sapling Pole/Sapling Pole/Sapling	DBH 6 3 4 5 5 6 5 5 awtimb	Age 34	Sub-Car Win	nopy Species ntergreen	<b>Density</b> Medium	Avg. Height < 5 feet			
Black	Decide  Canopy Species  Jack Pine  Red Maple  Black Cherry  Bigtooth Aspen  Quaking Aspen  Red Pine  ck/Red (Hybrid) Oak  4131 - As	% Cover	Pole Sapling Sapling Pole/Sapling Pole/Sapling Pole/Sapling Pole/Sapling Sapling Pole/Sapling	DBH 6 3 4 5 5 6 5 5 awtimb	34 Age	Sub-Car Win	nopy Species ntergreen	Density Medium  81-110	Avg. Height < 5 feet	Tall Shrub		
Black	Decide  Canopy Species  Jack Pine  Red Maple  Black Cherry  Bigtooth Aspen  Quaking Aspen  Red Pine  ck/Red (Hybrid) Oak  4131 - As  Canopy Species	% Cover	Size Class Pole Sapling Sapling Pole/Sapling Pole/Sapling Pole/Sapling Pole/Sapling Sapling Pole/Sapling	DBH 6 3 4 5 5 6 5 6 5	34	Sub-Car Win ### 45.5   Sub-Car   Win	nopy Species ntergreen  70 nopy Species	Density Medium  81-110 Density	Avg. Height < 5 feet  N/A  Avg. Height	Tall Shrub		
Black 42	Decide  Canopy Species  Jack Pine  Red Maple  Black Cherry  Bigtooth Aspen  Quaking Aspen  Red Pine  ck/Red (Hybrid) Oak  4131 - As  Canopy Species  Red Maple	## Cover   2   5   2   3   7   68   13     13     5   5   5   5   5   5   5   5   5	Size Class Pole Sapling Sapling Pole/Sapling Pole/Sapling Pole/Sapling Pole/Sapling Sapling Pole/Sapling	DBH 6 3 4 5 5 6 5  awtimb DBH 7	34	Sub-Car Win 45.5 Sub-Car Win Honeys	nopy Species ntergreen  70 nopy Species ntergreen	Density  Medium  81-110  Density  High	Avg. Height < 5 feet  N/A  Avg. Height < 5 feet	Size Tall Shrub		
Black 42	Decide  Canopy Species  Jack Pine  Red Maple  Black Cherry  Bigtooth Aspen  Quaking Aspen  Red Pine  ck/Red (Hybrid) Oak  4131 - As  Canopy Species  Red Maple  Quaking Aspen	% Cover 2 5 2 3 7 68 13 spen, Oak % Cover 13 5	Size Class Pole Sapling Sapling Pole/Sapling Pole/Sapling Pole/Sapling Pole/Sapling Pole/Sapling Pole/Sapling	DBH 6 3 4 5 5 6 5  awtimb 7 8	34 er Wel	Sub-Car Win 45.5 Sub-Car Win Honeys	70 nopy Species ntergreen suckle (spp.)	Density  Medium  81-110  Density  High Low	N/A  Avg. Height  N/A  Avg. Height  5 - 10 feet	Size Tall Shrub Tall Shrub Tall Shrub		
Black 42	Decide  Canopy Species  Jack Pine  Red Maple  Black Cherry  Bigtooth Aspen  Quaking Aspen  Red Pine ck/Red (Hybrid) Oak  4131 - As  Canopy Species  Red Maple  Quaking Aspen  Bigtooth Aspen	% Cover 2 5 2 3 7 68 13 spen, Oak % Cover 13 5 37	Size Class Pole Sapling Sapling Pole/Sapling Pole/Sapling Pole/Sapling Pole/Sapling Pole/Sapling Pole/Sapling Pole/Sapling Log/Pole	DBH 6 3 4 5 5 6 5	34 er Wel	Sub-Car Win  45.5  Sub-Car Win  Honeys Wr  Hawtt	70 nopy Species ntergreen suckle (spp.) nite Pine	B1-110  Density  High Low Low	N/A  Avg. Height  < 5 feet  N/A  Avg. Height  < 5 feet  5 - 10 feet  Variable	Size Tall Shrub Tall Shrub Tall Shrub Sapling	Generally an even mix of aspen and oak in south.	
Black 42	Decice Canopy Species Jack Pine Red Maple Black Cherry Bigtooth Aspen Quaking Aspen Red Pine ck/Red (Hybrid) Oak  4131 - As  Canopy Species Red Maple Quaking Aspen Bigtooth Aspen White Pine	% Cover	Pole Sapling Sapling Pole/Sapling Pole/Sapling Pole/Sapling Pole/Sapling Pole/Sapling Pole/Sapling Pole/Sapling Pole/Sapling Log/Pole Log/Pole	DBH 6 3 4 5 5 6 5	34 ser Wel	Sub-Car Win  45.5  Sub-Car Win  Honeys Wr  Hawtt	70 nopy Species ntergreen suckle (spp.) nite Pine horn (spp.)	B1-110 Density High Low Low Trace Trace	N/A  Avg. Height  < 5 feet   Avg. Height  < 5 feet  5 - 10 feet  Variable  5 - 10 feet	Size Tall Shrub Tall Shrub Tall Shrub Sapling Tall Shrub	Generally an even mix of aspen and oak in south.	
Black  42	Decide  Canopy Species  Jack Pine  Red Maple  Black Cherry  Bigtooth Aspen  Quaking Aspen  Red Pine  ck/Red (Hybrid) Oak  4131 - As  Canopy Species  Red Maple  Quaking Aspen  Bigtooth Aspen  White Pine  ck/Red (Hybrid) Oak	## Cover   2   5   2   3   7   68   13     13     5   37   2   40	Pole Sapling Sapling Pole/Sapling Pole/Sapling Pole/Sapling Pole/Sapling Pole/Sapling Pole/Sapling Pole/Sapling Log/Pole Log/Pole Log/Pole	DBH 6 3 4 5 5 6 5	34 ser Wel	Sub-Car Win  45.5  Sub-Car Win Honeys Wh Hawtl Che Servicebe	70 nopy Species ntergreen suckle (spp.) nite Pine horn (spp.)	B1-110 Density High Low Low Trace Trace	N/A  Avg. Height  < 5 feet  Avg. Height  < 5 feet  5 - 10 feet  Variable  5 - 10 feet  10 - 20 feet	Size Tall Shrub Tall Shrub Sapling Tall Shrub Tall Shrub Tall Shrub	Generally an even mix of aspen and oak in south.	
Black  42	Decide  Canopy Species  Jack Pine  Red Maple  Black Cherry  Bigtooth Aspen  Quaking Aspen  Red Pine  ck/Red (Hybrid) Oak  4131 - As  Canopy Species  Red Maple  Quaking Aspen  Bigtooth Aspen  White Pine  ck/Red (Hybrid) Oak	## Cover   2   5   2   3   7   68   13     13     5   37   2   40	Pole Sapling Sapling Pole/Sapling Pole/Sapling Pole/Sapling Pole/Sapling Pole/Sapling Pole/Sapling Pole/Sapling Log/Pole Log/Pole Log/Pole	DBH 6 3 4 5 5 6 5	34 ser Wel	Sub-Car Win  45.5  Sub-Car Win Honeys Wh Hawtt Che Servicebe	70 nopy Species ntergreen  70 nopy Species ntergreen suckle (spp.) nite Pine horn (spp.) erry (spp.)	B1-110 Density High Low Low Trace Trace Low Full	N/A  Avg. Height  < 5 feet  N/A  Avg. Height  < 5 feet  5 - 10 feet  Variable  5 - 10 feet  10 - 20 feet  10 - 20 feet	Size Tall Shrub Tall Shrub Sapling Tall Shrub Tall Shrub Tall Shrub Tall Shrub	Generally an even mix of aspen and oak in south.	
Black  42	Decide  Canopy Species  Jack Pine  Red Maple  Black Cherry  Bigtooth Aspen  Quaking Aspen  Red Pine  ck/Red (Hybrid) Oak  4131 - As  Canopy Species  Red Maple  Quaking Aspen  Bigtooth Aspen  White Pine  ck/Red (Hybrid) Oak	## Cover   2   5   2   3   7   68   13     13     5   37   2   40	Pole Sapling Sapling Pole/Sapling Pole/Sapling Pole/Sapling Pole/Sapling Pole/Sapling Pole/Sapling Pole/Sapling Log/Pole Log/Pole Log/Pole	DBH 6 3 4 5 5 6 5	34 ser Wel	Sub-Cal Win  45.5  Sub-Cal Win Honeys Wh Hawtl Che Servicebe Re Blueberry/B	70 nopy Species ntergreen  70 nopy Species ntergreen suckle (spp.) nite Pine horn (spp.) erry (spp.) erry (Juneberry) d Maple	B1-110  Density  High Low Low Trace Trace Low Full Try Medium	N/A  Avg. Height  < 5 feet  N/A  Avg. Height  < 5 feet  5 - 10 feet  Variable  5 - 10 feet  10 - 20 feet  10 - 20 feet  < 5 feet	Size Tall Shrub Tall Shrub Sapling Tall Shrub Tall Shrub Tall Shrub Tall Shrub Seeding	Generally an even mix of aspen and oak in south.	



