



Compartment Review Presentation

Atlanta Forest Management Unit

Compartment 54091

Entry Year 2025

Acreage: 1,254

County Alpena

Management Area: Huron Sandy Lake Plain

Stand Examiner: Dale Parris

Legal Description:

T30N R08E Sections 19, 30, and 31

Identified Planning Goals:

All harvests have been prescribed following the direction indicated in the Huron Sandy Lake Plain Management Area (HSLPMA) Plan and Timber Analysis. In all cases the unique characteristics of the individual stand was taken into consideration when writing the prescription. For the purpose of balancing the age class acre distributions of covertypes across the Management Area (MA), forest management during the 2025 YOY in the HSLPMA will focus on the major covertypes for the individual compartments. Wildlife, recreation, aesthetics, adjacent stands, and the larger landscape were considered in all management decisions.

Soil and topography:

The overall topography in Compartment 91 is flat. The drainage of the soil, as a whole, is poor. The upland areas are mostly comprised of the somewhat poorly drained Au Gres sand with lesser amounts of the moderately well drained Croswell sand. The lowland areas are dominated by the poorly drained Deford muck and very poorly drained Tawas muck.

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

Compartment 91 is mostly surrounded by additional state land. Private large acreage recreational properties and year around residencies are adjacent to the compartment to the southwest. The area further to the west is dominated by farmland. Devils Lake is within a half mile to the east.

Unique Natural Features:

The northwest portion of the compartment is dominated by white pine planted in 1919. Small natural and planted red pine stands are present within the compartment. Lowland aspen stands dominate the southwest area of the compartment with varying size cedar dominate stands being found throughout.

Archeological, Historical, and Cultural Features:

The State Historic Preservation Office (SHPO) did not have any known areas of concern within Compartment 91.

Special Management Designations or Considerations:

The Michigan Natural Features Inventory (MNFI) at the Michigan State University Extension website had record of 2 plant species historically being in or near Compartment 91 that require consideration when implementing forest management strategies. These species are pine-drops (*Pterospora andromedea* Nutt.; state threatened species), and Douglas's hawthorn (*Crataegus douglasii*; state special concern species).

Watershed and Fisheries Considerations:

This compartment drains into Devil's Lake. There are numerous small streams that flow east into the lake. Best management practices are to be followed when conducting forest management near lakes, streams, and rivers.

Wildlife Habitat Considerations:

The large swamp complex that exists in this compartment is utilized heavily by deer and snowshoe hare in winter. Ruffed grouse, bear and bobcat are also found in this compartment. Openings are sparse but the area is utilized heavily by hunters and openings should be maintained. If timber harvests occur, consider expanding log landings to create more open space.

Mineral Resource and Development Concerns and/or Restrictions

The nearest active sand/gravel pit is one mile to the west. There may be some potential for sand & gravel within the compartment, but most of the compartment is low and wet, which would inhibit surface mining. The area immediately west has been heavily developed for and is producing gas from the Antrim Shale. However, there are no wells, permit applications, or active mineral leases in the compartment. The Antrim is pinching out in the direction of the compartment, and additional production potential may be limited. Furthermore, due to the persistent low price of natural gas, there is unlikely to be any additional Antrim development in the area in the near future. The Antrim Shale play is generally in decline, and there is an increasing trend toward plugging wells. No known potential exists for oil & gas from other known

producing formations. There is no known metallic mineral potential in this part of the state. 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:

Access to Compartment 91 is from Spruce Road to the west via a system of forest roads commonly found along quarter-quarter lines. Devils Lake Trail runs from Spruce Road to the west and heads southeast, cutting through the central region of the compartment. Devils Lake Trail then runs along the west edge of Devils Lake before it terminates to the north at Werth Road.

Survey Needs:

For the purpose of conducting timber sales and maintaining legal private/state land boundary posting locations, there may be a need for property line surveys within Compartment 91. Further investigation will be needed to determine the extent to which these surveys are required.