Stand Level 4 C	Stand Level 4 Cover Type		Size Density			nsity Acres Stand Age BA Range			Site	General Comments	
<b>43</b> 4130	- Aspen	;	Sapling			14 In	nmature	N/A		A patch of oak was left in the southwest. Beaver damage extends from the pond and swamp in the northeast.	
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	the policiand swamp in the northeast.	
Quaking Aspen	50	Sapling	2	14	R	ed Pine	Trace	5 - 10 feet	Sapling		
Bigtooth Aspen	20	Sapling	3	14	Hawt	horn (spp.)	Trace	5 - 10 feet	Tall Shrub		
Red Maple	15	Sapling/Pole	3		Sw	eet Fern	Low	< 5 feet	Tall Shrub		
Black/Red (Hybrid) Oak	15	Pole/Log	9		Servicebe	erry (Juneberry)	Trace	10 - 20 feet	Tall Shrub		
					Honey	suckle (spp.)	Medium	5 - 10 feet	Tall Shrub		
<b>44</b> 4131 - A	spen, Oak	Sa	apling N	/lediu	m 7.6	5 In	nmature	N/A		The southeast is poor to low stocking, mostly in jack pine and cherry.	
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	Oak seems to have largely escaped browse this dormant season which may increase the future proportion of free to grow oak.	
Bigtooth Aspen	30	Sapling	1	5		ick Pine	Low	< 5 feet	Sapling	may merease the ruture proportion of free to grow bak.	
Northern Pin Oak	25	Sapling	1	5	Little	Bluestem	Trace	Unspecified	Non-Wood		
Red Maple	5	Sapling	1		Wi	llow spp.	Low	< 5 feet	Tall Shrub		
White Pine	3	Sapling	1		Blueberry/B	Bilberry/Cranberr	y High	< 5 feet	Tall Shrub		
Red Pine	2	Sapling	1		Pennsy	Ivania Sedge	Medium	Unspecified	Non-Wood		
Quaking Aspen	10	Sapling	1	5		Bluestem	Trace	Unspecified	Non-Wood		
Serviceberry (Juneberry)	5	Sapling	1								
Black Cherry	10	Sapling	1								
Jack Pine	10	Sapling	1								
<b>45</b> 4133 - Aspe			oletimb		1		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	
Canopy Species		Size Class		Age		nopy Species	Density	Avg. Height	Size	is present in the northeast abutting the wetland and jack pine. Patches of	
White Oak	2	Pole/Sapling	6			nite Pine	Low	5 - 10 feet	Sapling	pine, aspen and open ground intermix in the west.	
Quaking Aspen	20	Pole/Sapling	5			hite Oak	Low	10 - 20 feet	Sapling		
Bigtooth Aspen	45	Pole/Sapling	5	41		ntergreen	High	< 5 feet	Tall Shrub		
White Pine	5	Pole/Sapling	6		North	ern Pin Oak	Low	10 - 20 feet	Sapling		
Jack Pine	13	Sapling/Pole	4		Servicebe	erry (Juneberry)	Low	5 - 10 feet	Sapling		
Black/Red (Hybrid) Oak		Pole/Sapling	6								
Red Pine	5	Sapling/Pole	4								
<b>46</b> 4310 - Pin	ne, Oak Mix	C Po	oletimb	er We	ell 7.7	67	51-80	N/A		The stand seems to be a mix of ages. Aspen looks about 30 in some	
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	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	
White Pine	25	Pole/Log	8	67	Northe	ern Pin Oak	Low	10 - 20 feet	Sapling	and cherry. The oldest pine and oak are about 100 years old.	
Quaking Aspen	13	Pole/Sapling	6		Bigto	oth Aspen	Medium	Variable	Sapling		
Northern Pin Oak	23	Log/Pole	11	102	WI	nite Pine	Medium	Variable	Sapling		
Balsam Fir	2	Pole	6		WI	hite Oak	Trace	>20 feet	Sapling		
Jack Pine	13	Log/Pole	10		Servicebe	erry (Juneberry)	Low	10 - 20 feet	Tall Shrub		
Red Pine	17	Log/Pole	11					1	1	I	
Bigtooth Aspen	2	Log/Pole	10								
Red Maple	5	Pole/Sapling	6								



Stand	and Level 4 Cover Type		s	ize De	nsity	Acres Stand Age BA	Stand Age BA Range		Site	General Comments
47	4125 - Blac	k, N. Pin O	ak Po	oletimb	er Wel	l 3.8 93	51-80	N/A		Probably about the same age as the older trees in the stand to the west
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	(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.
	Jack Pine	13	Pole	7		Jack Pine	Low	10 - 20 feet	Sapling	a min or openior position generally grouning on a zoner oner
	White Oak	3	Pole/Log	9		White Pine	Low	5 - 10 feet	Sapling	
E	Bigtooth Aspen	2	Pole	6		White Oak	Low	10 - 20 feet	Sapling	
	Red Maple	1	Sapling	3		Blueberry/Bilberry/Cranberry	High	< 5 feet	Tall Shrub	
N	lorthern Pin Oak	73	Pole/Log	8	93	Northern Pin Oak	Medium	10 - 20 feet	Sapling	
	Red Pine	2	Pole	7			'		-	
	White Pine	2	Log	10						
	Choke Cherry	3	Sapling	4						
	Black Spruce	1	Pole	6						
48	622 - Lov	vland Shrub		Nonsto	cked	2.5 Uns	specified	No		May be associated with the apparent sinkhole on private land to the east.
						Sub-Canopy Species	Density	Avg. Height	Size	
						Sphagnum Moss	High	Unspecified	Non-Wood	
						Jack Pine	Low	>20 feet	Sapling	
						Mixed Sedges/Grasses	High	Unspecified	Non-Wood	
						Leatherleaf	High	< 5 feet	Tall Shrub	
49	6112 - Lov	wland Aspe	n Pole	etimber	· Mediu	ım 7.1 72	51-80	N/A		This stand appears to have been left as a buffer along Long Lake and
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	between recent timber sales. Evidence of recent beaver activity. The stand appears to be more or less a drainage between uplands.
(	Quaking Aspen	50	Pole/Log/Sap	9	72	White Pine	Low	Variable	Sapling	stand appears to be more or less a dramage between apiands.
E	Bigtooth Aspen	5	Pole/Log/Sap	8		Meadowsweet	Trace	< 5 feet	T-11 Ob 1	
				-		moadomowoot	11400	< 0 100t	Tall Shrub	
	Balsam Fir	10	Pole	6		Tag Alder	Medium	Variable	Tall Shrub	
	Balsam Fir Black Spruce	10 5	Pole Log							
				6		Tag Alder	Medium	Variable	Tall Shrub	
	Black Spruce	5	Log	6	66	Tag Alder Leatherleaf	Medium Low	Variable < 5 feet	Tall Shrub	
	Black Spruce Red Pine	5	Log Log	6 10 12	66	Tag Alder Leatherleaf Black Cherry	Medium Low Low	Variable < 5 feet >20 feet	Tall Shrub Tall Shrub Sapling	
	Black Spruce Red Pine Jack Pine	5 5 15	Log Log Log/Pole	6 10 12 10	66	Tag Alder Leatherleaf Black Cherry Hawthorn (spp.)	Medium Low Low Trace	Variable < 5 feet >20 feet 5 - 10 feet	Tall Shrub Sapling Tall Shrub	
	Black Spruce Red Pine Jack Pine White Pine	5 5 15 5	Log Log/Pole Pole/Sapling	6 10 12 10 5	66	Tag Alder Leatherleaf Black Cherry Hawthorn (spp.) Red Maple	Medium Low Low Trace Medium	Variable < 5 feet >20 feet 5 - 10 feet >20 feet	Tall Shrub Tall Shrub Sapling Tall Shrub Sapling	
	Black Spruce Red Pine Jack Pine White Pine	5 5 15 5	Log Log/Pole Pole/Sapling	6 10 12 10 5	66	Tag Alder Leatherleaf Black Cherry Hawthorn (spp.) Red Maple Serviceberry (Juneberry)	Medium Low Low Trace Medium Trace	Variable     < 5 feet     >20 feet     5 - 10 feet     >20 feet 10 - 20 feet	Tall Shrub Tall Shrub Sapling Tall Shrub Sapling Tall Shrub Tall Shrub	
	Black Spruce Red Pine Jack Pine White Pine	5 5 15 5	Log Log/Pole Pole/Sapling	6 10 12 10 5		Tag Alder Leatherleaf Black Cherry Hawthorn (spp.) Red Maple Serviceberry (Juneberry) Wintergreen	Medium Low Low Trace Medium Trace High Trace	Variable     < 5 feet     >20 feet     5 - 10 feet     >20 feet     10 - 20 feet     < 5 feet	Tall Shrub Tall Shrub Sapling Tall Shrub Sapling Tall Shrub Tall Shrub	
	Black Spruce Red Pine Jack Pine White Pine	5 5 15 5	Log Log/Pole Pole/Sapling	6 10 12 10 5		Tag Alder Leatherleaf Black Cherry Hawthorn (spp.) Red Maple Serviceberry (Juneberry) Wintergreen Beech	Medium Low Low Trace Medium Trace High Trace	Variable     < 5 feet     >20 feet     5 - 10 feet     >20 feet     10 - 20 feet     < 5 feet     < 5 feet	Tall Shrub Sapling Tall Shrub Sapling Tall Shrub Sapling Tall Shrub Tall Shrub Sapling	



Stand	tand Level 4 Cover Type			Size De	ensity	Acres	Acres Stand Age BA Range		Managed Site		General Comments
50	4125 - Black	k, N. Pin O	ak :	Sapling I	Medium	1.9	26	1-50	N/A		
	Canopy Species	% Cover	Size Class	DBH	l Age						
	White Pine	7	Sapling/Pole	e 4							
	Jack Pine	10	Sapling/Pole	e 4							
	Choke Cherry	2	Sapling	2							
١	Northern Pin Oak	63	Sapling/Pole	e 4	26						
	Quaking Aspen	15	Sapling/Pole	e 3	26						
Serv	viceberry (Juneberry)	3	Sapling	1							
51	4131 - As	spen, Oak		Poletimb	er Well	13.0	60	81-110	N/A		Beavers have backed up channels in the middle of the stand. Previous
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	inventory notes say this stand was left as a wetland and pond buffer.
Blac	ck/Red (Hybrid) Oak	29	Log/Pole	11		Re	d Maple	Low	< 5 feet	Sapling	
	White Pine	5	Log/Pole	10		Ta	ag Alder	Low	5 - 10 feet	Tall Shrub	
	Quaking Aspen	30	Pole/Log	8	60	Mich	igan Holly	Low	5 - 10 feet	Tall Shrub	
	Bigtooth Aspen	10	Pole/Log	8	59	Le	atherleaf	Low	< 5 feet	Tall Shrub	
	Paper Birch	2	Pole	8		Mixed Se	edges/Grasses	Low	Unspecified	Non-Wood	
	White Oak	2	Log	14			Beech	Trace	10 - 20 feet	Sapling	
	Red Pine	2	Log	14		W	nite Pine	Medium	5 - 10 feet	Sapling	
	Red Maple	20	Pole/Log	8		Servicebe	erry (Juneberry	) Low	5 - 10 feet	Tall Shrub	
52	4191 - Mixed Upla Cor	nd Decidue nifer <b>% Cover</b>		Sawtimb	er Well		93	51-80 Density	N/A Avg. Height	Size	A mixed and very patchy stand. There are a couple good bigtooth aspen clones.
N	Northern Pin Oak	41	Log/Pole	11	93		nite Pine	Low	Variable	Sapling	
	White Pine	5	Pole/Log	8	33		hite Oak	Low	10 - 20 feet	Sapling	
	Jack Pine	10	Pole	7			erry (spp.)	Low	5 - 10 feet	Sapling	
	White Oak	5	Log/Pole	11			ntergreen	High	< 5 feet	Tall Shrub	
	Red Pine	5	Log/Pole	13			ed Pine	Low	< 5 feet	Sapling	
	Balsam Fir	2	Pole	6			d Maple	Low	>20 feet	Sapling	
	Quaking Aspen	7	Log/Pole	12			erry (Juneberry		10 - 20 feet	Tall Shrub	
	ck/Red (Hybrid) Oak	5	Log	15			ern Pin Oak	Medium	Variable	Sapling	
	Bigtooth Aspen	20	Log	13	58			1110010111	7 4.145.15	- July 19	I
53	6121 - T	amarack		Sapling	g Well	5.1	60	1-50	N/A		Contiguous with Loon Lake muskeg ERA. There's a good deal of standing water. This stand is basically non-productive.
	Canopy Species	% Cover	Size Class	DBH	I Age		nopy Species	Density	Avg. Height	Size	standing water. This stand is basically horr-productive.
	Tamarack	85	Sapling/Pole		60	Spha	gnum Moss	Medium	Unspecified	Non-Wood	
	Black Spruce	10	Sapling	3			atherleaf	Low	< 5 feet	Tall Shrub	
	Balsam Fir	5	Sapling			Mixed Sc	d===/0=====	Low	Unspecified	Non-Wood	
	Daisaiii Fii	5	Sapility	2		Mixed 36	edges/Grasses	Low	Unspecified	Tall Shrub	



Stand	nd Level 4 Cover Type Size Density			Acres Stand Ag	e BA Range	Managed S	Site	General Comments		
54	Deciduous			g Well	19.9 34	1-50	N/A			
	Canopy Species	% Cover	Size Class	DBH	l Age					
	Jack Pine	70	Sapling/Pole	4	34					
	Black Cherry	3	Sapling	3						
[	Bigtooth Aspen	10	Pole/Sapling	5						
	White Pine	5	Sapling/Pole	4						
N	Northern Pin Oak	10	Pole/Sapling	6						
	White Oak	2	Sapling	1						
55	500 -	Water	1	Nonst	ocked	0.6	Immature	No		Sinkhole.
						Sub-Canopy Spec	ies Density	Avg. Height	Size	
						Quaking Aspen	Low	>20 feet	Pole	
						White Pine	Low	>20 feet	Sapling	
						Northern Pin Oal	k Low	>20 feet	Sapling	
						Serviceberry (Juneb	erry) Low	10 - 20 feet	Tall Shrub	
						Mixed Sedges/Gras	ses Medium	Unspecified	Non-Wood	
56	4404 A	spen, Oak	Po	oletimb	er Wel	l 5.1 38	1-50	N/A		Little of the stand is operable because of site conditions for Long Lake, a
	4131 - A	opon, oak								aintheala, and alama agreement tradition to the continued
	Canopy Species	•	Size Class	DBH	l Age	Sub-Canopy Spec	ies Density	Avg. Height	Size	sinkhole, and slope concerns leading to the wetland.
		•	Size Class Sapling	<b>DB</b> H	l Age		Density High	Avg. Height < 5 feet	Size Tall Shrub	
	Canopy Species	% Cover			38	Sub-Canopy Spec	High			
[	Canopy Species Red Maple	% Cover	Sapling	3		Sub-Canopy Spec Wintergreen	High	< 5 feet	Tall Shrub Tall Shrub Sapling	
[	Canopy Species Red Maple Bigtooth Aspen	<b>% Cover</b> 5 45	Sapling Pole/Sapling	3		Sub-Canopy Spec Wintergreen Hawthorn (spp.)	High Trace Low	< 5 feet 5 - 10 feet	Tall Shrub	
[	Canopy Species Red Maple Bigtooth Aspen Northern Pin Oak	% Cover 5 45 20	Sapling Pole/Sapling Pole/Sapling	3 6 5		Sub-Canopy Spec Wintergreen Hawthorn (spp.) White Pine	High Trace Low erry) Medium	< 5 feet 5 - 10 feet < 5 feet	Tall Shrub Tall Shrub Sapling	
I N	Canopy Species Red Maple Bigtooth Aspen Northern Pin Oak White Pine	% Cover 5 45 20 8	Sapling Pole/Sapling Pole/Sapling Pole/Log	3 6 5 8		Sub-Canopy Spectors Wintergreen Hawthorn (spp.) White Pine Serviceberry (Juneb	High Trace Low erry) Medium	< 5 feet 5 - 10 feet < 5 feet 10 - 20 feet	Tall Shrub Tall Shrub Sapling Tall Shrub	
I N	Canopy Species Red Maple Bigtooth Aspen Northern Pin Oak White Pine Red Pine Quaking Aspen	% Cover 5 45 20 8 2	Sapling Pole/Sapling Pole/Sapling Pole/Log Pole/Sapling Pole/Sapling	3 6 5 8 7	38	Sub-Canopy Spec Wintergreen Hawthorn (spp.) White Pine Serviceberry (Juneb Northern Pin Oal	High Trace Low erry) Medium	< 5 feet 5 - 10 feet < 5 feet 10 - 20 feet 10 - 20 feet	Tall Shrub Tall Shrub Sapling Tall Shrub Sapling	
I N	Canopy Species Red Maple Bigtooth Aspen Northern Pin Oak White Pine Red Pine Quaking Aspen	% Cover 5 45 20 8 2 20	Sapling Pole/Sapling Pole/Sapling Pole/Log Pole/Sapling Pole/Sapling	3 6 5 8 7 5	38	Sub-Canopy Spec Wintergreen Hawthorn (spp.) White Pine Serviceberry (Juneb Northern Pin Oal Cherry (spp.)	High Trace Low erry) Medium C Low Low Immature	< 5 feet 5 - 10 feet < 5 feet 10 - 20 feet 10 - 20 feet 10 - 20 feet	Tall Shrub Tall Shrub Sapling Tall Shrub Sapling	
I N	Canopy Species Red Maple Bigtooth Aspen Northern Pin Oak White Pine Red Pine Quaking Aspen	% Cover 5 45 20 8 2 20	Sapling Pole/Sapling Pole/Sapling Pole/Log Pole/Sapling Pole/Sapling	3 6 5 8 7 5	38	Sub-Canopy Spectors Wintergreen Hawthorn (spp.) White Pine Serviceberry (Juneb Northern Pin Oal Cherry (spp.) 7.1	High Trace Low erry) Medium C Low Low Immature	< 5 feet 5 - 10 feet < 5 feet 10 - 20 feet 10 - 20 feet 10 - 20 feet No	Tall Shrub Tall Shrub Sapling Tall Shrub Sapling Tall Shrub	
I N	Canopy Species Red Maple Bigtooth Aspen Northern Pin Oak White Pine Red Pine Quaking Aspen	% Cover 5 45 20 8 2 20	Sapling Pole/Sapling Pole/Sapling Pole/Log Pole/Sapling Pole/Sapling	3 6 5 8 7 5	38	Sub-Canopy Spectors Wintergreen Hawthorn (spp.) White Pine Serviceberry (Juneb Northern Pin Oal Cherry (spp.)  7.1 Sub-Canopy Spectors	High Trace Low erry) Medium Low Low Immature	< 5 feet 5 - 10 feet < 5 feet 10 - 20 feet 10 - 20 feet 10 - 20 feet No Avg. Height	Tall Shrub Sapling Tall Shrub Sapling Tall Shrub Sapling Tall Shrub	
I N	Canopy Species Red Maple Bigtooth Aspen Northern Pin Oak White Pine Red Pine Quaking Aspen	% Cover 5 45 20 8 2 20	Sapling Pole/Sapling Pole/Sapling Pole/Log Pole/Sapling Pole/Sapling	3 6 5 8 7 5	38	Sub-Canopy Speci Wintergreen Hawthorn (spp.) White Pine Serviceberry (Juneb Northern Pin Oal Cherry (spp.) 7.1 Sub-Canopy Speci	High Trace Low erry) Medium Low Low Low Immature Eies Density High	< 5 feet 5 - 10 feet < 5 feet 10 - 20 feet 10 - 20 feet 10 - 20 feet No Avg. Height 5 - 10 feet	Tall Shrub Sapling Tall Shrub Sapling Tall Shrub Sapling Tall Shrub Size Tall Shrub	