Recreational Facilities and Opportunities:

Rabbit/hare, grouse, woodcock, whitetail deer, squirrel, turkey, and bear hunting opportunities are available within Compartment 91 in season with a valid license. Wildlife viewing opportunities are also present. All regulations set forth by the Michigan Department of Natural Resources are to be adhered to by hunters.

Portions of the LP 461 and LP 468 Snowmobile Trails run through the compartment. These snowmobile trails are generally groomed and used by snowmobile traffic from December 1 through March 31.

Fire Protection:

In the case of wildland fire, Compartment 91 is within the response area of the Alpena DNR Fire Taskforce/Atlanta Forest Management Unit. The Alpena Township Fire Department also responds to wildfires in this area. The Alpena DNR Fire Task Force is within 10 miles of the compartment and typically would be able to be on scene within 20 minutes after being dispatched. The Alpena Township Fire Department is within similar range of Compartment 91 and would typically arrive at around the same time as Alpena DNR Task Force.

Additional Compartment Information:

The following reports from the Inventory are attached:

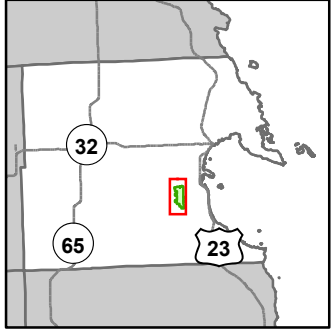
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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

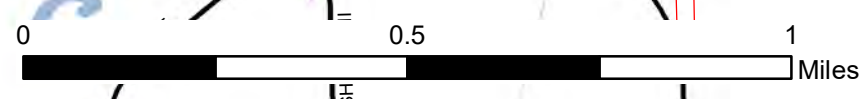
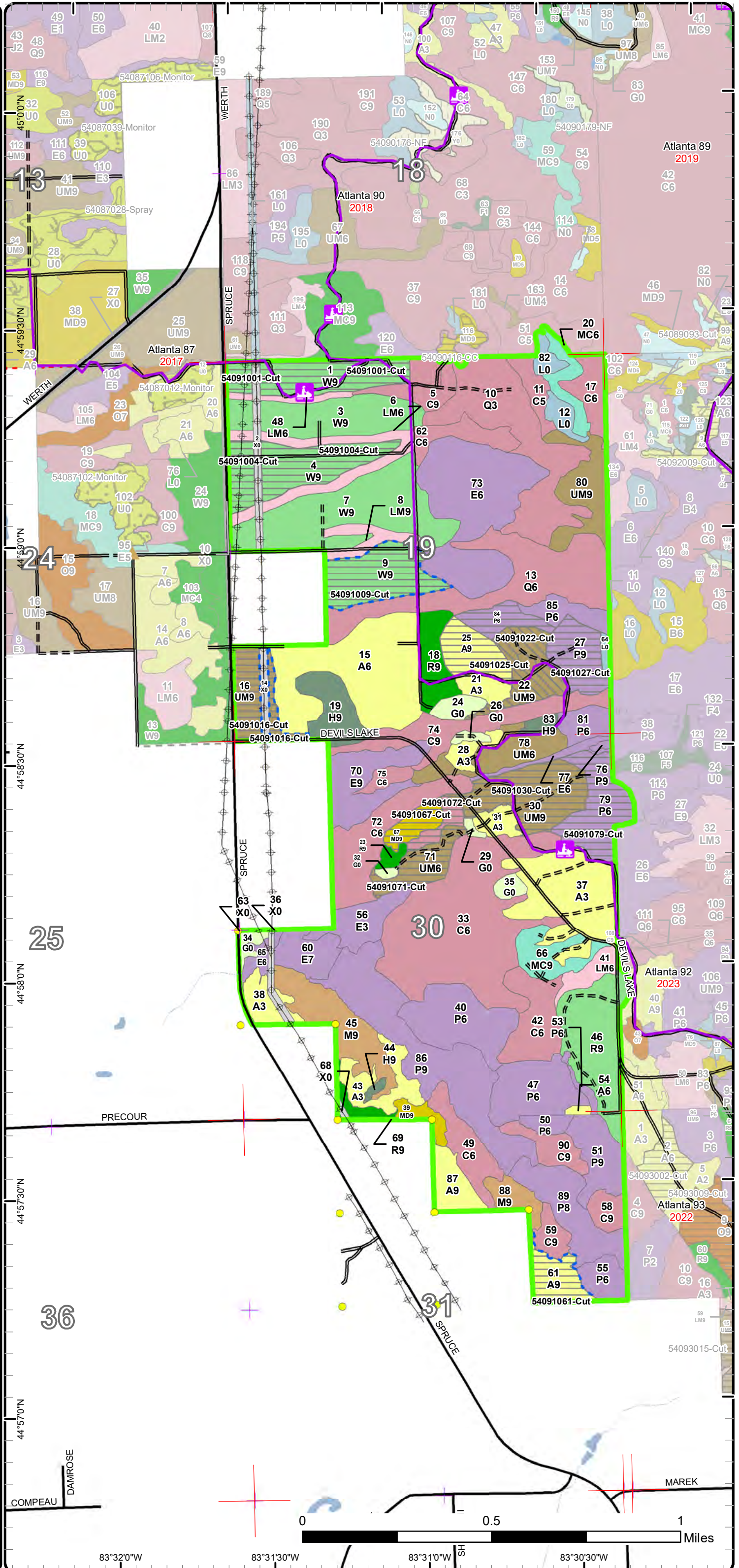
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

Cover Type & Treatments Map

Compartment: 91
 T30N, R08E, Sec. 19, 30, 36
 County: Alpena
 Unit: Atlanta
 Mgmt Area: Huron Sandy Lake Plain
 Plain
 YOE: 2025
 Acres: 1253.5 GIS Calculated
 Examiner: Dale Parris
 Map Revised: 6/12/2023
 Map Phase: Review



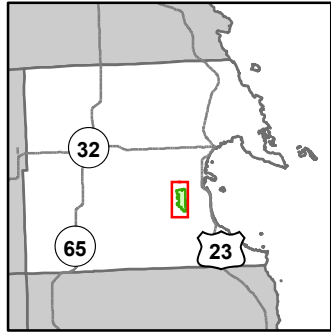
- Miris Corners
- ⊕ Remonumented Section Corners
- Survey Grade Corners
- Counties
- == DNR - Secondary Forest Road
- == DNR - Forest Access Route
- == Federal / State / County - Paved Road
- .-.- County - Gravel Road
- - - Private - Dirt / Gravel Road
- ⚡ Snowmobile Trails
- ⚡ Designated Snowmobile Trails
- ⋯ Intermittent Stream
- ⊡ Lake/Pond
- ⊡ Lakes and Rivers
- ▲ Berms
- ⊕ Powerline
- ⬜ Compartment Boundary
- ⬜ Treatments with Site Conditions
- ⬜ Other Harvest - See Comments
- ⬜ Clearcut (w/Reserves)
- 411 - Northern Hardwood
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 422 - Natural Pines
- 423 - Other Upland Conifers
- 429 - Mixed Upland Conifers
- 430 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 110 - Low Intensity Urban
- 122 - Roads/Parking Lot
- 310 - Herbaceous Openland
- 622 - Lowland Shrub