Stand	tand Level 4 Cover Type		:	Size Dei	nsity	Acres	Stand Age B	A Range	Managed	Site	General Comments
59	4130 -	Aspen	P	oletimbe	er 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-Ca	nopy Species	Density	Avg. Height	Size	
Black/Red (H	lybrid) Oak	2	Pole/Sapling	7		Che	erry (spp.)	Low	5 - 10 feet	Tall Shrub	
Bigtooth	Aspen	73	Pole/Sapling	6	38		Alder	Trace	5 - 10 feet	Tall Shrub	
Red M	aple	5	Sapling/Pole	3		Wir	ntergreen	High	< 5 feet	Tall Shrub	
Red P	Pine	3	Log/Pole	10		Hawt	horn (spp.)	Low	5 - 10 feet	Tall Shrub	
White	Pine	2	Log/Pole	11		Wh	nite Pine	Low	10 - 20 feet	Sapling	
Quaking	Aspen	15	Pole/Sapling	6		Servicebe	erry (Juneberry)	Low	10 - 20 feet	Tall Shrub	
60	1133 - Aspe	n, Mixed P	ine S	awtimbe	er Well	7.9	70	111-140	N/A		This stand was left as a buffer along Long Lake when adjacent timber
Canopy	Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	sales were harvested. There is a natural pine patch in the east.
Jack F	Pine	3	Pole/Log	8		Wł	nite Pine	Low	< 5 feet	Sapling	
Scotch	Pine	1	Pole	9		Re	d Maple	Medium	Variable	Sapling	
Quaking	Aspen	3	Log/Pole	10		Servicebe	erry (Juneberry)	Low	10 - 20 feet	Tall Shrub	
Red M	aple	8	Pole/Log	8		Hud	ckleberry	Low	< 5 feet	Tall Shrub	
Balsan	n Fir	1	Pole	6		Black/Re	d (Hybrid) Oak	Low	10 - 20 feet	Sapling	
Black/Red (H	lybrid) Oak	3	Log	13		Wir	ntergreen	Medium	< 5 feet	Tall Shrub	
Black S	pruce	1	Log	10		Ta	ag Alder	Low	Variable	Tall Shrub	
White	Oak	2	Pole/Log	9				,			-
Bigtooth	Aspen	50	Log/Pole	11	70						
Northern F	Pin Oak	3	Log/Pole	11							
Red P	Pine	12	Log/Pole	13							
White	Pine	12	Log/Pole	13	85						
Paper I	Birch	1	Pole	8							
61	4130 -	Aspen		Sapling	Well	10.2	26	1-50	N/A		
Canopy	Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
Black C	herry	2	Sapling/Pole	4		Wir	ntergreen	High	< 5 feet	Tall Shrub	
Black/Red (H	lybrid) Oak	5	Sapling/Pole	4	ı	Blueberry/B	ilberry/Cranber	ry Medium	< 5 feet	Tall Shrub	
White	Oak	2	Pole/Sapling	6		Sw	eet Fern	Low	< 5 feet	Tall Shrub	
Northern F	Pin Oak	5	Sapling/Pole	3		Servicebe	erry (Juneberry)	Low	10 - 20 feet	Tall Shrub	
White	Pine	10	Pole	6							
Bigtooth	Aspen	15	Sapling/Pole	4	26						
Quaking	Aspen	56	Sapling	3	26						
Red M	aple	5	Sapling	2							
62	500 -	Water		Nonsto	cked	16.0			No		Long Lake



Stand	Level 4 Co	ver Type		Size Den	sity	Acres Stand Age I	BA Range	Managed :	Site	General Comments
63	310 - Herbace	eous Open	land	Nonstoc	ked	1.6				
						Sub-Canopy Species	Density	Avg. Height	Size	
						Mixed Sedges/Grasses	Full	Unspecified	Non-Wood	
						Black Cherry	Low	10 - 20 feet	Tall Shrub	
						Quaking Aspen	Low	Variable	Sapling	
64	622 - Lowl	land Shrub	)	Nonstoc	ked	11.2	Immature	No		Narrow areas mostly contain alder, while wide spots are mostly mixed
						Sub-Canopy Species	Density	Avg. Height	Size	sedges.
						Mixed Sedges/Grasses	Medium	Unspecified	Non-Wood	
						Willow spp.	Medium	5 - 10 feet	Tall Shrub	
						Leatherleaf	Medium	< 5 feet	Tall Shrub	
						Alder	Medium	5 - 10 feet	Tall Shrub	
						Meadowsweet	Low	< 5 feet	Tall Shrub	
						White Pine	Low	>20 feet	Sapling	
66	500 - 1	Water		Nonstoc	ked		Jnspecified	No		Open water with emergent fringe.
						Sub-Canopy Species		Avg. Height	Size	
						Leatherleaf	Low	< 5 feet	Tall Shrub	
						Mixed Sedges/Grasses	Low	Unspecified	Non-Wood	
67	4133 - Asper	n, Mixed P	ine S	Sawtimber	Wel		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 A	Age	Sub-Canopy Species	Density	Avg. Height	Size	with some rare aluer in the west. New Stand added.
	Red Pine	2	Log/Pole	13		Red Maple	Medium	10 - 20 feet	Sapling	
	White Pine	10	Pole/Log	9		Hawthorn (spp.)	Medium	5 - 10 feet	Tall Shrub	
	Jack Pine	10	Pole	8		Serviceberry (Juneberry	) Medium	10 - 20 feet	Tall Shrub	
Blac	k/Red (Hybrid) Oak	5	Log/Pole		87	White Oak	Trace	10 - 20 feet	Sapling	
١	Iorthern Pin Oak	5	Log	12		Jack Pine	Low	< 5 feet	Sapling	
	White Spruce	1	Log	14		Gray Dogwood	Low	5 - 10 feet	Tall Shrub	
	Bigtooth Aspen	15	Log/Pole	11	63	Cherry (spp.)	Low	Variable	Sapling	
	Balsam Fir	2	Pole	6		Northern Pin Oak	Low	10 - 20 feet	Sapling	
	Quaking Aspen	45	Log/Pole	10	63	White Pine	Medium	10 - 20 feet	Sapling	
	Red Maple			8		Alder		5 - 10 feet	Tall Shrub	



Stand	Level 4 Co	over Type		Size Density		Acres	Stand Age E	BA Range	Managed	Site		General Comments
68	6121 - 7	amarack		Poletimbe	r Wel	1 6.4	114	51-80	N/A		Too wet.	The east third is non-productive.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size		
	Tamarack	90	Pole	7	114	Blueberry/B	ilberry/Cranbe	rry Low	< 5 feet	Tall Shrub		
	Balsam Fir	2	Pole	6		Re	d Maple	Low	>20 feet	Sapling		
	Red Maple	5	Pole	7		Та	ag Alder	High	< 5 feet	Tall Shrub		
	Paper Birch	3	Pole	6		Wh	nite Pine	Low	Variable	Sapling		
						Lea	atherleaf	Medium	< 5 feet	Tall Shrub		
						Sphag	gnum Moss	High	Unspecified	Non-Wood		
						Blac	k Spruce	Trace	Variable	Sapling		
69	4130	- Aspen		Sapling	Well	15.6	15	Immature	N/A			
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size		
	Quaking Aspen	15	Sapling	2	15	Wit	ch Hazel	Low	< 5 feet	Tall Shrub		
	White Oak	1	Sapling	2		Hazeln	ut (Beaked)	Low	5 - 10 feet	Tall Shrub		
	Black Cherry	2	Sapling	2						,		
	Red Pine	2	Sapling	1								
	White Pine	5	Log/Pole	10								
	Bigtooth Aspen	55	Sapling	2	15							
	Red Maple	5	Sapling	2								
Blac	k/Red (Hybrid) Oak	15	Log	12	89							
70	4130	- Aspen		Sapling	Well	14.4	6	Immature	N/A		,	ak and aspen leave trees remain under 10BA. The north 3-5 ows a composition shift to red maple and oak and poorer
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	stocking	
Blac	k/Red (Hybrid) Oak	3	Sapling	1		Blackbe	rry/Raspberry	Low	< 5 feet	Tall Shrub		
	White Oak	2	Sapling	1		Mixed Se	edges/Grasses	Medium	Unspecified	Non-Wood		
	Quaking Aspen	10	Sapling	1	6							
	White Pine	5	Sapling	2								
	Bigtooth Aspen	55	Sapling	1	6							
	Red Maple	15	Sapling	2								
Ν	lorthern Pin Oak	5	Sapling	1								
	Black Cherry	5	Sapling	1								