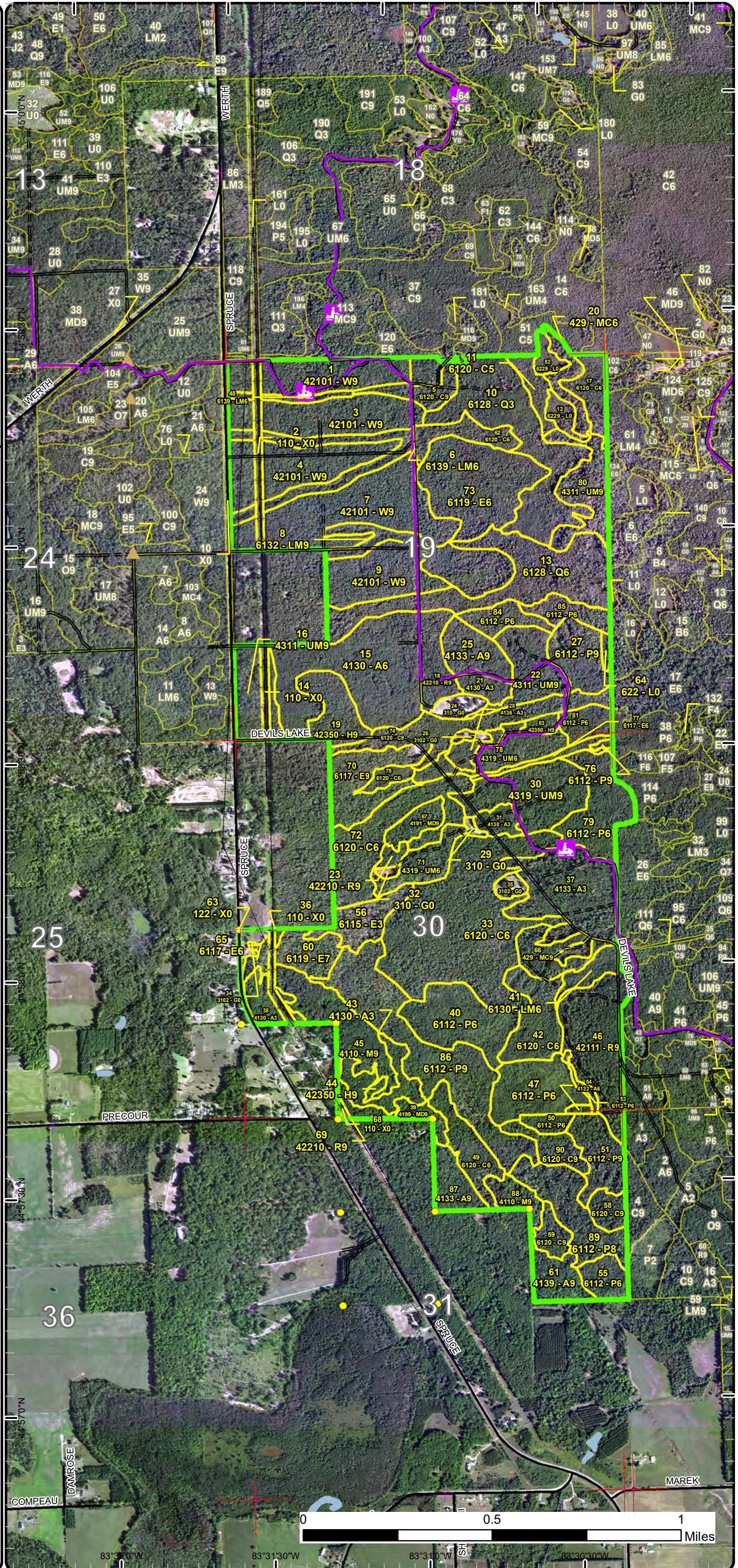
83°32'00"W 83°31'30"W 83°31'00"W 83°30'30"W

Stand Boundary Map

Compartment: 91
 T30N, R08E, Sec. 19, 30, 36
 County: Alpena
 Unit: Atlanta
 Mgmt Area: Huron Sandy Lake Plain
 YOE: 2025
 Acres: 1253.5 GIS Calculated
 Examiner: Dale Parris
 Map Revised: 6/12/2023
 Map Phase: Review