Stand	tand Level 4 Cover Type		Size Density			ty Acres Stand Age BA Range			Managed Site		General Comments
71	4131 - As	spen, Oak	:	Saplino	y Well	14.7	26	1-50	N/A		This stand should be a pole stand in the next inventory. There are a few
Cano	py Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	open patches with more white oak than normal. There also is invasive honeysuckle.
Black/Red	l (Hybrid) Oak	10	Sapling	2		Re	ed Maple	Medium	< 5 feet	Seeding	noncysackie.
Whi	ite Pine	3	Sapling/Pole	4		W	hite Pine	Low	< 5 feet	Seeding	
Serviceber	ry (Juneberry)	2	Sapling	1		Haw	thorn (spp.)	Trace	5 - 10 feet	Tall Shrub	
Black	k Cherry	5	Sapling	1							-
Bigtoc	oth Aspen	65	Sapling/Pole	3	26						
Red	d Maple	5	Sapling	1							
Whi	ite Oak	5	Sapling	1							
Northe	rn Pin Oak	5	Sapling	2							
72	4125 - Blacl	k, N. Pin O	ak Sav	wtimbe	Medi	um 20.0	83	51-80	N/A		Site quality improves to the south. Oak densities are highly variable from 0BA to about 100BA.
Cano	py Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	OBA to about 100BA.
Black/Red	l (Hybrid) Oak	96	Log/Pole	11	83	Wi	tch Hazel	Low	5 - 10 feet	Tall Shrub	
Whi	ite Oak	2	Pole/Log	9		W	hite Pine	Trace	10 - 20 feet	Sapling	
Red	d Maple	2	Pole	6		Blueberry/E	Bilberry/Cranberr	y Low	< 5 feet	Tall Shrub	
						Bigto	ooth Aspen	Medium	>20 feet	Sapling	
						Hazel	nut (Beaked)	Trace	5 - 10 feet	Tall Shrub	
						Wi	ntergreen	High	< 5 feet	Tall Shrub	
						Re	ed Maple	High	Variable	Sapling	
73		- Aspen		oletimb		_		31-110	N/A		Site quality generally looks poorer in the south and on high spots. It's a nice stand for its age.
	py Species	% Cover	Size Class		Age		nopy Species	Density	Avg. Height	Size	There's more oak to the north and west and some very ice aspen leading
	ite Pine	2	Pole	8			ed Maple	Medium	Variable	Sapling	to Long Lake.
	d Maple	3	Pole/Sapling	5			ntergreen	High	< 5 feet	Tall Shrub	
	d Pine	2	Log	15			hite Oak	Trace	10 - 20 feet	Sapling	
	l (Hybrid) Oak	15	Pole	7			erry (Juneberry)	Low	10 - 20 feet	Tall Shrub	
Quaki	ng Aspen	5	Pole/Sapling	5			hite Pine	Trace	5 - 10 feet	Sapling	
Bigtoo	oth Aspen	73	Pole/Sapling	6	38		ted Pine	Trace	5 - 10 feet	Sapling	
							sier Dogwood	Trace	5 - 10 feet	Tall Shrub	
						Wi	tch Hazel	Low	5 - 10 feet	Tall Shrub	
74	4130 -	- Aspen		Sapling	y Well	35.1	26	1-50	N/A		
Cano	py Species	% Cover	Size Class	_	Age	Sub-Ca	anopy Species	Density	Avg. Height	Size	
Black/Red	l (Hybrid) Oak	10	Sapling/Pole	3		Serviceb	erry (Juneberry)	Low	5 - 10 feet	Tall Shrub	
Whi	ite Pine	5	Sapling	3		Wi	ntergreen	High	< 5 feet	Tall Shrub	
Re	d Pine	1	Sapling	2		Blueberry/E	Bilberry/Cranberr	y Low	< 5 feet	Tall Shrub	
Pape	er Birch	2	Sapling	3		Wi	tch Hazel	Low	5 - 10 feet	Tall Shrub	
Red	d Maple	15	Sapling	3		W	hite Pine	Low	Variable	Sapling	
Quaki	ng Aspen	15	Sapling/Pole	3	26	Hazel	nut (Beaked)	Low	5 - 10 feet	Tall Shrub	
											-

Bigtooth Aspen

52

Sapling/Pole

26

2

Sapling

Report 7 - Stands

Compartment: 119 Year of Entry: 2026



Stand Level 4 Cover Type			Size Density		Acres	cres Stand Age BA Rang		Managed	Site	General Comments
<b>75</b> 622 - Lov	wland Shru	b	Nonsto	cked	30.1	Ir	mmature	No		
					Sub-Ca	nopy Species	Density	Avg. Height	Size	
					Mea	dowsweet	Medium	< 5 feet	Tall Shrub	
					Mixed Se	edges/Grasses	High	Unspecified	Non-Wood	
					WI	nite Pine	Low	5 - 10 feet	Sapling	
					Spha	gnum Moss	High	Unspecified	Non-Wood	
					Ca	ttail spp.	Low	Unspecified	Non-Wood	
						Alder	Low	5 - 10 feet	Tall Shrub	
					Ta	ımarack	Low	10 - 20 feet	Sapling	
					Ja	ck Pine	Low	10 - 20 feet	Sapling	
<b>76</b> 42290 - Nate			oletimb	er We	ll 34.5	75	81-110	N/A		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
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	wetland. The clearcut in the compartment to the east (54123085) looks
White Pine	5	Pole/Log/XLog	_			ed Pine	Low	10 - 20 feet	Sapling	like a fully stocked natural mix of about 60% 1" pin oak and 40% 2" jack
Red Maple	5	Pole	7		WI	nite Pine	Low	Variable	Sapling	pine.
Red Pine	30	Log/Pole	11	62	Cladonia (	Reindeer moss)	Low	Unspecified	Non-Wood	
Jack Pine	38	Pole	8	75	Hu	ckleberry	Medium	< 5 feet	Tall Shrub	
White Oak	2	Pole	8		Wir	ntergreen	Medium	< 5 feet	Tall Shrub	
Northern Pin Oak	10	Pole	8		North	ern Pin Oak	Medium	10 - 20 feet	Sapling	
Quaking Aspen	5	Pole	9		W	nite Oak	Trace	10 - 20 feet	Sapling	
Bigtooth Aspen	5	Pole	8		Che	erry (spp.)	Low	5 - 10 feet	Sapling	
					Blueberry/E	ilberry/Cranber	ry High	< 5 feet	Tall Shrub	
						Beech	Trace	5 - 10 feet	Sapling	
<b>77</b> 4130	- Aspen		Sapling	Well	15.4	15	1-50	N/A		Perhaps about 10BA of log size northern pin and hybrid oak at 86 years
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	oid.
Bigtooth Aspen	80	Sapling	2	15	Wir	ntergreen	High	< 5 feet	Tall Shrub	
Northern Pin Oak	2	Sapling	2	15	Servicebe	erry (Juneberry)	Low	10 - 20 feet	Tall Shrub	
Black/Red (Hybrid) Oak	8	Sapling	2	15						-
Red Maple	Red Maple 5 Sapling 2									

Quaking Aspen

5

rt 7 – Stands

DNR DNR

Compartment: 119

Year of Entry: 2026

Stand **Level 4 Cover Type** Size Density Managed Site **General Comments** Acres Stand Age BA Range 4191 - Mixed Upland Deciduous with 60 1-50 N/A Sawtimber Medium 6.7 Portions look maintained as by vehicles running over the area repeatedly 78 Conifer or browse. Considerable elk sign in north. Aspen are low to medium quality, with a Size Class DBH Age Size **Canopy Species** % Cover **Sub-Canopy Species** Density Avg. Height few different ages. 40, 60, and 80 years old by the looks of it. Northern Pin Oak 15 Log/Pole 10 Red Maple Medium >20 feet Sapling 25 10 Quaking Aspen Log/Pole 60 Jack Pine Low Variable Sapling Black/Red (Hybrid) Oak 10 Log 13 75 Northern Pin Oak Medium 10 - 20 feet Sapling 15 11 Tall Shrub Red Pine Loa/Pole Blueberry/Bilberry/Cranberry Medium < 5 feet Red Maple 5 7 < 5 feet Tall Shrub Pole Sweet Fern Medium 5 12 Bigtooth Aspen Log Black Cherry Trace 10 - 20 feet Sapling White Oak 5 Log/Pole 10 Mixed Sedges/Grasses Unspecified Non-Wood Medium White Pine 5 12 Red Pine Log Low 10 - 20 feet Sapling 15 8 Jack Pine Pole White Pine Low Variable Sapling 310 - Herbaceous Openland 79 Nonstocked 3.2 **Immature** No **Sub-Canopy Species** Density Avg. Height Size Jack Pine Trace 10 - 20 feet Sapling Cherry (spp.) Low 10 - 20 feet Tall Shrub Northern Pin Oak 10 - 20 feet Low Sapling Sweet Fern Medium < 5 feet Tall Shrub Big Bluestem Unspecified Non-Wood Low White Pine Trace >20 feet Sapling Red Pine Trace 5 - 10 feet Sapling Mixed Sedges/Grasses Full Non-Wood Unspecified Bigtooth Aspen >20 feet Sapling Low 310 - Herbaceous Openland 0 Nonstocked 1.3 **Immature** No Some non-native honeysuckle at the far western end. 80 **Sub-Canopy Species** Density Avg. Height Size Tall Shrub Willow spp. Trace < 5 feet Black Cherry Variable Tall Shrub Low Mixed Sedges/Grasses High Unspecified Non-Wood Big Bluestem Unspecified Non-Wood Low Little Bluestem Low Unspecified Non-Wood Amur Honeysuckle 5 - 10 feet Tall Shrub Trace Sweet Fern Medium < 5 feet Tall Shrub Jack Pine Low < 5 feet Seeding

Report 7 – Stands

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Stand **Level 4 Cover Type** Size Density **Managed Site General Comments** Acres Stand Age BA Range 4191 - Mixed Upland Deciduous with 9.4 N/A Sapling Medium 14 **Immature** The same kind of site probably extended northward from here to the 81 Conifer current pine plantation and the mixed deciduous adjacent to private property. See stand 10 for notes. The understory is dense with invasive Size Class **Canopy Species** % Cover **DBH Age Sub-Canopy Species** Density Avg. Height Size honeysuckle around the old landing in the south. Stumps look like the Red Pine 5 Pole/Sapling 5 Sweet Fern Low < 5 feet Tall Shrub previous stand contained more red and lack pine than present. 4 Red Maple 10 Sapling/Pole Honeysuckle (spp.) Low 5 - 10 feet Tall Shrub Balsam Fir 2 Sapling/Pole 4 Blueberry/Bilberry/Cranberry Medium < 5 feet Tall Shrub 2 5 14 Tall Shrub Quaking Aspen Sapling Hawthorn (spp.) Trace 5 - 10 feet White Pine 8 4 Sapling/Pole Pennsylvania Sedge Medium 5 - 10 feet Non-Wood 50 3 Northern Pin Oak Sapling/Pole 14 Serviceberry (Juneberry) Low 5 - 10 feet Tall Shrub Jack Pine 15 2 Sapling 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 Quaking Aspen 30 Log/Pole 12 Mixed Sedges/Grasses Unspecified Non-Wood Low Black Cherry 13 4 Serviceberry (Juneberry) Tall Shrub Sapling/Pole Low 10 - 20 feet Northern Pin Oak 10 6 5 - 10 feet Tall Shrub Pole Honevsuckle (spp.) Low 7 White Pine 10 Pole White Pine Iow 10 - 20 feet Sapling Balsam Fir 2 Pole 7 Hawthorn (spp.) 5 - 10 feet Tall Shrub Low Red Maple 5 Sapling/Pole 4 Sweet Fern Low < 5 feet Tall Shrub 30 9 Jack Pine Pole 67 4199 - Other Mixed Upland Deciduous Sapling Well 37.0 28 1-50 N/A Should be a pole stand in the next inventory cycle. 89 Size Class Size **Canopy Species** % Cover **DBH Age Sub-Canopy Species** Density Avg. Height Tall Shrub Jack Pine 2 Sapling/Pole 4 Blueberry/Bilberry/Cranberry Medium < 5 feet Northern Pin Oak 18 4 28 Witch Hazel 5 - 10 feet Tall Shrub Sapling/Pole Trace Black/Red (Hybrid) Oak 34 Sapling/Pole 4 28 Red Maple Medium < 5 feet Sapling 4 Quaking Aspen 3 Sapling/Pole Hawthorn (spp.) Trace 5 - 10 feet Tall Shrub 13 4 Northern Pin Oak 5 - 10 feet Bigtooth Aspen Sapling/Pole Low Sapling Red Pine 2 Sapling 1 Paper Birch 2 Sapling/Pole 4 White Pine 8 Sapling/Pole 4 White Oak 3 Sapling/Pole 4 13 3 Red Maple Sapling Serviceberry (Juneberry) 2 Sapling 1 622 - Lowland Shrub Nonstocked 1.4 **Immature** No 90 **Sub-Canopy Species** Density Avg. Height Size Tall Shrub Willow spp. High 5 - 10 feet Mixed Sedges/Grasses Medium Unspecified Non-Wood Meadowsweet Low < 5 feet Tall Shrub



Stand	Level 4 C	over Type		Size Density			sity Acres Stand Age BA Range			Site	General Comments
92	4133 - Asp	en, Mixed P	rine	Sawtimb	er We	ll 7.1	57	111-140	N/A		Fairly dense, mostly aspen area separated from the prior stand.
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	White Pine	2	Pole	6		Wir	itergreen	Medium	< 5 feet	Tall Shrub	
	Red Pine	15	Log/Pole	10	54	Che	rry (spp.)	Low	5 - 10 feet	Sapling	
	Jack Pine	5	Pole	8	59	Re	ed Pine	Low	Variable	Sapling	
1	Northern Pin Oak	5	Pole	9		Northe	ern Pin Oak	Low	10 - 20 feet	Sapling	
	Bigtooth Aspen	73	Log/Pole	10	57	Wh	nite Pine	Low	Variable	Sapling	
						Blueberry/B	ilberry/Cranber	ry High	< 5 feet	Tall Shrub	
						Servicebe	erry (Juneberry)	Low	10 - 20 feet	Sapling	
93	42290 - Nat	ural Mixed F	Pine	Sawtimb	er We	ll 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
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	origin. Red pine occurs in about 2 ages: 100-120 year old log and large
	Red Maple	5	Pole	7		Servicebe	erry (Juneberry)	Low	10 - 20 feet	Tall Shrub	log "seed trees" and 60 year old progeny in log and pole size classes.
	Bigtooth Aspen	5	Pole/Log	8		E	Beech	Trace	< 5 feet	Sapling	Sometimes these ages occur together seemingly illustrating the natural
	White Oak	2	Log	11		Northe	ern Pin Oak	Low	10 - 20 feet	Sapling	origin of the stand.
1	Northern Pin Oak	10	Pole/Log	8		Wł	nite Oak	Trace	10 - 20 feet	Sapling	
	White Pine	3	Pole/Log	9		Blueberry/B	ilberry/Cranbe	ry Medium	< 5 feet	Tall Shrub	
	Jack Pine	25	Pole	7	59	Cladonia (	Reindeer moss	) Low	Unspecified	Non-Wood	
	Red Pine	50	Log/Pole	11	62	Wir	ntergreen	Medium	< 5 feet	Tall Shrub	
						Hud	ckleberry	Low	< 5 feet	Tall Shrub	
						Wh	nite Pine	Low	Variable	Sapling	
						Che	rry (spp.)	Low	5 - 10 feet	Tall Shrub	
						Re	ed Pine	Low	10 - 20 feet	Sapling	
94	622 - Lov	wland Shrub	)	Nonst	ocked	9.8	1	mmature	No		Tomahawk creek corridor
						Sub-Ca	nopy Species	Density	Avg. Height	Size	
						Mixed Se	dges/Grasses	High	Unspecified	Non-Wood	
						Ja	ck Pine	Low	5 - 10 feet	Sapling	
						Sphag	gnum Moss	Medium	Unspecified	Non-Wood	
							Alder	Medium	5 - 10 feet	Tall Shrub	
						Wil	low spp.	Low	< 5 feet	Tall Shrub	
						Spir	aea spp.	High	< 5 feet	Tall Shrub	