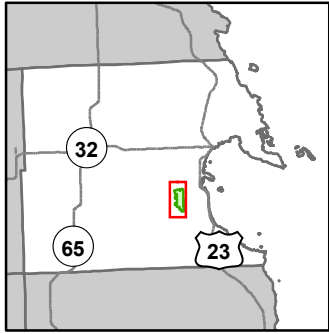


- Miris Corners
- Remonumented Section Corners
- Survey Grade Corners
- Counties
- == DNR - Secondary Forest Road
- == DNR - Forest Access Route
- == Federal / State / County - Paved Road
- .-.- County - Gravel Road
- - - Private - Dirt / Gravel Road
- Snowmobile Trails
- Designated Snowmobile Trails
- Intermittent Stream
- Lake/Pond
- Lakes and Rivers
- ▲ Berms
- ⊕ Powerline
- Compartment Boundary
- Stand Boundaries
- 411 - Northern Hardwood
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 422 - Natural Pines
- 423 - Other Upland Conifers
- 429 - Mixed Upland Conifers
- 430 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 110 - Low Intensity Urban
- 122 - Roads/Parking Lot
- 310 - Herbaceous Openland
- 622 - Lowland Shrub

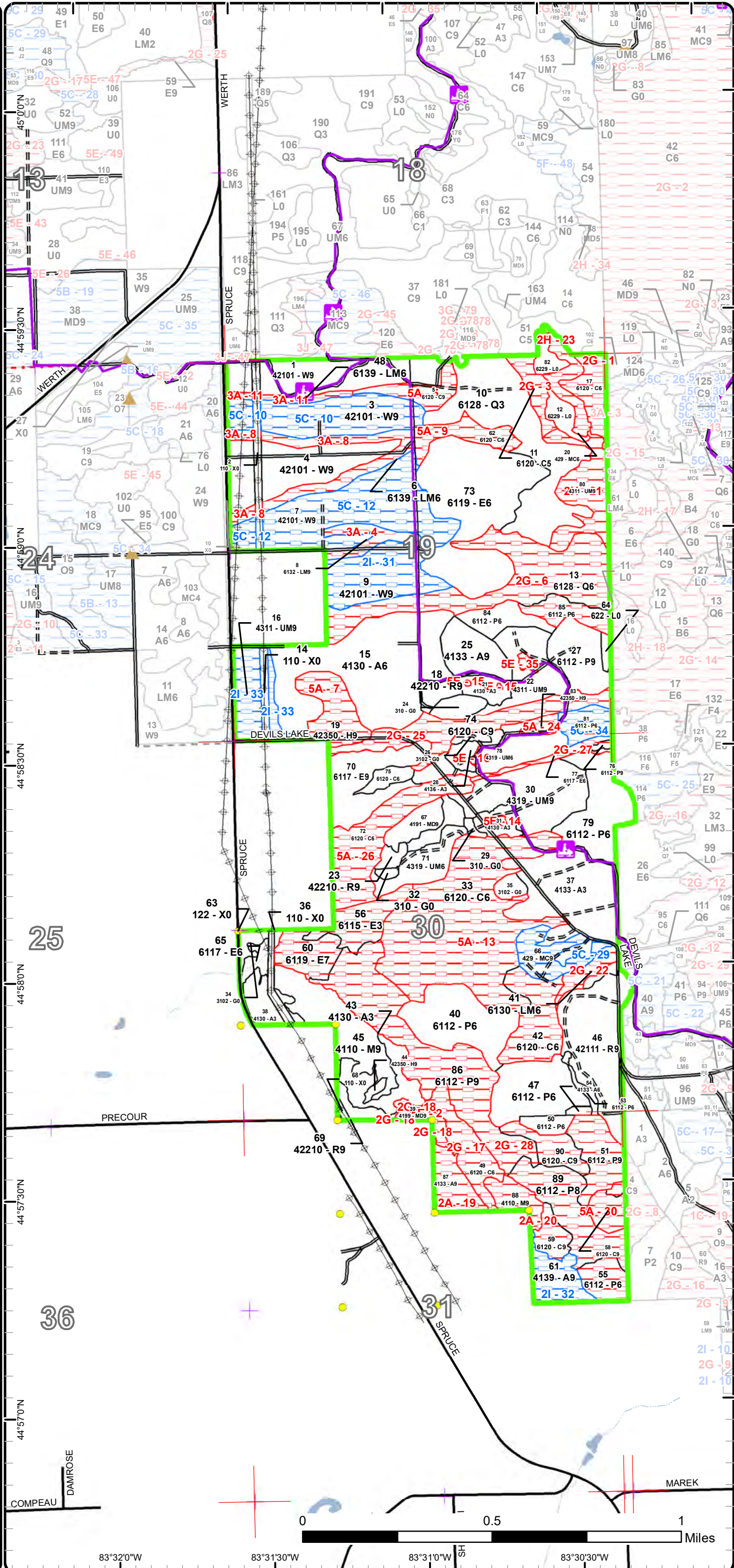


Special Conservation Areas

Compartment: 91
 T30N, R08E, Sec. 19, 30, 36
 County: Alpena
 Unit: Atlanta
 Mgmt Area: Huron Sandy Lake Plain
 YOE: 2025
 Acres: 1253.5 GIS Calculated
 Examiner: Dale Parris
 Map Revised: 6/12/2023
 Map Phase: Review



- Miris Corners
- + Remonumented Section Corners
- Survey Grade Corners
- Counties
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State / County - Paved Road
- County - Gravel Road
- Private - Dirt / Gravel Road
- Snowmobile Trails
- Designated Snowmobile Trails
- Intermittent Stream
- Lake/Pond
- Lakes and Rivers
- ▲ Berms
- Powerline
- Compartment Boundary
- Available w/ Constraints
- 2I: Survey needed
- 5C: Delay treatment for age/size class diversity or exceptional site quality
- Unavailable
- 2A: Adjacent landowner denied access
- 2G: Too wet (sensitive soils, does not include access issues)
- 2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)
- 3A: Conservation Values incompatible with harvest at this time
- 5A: Not able to obtain desirable regeneration
- 5E: Long-Term Retention
- Stand Boundaries



Report 1 – Total Acres by Cover Type and Age Class



Age Class

	Non-Forest	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100-109	110-119	120-129	130-139	140-149	150+	Uneven-Aged	Total
Aspen	0	33	37	0	54	1	0	13	0	11	10	0	0	0	0	0	0	0	159
Cedar	0	0	0	0	0	0	4	0	0	0	10	10	163	37	0	0	0	0	224
Hemlock	0	0	0	0	0	0	0	0	0	0	1	17	0	0	0	0	0	0	18
Herbaceous Openland	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14
Lowland Aspen/Balsam Poplar	0	0	0	0	47	10	0	93	60	0	0	0	0	0	0	0	0	0	210
Lowland Conifers	0	0	0	0	51	0	0	47	0	0	0	0	0	0	0	0	0	0	98
Lowland Deciduous	0	0	0	12	54	0	4	4	0	0	11	0	0	0	0	0	0	21	106
Lowland Mixed Forest	0	0	0	0	0	6	0	0	0	0	0	7	0	0	0	0	0	20	33
Lowland Shrub	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
Mixed Upland Deciduous	0	0	0	0	0	0	0	0	7	0	5	0	0	0	0	0	0	0	11
Northern Hardwood	0	0	0	0	0	0	0	0	0	0	30	0	0	0	0	0	0	0	30
Red Pine	0	0	0	0	0	0	0	12	0	0	4	0	0	2	0	0	0	33	51
Upland Conifers	0	0	0	0	0	0	0	0	0	11	0	0	0	0	0	0	0	8	19
Upland Mixed Forest	0	0	0	0	0	0	0	0	43	0	12	51	0	0	0	0	0	0	106
Urban	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15
White Pine	0	0	0	0	0	0	0	0	0	0	0	155	0	0	0	0	0	0	154
Total	39	33	37	12	206	17	8	169	110	22	83	240	163	39	0	0	0	82	1258