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Stand	Level 4 Cover Type		S	Size De	ensity	Acres	Acres Stand Age BA Range			Site	General Comments	
95	42221 - Natural Jack Pine, Mixed Po Deciduous		Mixed Pole	oletimber Mediur		um 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	
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Can	opy Species	Density	Avg. Height	Size	stand was left as a stream buffer.	
	Jack Pine	63	Pole/Log	8	60	Blueberry/Bil	berry/Cranber	ry Medium	< 5 feet	Tall Shrub		
	White Oak	5	Sapling/Pole	4		Norther	n Pin Oak	Low	10 - 20 feet	Sapling		
	Red Maple	5	Sapling/Pole	4		В	eech	Trace	5 - 10 feet	Sapling		
١	Northern Pin Oak	10	Sapling/Pole	4		Wint	ergreen	High	< 5 feet	Tall Shrub		
	Quaking Aspen	10	Sapling	4	26	Mixed Sec	lges/Grasses	Medium	Unspecified	Non-Wood		
	Balsam Fir	2	Pole	7		Serviceber	ry (Juneberry)	Low	10 - 20 feet	Tall Shrub		
	Red Pine	5	Log/Pole	12								
100	4130	- Aspen	;	Saplin	g Well	10.8	5 I	mmature	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	
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Can	opy Species	Density	Avg. Height	Size	well stocked sapling aspen where the stand to the west was a mix of jack	
1	Northern Pin Oak	15	Sapling	1		Swe	et Fern	Low	< 5 feet	Tall Shrub	pine and northern pin oak. Eastern portions of the two southern lobes	
	Black Cherry	5	Sapling	1		Mixed Sec	lges/Grasses	High	Unspecified	Non-Wood	tend to be well browsed however.	
	Quaking Aspen	30	Sapling	1		Red	Maple	Low	< 5 feet	Sapling		
	White Pine	2	Sapling	1								
	Red Pine	1	Sapling	1								
	Bigtooth Aspen	37	Sapling	1	5							
	Jack Pine	10	Sapling	1	5							
101												
	4311 - Pine	e, Aspen M	ix S	awtimb	er We	II 3.1	100	81-110	N/A		Many red pine, often in dense patches, are probably at or near legacy	
	4311 - Pine	•	ix Size Class		er We		100 opy Species	81-110 <b>Density</b>	N/A Avg. Height	Size	Many red pine, often in dense patches, are probably at or near legacy status.	
		•				Sub-Can				<b>Size</b> Sapling		
	Canopy Species	% Cover	Size Class	DBH		Sub-Can Whi	opy Species	Density	Avg. Height			
	Canopy Species Bigtooth Aspen	% Cover	Size Class Pole/Log/Sap	8 12	l Age	Sub-Can Whi Serviceber	opy Species te Pine	<b>Density</b> Low	Avg. Height Variable	Sapling		
	Canopy Species Bigtooth Aspen Quaking Aspen	% Cover 5 15	Size Class Pole/Log/Sap Log/Pole	8 12	l Age	Sub-Can Whi Serviceber Bals	opy Species te Pine ry (Juneberry)	Low Low	Avg. Height Variable 10 - 20 feet	Sapling Tall Shrub		
	Canopy Species Bigtooth Aspen Quaking Aspen White Pine	% Cover 5 15 15	Size Class Pole/Log/Sap Log/Pole Log/XLog/Pole	8 12 14	<b>1 Age</b> 75	Sub-Can Whi Serviceber Bals	opy Species te Pine ry (Juneberry) cam Fir	Low Low Trace	Avg. Height Variable 10 - 20 feet >20 feet	Sapling Tall Shrub Sapling		
	Canopy Species Bigtooth Aspen Quaking Aspen White Pine Red Pine	% Cover 5 15 15 41	Size Class Pole/Log/Sap Log/Pole Log/XLog/Pole XLog/Log	DBH           8           12           14           18	<b>1 Age</b> 75	Sub-Can Whi Serviceber Bals	opy Species te Pine ry (Juneberry) cam Fir	Low Low Trace	Avg. Height Variable 10 - 20 feet >20 feet	Sapling Tall Shrub Sapling		
	Canopy Species Bigtooth Aspen Quaking Aspen White Pine Red Pine White Oak	% Cover 5 15 15 41 2	Size Class Pole/Log/Sap Log/Pole Log/XLog/Pole XLog/Log Pole	DBH 8 12 14 18 8	<b>1 Age</b> 75	Sub-Can Whi Serviceber Bals	opy Species te Pine ry (Juneberry) cam Fir	Low Low Trace	Avg. Height Variable 10 - 20 feet >20 feet	Sapling Tall Shrub Sapling		
	Canopy Species Bigtooth Aspen Quaking Aspen White Pine Red Pine White Oak Northern Pin Oak	% Cover 5 15 15 41 2 2 20	Size Class Pole/Log/Sap Log/Pole Log/XLog/Pole XLog/Log Pole Pole Log/Pole	DBH 8 12 14 18 8 7	75 100	Sub-Can Whi Serviceber Bals Hazelnu	opy Species te Pine ry (Juneberry) cam Fir	Low Low Trace	Avg. Height Variable 10 - 20 feet >20 feet	Sapling Tall Shrub Sapling	This small stand is probably a buffer for Tomahawk Creek left from a	
ı	Canopy Species Bigtooth Aspen Quaking Aspen White Pine Red Pine White Oak Northern Pin Oak Red Maple	% Cover 5 15 15 41 2 2 20 ural Jack P	Size Class Pole/Log/Sap Log/Pole Log/XLog/Pole XLog/Log Pole Pole Log/Pole	B	75 100	Sub-Can Whi Serviceber Bals Hazelnu	opy Species te Pine ry (Juneberry) sam Fir it (Beaked)	Low Low Trace Medium	Avg. Height Variable 10 - 20 feet >20 feet 5 - 10 feet	Sapling Tall Shrub Sapling	status.	
102	Canopy Species Bigtooth Aspen Quaking Aspen White Pine Red Pine White Oak Northern Pin Oak Red Maple  42220 - Nate	% Cover 5 15 15 41 2 2 20 ural Jack P	Size Class Pole/Log/Sap Log/Pole Log/XLog/Pole XLog/Log Pole Pole Log/Pole	B	75 100 per We	Sub-Can Whi Serviceber Bals Hazelnu II 7.2 Sub-Can	opy Species te Pine ry (Juneberry) sam Fir tt (Beaked)	Density Low Low Trace Medium	Avg. Height Variable 10 - 20 feet >20 feet 5 - 10 feet	Sapling Tall Shrub Sapling Tall Shrub	This small stand is probably a buffer for Tomahawk Creek left from a previous harvest.	
102	Canopy Species Bigtooth Aspen Quaking Aspen White Pine Red Pine White Oak Northern Pin Oak Red Maple  42220 - Nate Canopy Species	% Cover  5 15 15 41 2 2 20  ural Jack P	Size Class Pole/Log/Sap Log/Pole Log/XLog/Pole XLog/Log Pole Pole Log/Pole ine Pole Size Class	B	75 100 per We	Sub-Can Whi Serviceber Bals Hazelnu  II 7.2 Sub-Can Serviceber	opy Species te Pine ry (Juneberry) sam Fir tt (Beaked)  82 opy Species	Density Low Low Trace Medium  51-80 Density	Avg. Height Variable 10 - 20 feet >20 feet 5 - 10 feet  N/A  Avg. Height	Sapling Tall Shrub Sapling Tall Shrub	This small stand is probably a buffer for Tomahawk Creek left from a previous harvest.	
102	Canopy Species  Bigtooth Aspen Quaking Aspen White Pine Red Pine White Oak Northern Pin Oak Red Maple  42220 - Nate Canopy Species Northern Pin Oak	% Cover	Size Class Pole/Log/Sap Log/Pole Log/XLog/Pole XLog/Log Pole Pole Log/Pole ine Pole Size Class Pole	B	75 100 per We	Sub-Can Whi Serviceber Bals Hazelnu  II 7.2 Sub-Can Serviceber Whi	opy Species te Pine ry (Juneberry) sam Fir ut (Beaked)  82 opy Species ry (Juneberry)	Density Low Low Trace Medium  51-80 Density Low	Avg. Height Variable 10 - 20 feet >20 feet 5 - 10 feet  N/A  Avg. Height 5 - 10 feet	Sapling Tall Shrub Sapling Tall Shrub Size Tall Shrub	This small stand is probably a buffer for Tomahawk Creek left from a previous harvest.	
102	Canopy Species Bigtooth Aspen Quaking Aspen White Pine Red Pine White Oak Northern Pin Oak Red Maple  42220 - Nate Canopy Species Northern Pin Oak Bigtooth Aspen	% Cover 5 15 15 41 2 2 20  ural Jack P % Cover 5 10	Size Class Pole/Log/Sap Log/Pole Log/XLog/Pole XLog/Log Pole Pole Log/Pole ine Pole Size Class Pole Log/Pole	DBH  8  12  14  18  8  7  10  DBH  7  10	75 100 per We	Sub-Can Whi Serviceber Bals Hazelnu  II 7.2 Sub-Can Serviceber Whi Huck	opy Species te Pine ry (Juneberry) sam Fir tt (Beaked)  82  opy Species ry (Juneberry) te Pine	Density  Low Low Trace Medium  51-80  Density Low Medium	Avg. Height Variable 10 - 20 feet >20 feet 5 - 10 feet  N/A  Avg. Height 5 - 10 feet 10 - 20 feet	Sapling Tall Shrub Sapling Tall Shrub Size Tall Shrub Sapling	This small stand is probably a buffer for Tomahawk Creek left from a previous harvest.	
102	Canopy Species Bigtooth Aspen Quaking Aspen White Pine Red Pine White Oak Northern Pin Oak Red Maple  42220 - Nate Canopy Species Northern Pin Oak Bigtooth Aspen Quaking Aspen	% Cover 5 15 15 41 2 2 20 ural Jack P % Cover 5 10 5	Size Class Pole/Log/Sap Log/Pole Log/XLog/Pole XLog/Log Pole Pole Log/Pole  Size Class Pole Log/Pole Pole/Log	BB	75 100 per We	Sub-Can Whi Serviceber Bals Hazelnu  II 7.2 Sub-Can Serviceber Whi Huck Norther	sam Fir It (Beaked)  82  opy Species ry (Juneberry) te (Beaked)  82  opy Species ry (Juneberry) te Pine kleberry	Density  Low Low Trace Medium  51-80  Density Low Medium Low	Avg. Height Variable 10 - 20 feet >20 feet 5 - 10 feet  N/A  Avg. Height 5 - 10 feet 10 - 20 feet < 5 feet	Sapling Tall Shrub Sapling Tall Shrub Size Tall Shrub Sapling Tall Shrub	This small stand is probably a buffer for Tomahawk Creek left from a previous harvest.	
102	Canopy Species Bigtooth Aspen Quaking Aspen White Pine Red Pine White Oak Northern Pin Oak Red Maple  42220 - Nate Canopy Species Northern Pin Oak Bigtooth Aspen Quaking Aspen Red Maple	% Cover 5 15 15 41 2 2 20 ural Jack P % Cover 5 10 5 5	Size Class Pole/Log/Sap Log/Pole Log/XLog/Pole XLog/Log Pole Pole Log/Pole  ine Pole Size Class Pole Log/Pole Pole/Log Pole/Sapling	DBH  8 12 14 18 8 7 10  Oletimb  DBH 7 10 9 5	75 100 per We	Sub-Can Whi Serviceber Bals Hazelnu  II 7.2 Sub-Can Serviceber Whi Huck Norther	sam Fir ti (Beaked)  82  opy Species ry (Juneberry) te Pine te Pine deberry rn Pin Oak	Density Low Low Trace Medium  51-80 Density Low Medium Low Medium	Avg. Height  Variable  10 - 20 feet  >20 feet  5 - 10 feet  N/A  Avg. Height  5 - 10 feet  10 - 20 feet  < 5 feet  10 - 20 feet	Sapling Tall Shrub Sapling Tall Shrub Size Tall Shrub Sapling Tall Shrub Sapling Tall Shrub	This small stand is probably a buffer for Tomahawk Creek left from a previous harvest.	

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Stand Level 4 C	over Type	S	ize De	nsity	Acres S	Stand Age B	A Range	ge Managed Site		General Comments
<b>109</b> 4125 - Bla	ck, N. Pin O	ak Saw	Sawtimber Medium 13.3 86 1-50 N/A			This stand generally looks like sparse log oak canopy with sapling red				
Canopy Species % Cover Size Clas			DBH	l Age	Sub-Can	opy Species	Density	Avg. Height	Size	maple, black cherry, and oak under the denser areas and aspen in the more open areas. Some canopy oak show die back
Northern Pin Oak	8	Pole/Log	9		Black/Red	(Hybrid) Oak	Low	10 - 20 feet	Sapling	more open areas. Some carrepy san crieff are basic
Black/Red (Hybrid) Oak	90	Log	14	86	Witch	n Hazel	Low	< 5 feet	Tall Shrub	
White Oak	2	Log	10		Red	Maple	Medium	10 - 20 feet	Sapling	
			-		Bigtoo	th Aspen	High	>20 feet	Sapling	
					Black	Cherry	Low	10 - 20 feet	Sapling	
					Whit	e Pine	Low	10 - 20 feet	Sapling	
					Hazelnu	t (Beaked)	Low	5 - 10 feet	Tall Shrub	
					Red	d Pine	Trace	10 - 20 feet	Sapling	
<b>111</b> 4125 - Bla	ck, N. Pin O	ak Saw	vtimber	Mediur	n 11.4	84	81-110	N/A		The result of past species removal harvests.
Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Can	opy Species	Density	Avg. Height	Size	
White Oak	3	Pole	7		Bigtoo	th Aspen	Low	>20 feet	Sapling	
Northern Pin Oak	15	Log	12	84	Whit	e Pine	Low	10 - 20 feet	Sapling	
Red Pine	2	Log	14		Red	Maple	Medium	Variable	Sapling	
Black/Red (Hybrid) Oak	80	Log/Pole	12	84	Jac	k Pine	Trace	10 - 20 feet	Sapling	
					Winte	ergreen	High	< 5 feet	Tall Shrub	
					Serviceber	y (Juneberry)	Low	10 - 20 feet	Tall Shrub	
					Norther	n Pin Oak	Low	10 - 20 feet	Sapling	
<b>113</b> 4133 - Asp	en, Mixed P	ine Po	oletimb	er Well	6.3	48	51-80	N/A		Stand buffers creek. Beaver activity in area.
Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Can	opy Species	Density	Avg. Height	Size	
Balsam Fir	2	Pole/Sapling	6		Whit	e Pine	Low	10 - 20 feet	Sapling	
Quaking Aspen	42	Pole	8	48	Honeysu	ickle (spp.)	Low	5 - 10 feet	Tall Shrub	
White Pine	5	Log/Pole	11		Black/Red	(Hybrid) Oak	Trace	Variable	Sapling	
Red Maple	7	Log/Pole	10		Serviceber	y (Juneberry)	Low	10 - 20 feet	Tall Shrub	
White Spruce	2	Pole	8		Cheri	y (spp.)	Low	10 - 20 feet	Tall Shrub	
Bigtooth Aspen	5	Log/Pole	10		Red	Maple	Low	Variable	Sapling	
Northern Pin Oak	3	Pole/Log	9		Hawtho	orn (spp.)	Trace	5 - 10 feet	Tall Shrub	
	_		-			(-1.1.)			ran Omas	
Jack Pine	10	Pole	6			(-11-)		<u>I</u>	Tan Omas	
Jack Pine Red Pine		Pole Log				(-11-7			Tan Omas	

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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age B	A Range	Managed Site	•	General Comments	M.
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 2 years ago. Honeysuckle is densest to the south along the trail.	6
	Canony Species % Coyor Size Class	DRH Ago	Sub-Ca	nony Species	Doncity	Ava Hojaht	Sizo		

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

Density	Avg. Height	Size
Trace	5 - 10 feet	Tall Shrub
Trace	10 - 20 feet	Tall Shrub
Low	5 - 10 feet	Tall Shrub
Medium	5 - 10 feet	Sapling
	Trace Trace Low	Trace         5 - 10 feet           Trace         10 - 20 feet           Low         5 - 10 feet

	Canany Cassiss	0/ Cover Sine (	Class DBU Age	Cub Car	aanu Chaaiaa	Danaitu	Ava Haimbt	C:
116	16 42290 - Natural Mixed Pine		Sawtimber Well	6.7	96	111-140	N/A	

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

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

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.

Compartment: 119 Year of Entry: 2026



Stand Lev	Level 4 Cover Type		Size Density A			Acres Stand Age BA Range Managed Site		Site	General Comments		
117 42220	42220 - Natural Jack Pine Pol			per Medium 18.9 67 8			B1-110 N/A			Current ages for red pine and jack pine support previous inventory. Red	
Canopy Spe	cies % Cove	r Size Class	DBH	l Age	Sub-Canopy	Species	Density	Avg. Height	Size	pine in the north probably planted along with the plantation across the creek. Stand buffers creek. Beaver activity in area. Stand includes a	
Red Maple	3	Pole/Log	8		Jack Pir	ne	Medium	< 5 feet	Sapling	jack pine island cut off by Tomahawk Creek on either side.	
Black Cherry	/ 2	Pole	6		White Pi	ne	Trace	Variable	Sapling		
Bigtooth Aspe	en 3	Pole	8		Serviceberry (Ju	uneberry)	Low	10 - 20 feet	Tall Shrub		
Balsam Popla	ar 2	Pole/Sapling	5		Blueberry/Bilberry	/Cranberry	Medium	< 5 feet	Tall Shrub		
Northern Pin O	ak 5	Pole	6		Mixed Sedges/	Grasses	Medium	Unspecified	Non-Wood		
Jack Pine	63	Pole/Log	9	67	Red Map	ole	Trace	Variable	Sapling		
Balsam Fir	2	Pole/Sapling	6		Honeysuckle	(spp.)	Low	5 - 10 feet	Tall Shrub		
Quaking Aspe	en 5	Log/Pole	12		Northern Pir	n Oak	Low	5 - 10 feet	Sapling		
White Pine	5	Log	13		Hawthorn (s	spp.)	Trace	5 - 10 feet	Tall Shrub		
Red Pine	10	Log	12				1		'		
<b>118</b> 4191 - Mixe	ed Upland Decid Conifer	uous with Sa	apling I	Mediu	m 4.6 2	6	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	
Canopy Spe	cies % Cove	r Size Class	DBH	l Age	Sub-Canopy	Species	Density	Avg. Height	Size	quality. Beavers largely wiped aspen out on eastern island. Invasive honeysuckle on eastern island	
Northern Pin O	)ak 10	Sanling/Pole	1		White Pi	ne	Low	10 - 20 feet	Sanling	nonoyouonio on ouotom iolana	

Northern Pin Oak Sapling/Pole White Pine 10 - 20 feet Sapling 10 Low Black/Red (Hybrid) Oak Sapling/Pole Sapling 15 4 Northern Pin Oak Low 10 - 20 feet Black Cherry 5 Sapling 3 Wintergreen < 5 feet Tall Shrub High 4 Red Maple 10 Sapling/Pole Blueberry/Bilberry/Cranberry Medium < 5 feet Tall Shrub 8 Hawthorn (spp.) Jack Pine 10 Pole 5 - 10 feet Tall Shrub Trace 10 10 Sapling White Pine Log/Pole Black/Red (Hybrid) Oak Low 10 - 20 feet 30 Sapling/Pole Quaking Aspen 4 26 Serviceberry (Juneberry) 10 - 20 feet Tall Shrub Medium