Report 2 – Treatment Summary

Atlanta Mgt. Unit

Year of Entry: 2025

Acres of Harvest

Compartment 91

Total Compartment Acres: 1,254

Commercial Harvest - 178
 Harvests with Site Condition - 50
 Next Step Harvest - 0
 Habitat Cut - 0

Cover Type by Harvest Method

	Clearcut	Selection	Patch Clearcut	Seed Tree	Shelterwood	Thinning	Overstory Removal	Salvage	Other	Total Acres
Aspen	24	0	0	0	0	0	0	0	0	24
Cedar	5	0	0	0	0	0	0	0	0	5
Lowland Aspen/Balsam Poplar	46	0	0	0	0	0	0	0	0	46
Mixed Upland Deciduous	7	0	0	0	0	0	0	0	0	7
Upland Mixed Forest	54	0	0	0	0	0	0	0	16	70
White Pine	77	0	0	0	0	0	0	0	0	77
Total	212	0	0	0	0	0	0	0	16	228

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	228	0	0	0	0	0	0	0	0	228
Next Step	0	155	77	0	0	77	367	0	0	677
Total	228	155	77	0	0	77	367	0	0	905



S t a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
-----------------------	----------------	-------	-----------------	--------------	-----------	----------	----------------	------------------	----------------------	---------------	-------------

Proposed Treatments:

1	54091001-Cut	25.2	42101 - Planted White Pine, Mixed Deciduous	Sawtimber Well	104	171- 200	Harvest	Clearcut with Retention	4211 - Planted Red Pine	Even-Aged	No
<p><u>Prescription</u> Clear-cut with retention.Plant to Red Pine.Place the retention at the edge of the stand along lowland drainages, and around hemlock.Do not cut hemlock.Include specs for protecting the snowmobile trail and its users.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> SitePrep, Roller Chopping; SitePrep, Trenching; Pesticide, Skidder - Release; Monitoring, Herbicide Use; Planting, Initial Plant;</p> <p><u>Treatments:</u> Monitoring, Artificial Regen(1yr); Monitoring, Artificial Regen(3yr)</p> <p><u>Acceptable Regen:</u> Acceptable Regeneration is a well-stocked stand of red pine with a minimal component of other native species.</p> <p><u>Other Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2024</p>											
4	54091004-Cut	28.1	42101 - Planted White Pine, Mixed Deciduous	Sawtimber Well	104	171- 200	Harvest	Clearcut with Retention	4211 - Planted Red Pine	Even-Aged	No
<p><u>Prescription</u> Clear-cut with retention.</p> <p><u>Specs:</u></p> <p>Plant to Red Pine.</p> <p>Place the retention at the edge of the stand along lowland drainages, and around hemlock.</p> <p>Do not cut hemlock.</p> <p>Include specs for protecting the snowmobile trail and its users.</p> <p><u>Next Step</u> SitePrep, Roller Chopping; SitePrep, Trenching; Pesticide, Skidder - Release; Planting, Initial Plant; Monitoring, Herbicide Use;</p> <p><u>Treatments:</u> Monitoring, Artificial Regen(1yr); Monitoring, Artificial Regen(3yr)</p> <p><u>Acceptable Regen:</u> Acceptable Regeneration is a well-stocked stand of red pine with a minimal component of other native species.</p> <p><u>Other Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2024</p>											
9	54091009-Cut	24.1	42101 - Planted White Pine, Mixed Deciduous	Sawtimber Well	104	171- 200	Harvest	Clearcut with Retention	4211 - Planted Red Pine	Even-Aged	No
<p><u>Prescription</u> Clear-cut with retention.</p> <p><u>Specs:</u></p> <p>Plant to Red Pine.</p> <p>Place the retention at the edge of the stand along lowland drainages, and around hemlock.</p> <p>Do not cut hemlock.</p> <p>Include specs for protecting the snowmobile trail and its users.</p> <p><u>Next Step</u> SitePrep, Trenching; Pesticide, Skidder - Release; Monitoring, Herbicide Use; Planting, Initial Plant; Monitoring, Artificial Regen(1yr);</p> <p><u>Treatments:</u> Monitoring, Artificial Regen(3yr); SitePrep, Roller Chopping</p> <p><u>Acceptable Regen:</u> Acceptable Regeneration is a well-stocked stand of red pine with a minimal component of other native species.</p> <p><u>Other Comment:</u></p> <p><u>Site Condition</u> Survey Needed</p> <p><u>Proposed Start Date:</u> 10/1 /2024</p>											



S
t
a
n
d

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

16	54091016-Cut	15.2	4311 - Pine, Aspen Mix	Sawtimber Well	102	111-140	Harvest	Clearcut	4319 - Mixed Upland Forest	Even-Aged	No
-----------	---------------------	------	------------------------	----------------	-----	---------	---------	----------	----------------------------	-----------	----

Prescription Clear-cut.

Specs:

Full tree skid snow-off to promote white pine regeneration from seed trees in the stand to the west.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

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

Other Comment:

Do not leave any retention due to the adjacent power line and road.

Site Condition

Survey Needed

Proposed Start Date: 10/1 /2024

22	54091022-Cut	16.3	4311 - Pine, Aspen Mix	Sawtimber Well	104	81-110	Harvest	Other - Specify	4133 - Aspen, Mixed Pine	Even-Aged	No
-----------	---------------------	------	------------------------	----------------	-----	--------	---------	-----------------	--------------------------	-----------	----

Prescription Clear-cut with retention.

Specs:

Place retention around the remnant white pine central to the stand while keeping the retention stand representative. This retention is already marked out of the treatment area.

Protect pine regeneration.

Do not cut hemlock if and where present.

Protect all legacy trees if and where present.

Include proper grouse spec.

Include spec for protecting recreation trails and recreationalists.

Strategically place retention to protect against windthrow in adjacent lowland areas to the south.

Next Step

Treatments:

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

Other Comment:

Site Condition

Proposed Start Date:

10/1 /2024



S t a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
-----------------------	----------------	-------	-----------------	--------------	-----------	----------	----------------	------------------	----------------------	---------------	-------------

25	54091025-Cut	13.0	4133 - Aspen, Mixed Pine	Sawtimber Well	62	Unspecified	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
----	--------------	------	--------------------------	----------------	----	-------------	---------	-------------------------	-------------	-----------	----

Prescription Clear-cut with retention.

Specs:

Place a retention pocket to the NW around pine/oak, and a retention pocket to the SE around oak.

Protect pine regeneration to promote future stand diversity.

Protect pine and oak legacy trees.

Include proper grouse spec.

Include spec for protecting recreation trails and recreationalists.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

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

Other

Comment:

Site Condition

Proposed Start Date: 10/1 /2024

27	54091027-Cut	15.1	6112 - Lowland Aspen	Sawtimber Well	62	81-110	Harvest	Clearcut with Retention	6112 - Lowland Aspen	Even-Aged	No
----	--------------	------	----------------------	----------------	----	--------	---------	-------------------------	----------------------	-----------	----

Prescription Clear-cut with retention.

Specs:

Focus the retention around white pine seed trees while keeping the overall retention representative of the parent stand.

Mark out areas that are too wet to harvest, particularly in the south.

Acreage may be substantially reduced due to wet areas.

Protect all legacy trees if and where present.

Include proper grouse spec.

Include spec for protecting recreation trails and recreationalists.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

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

Other

Comment:

Site Condition

Proposed Start Date: 10/1 /2024



S
t
a
n
d

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

30	54091030-Cut	27.4	4319 - Mixed Upland Forest	Sawtimber Well	70	81-110	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
----	--------------	------	----------------------------	----------------	----	--------	---------	-------------------------	-------------	-----------	----

Prescription Clear-cut with retention.

Specs:

Place retention around white pine seed trees and the cedar/hemlock pocket in the center of the stand. Retention is to be stand representative.

Protect the sparse white pine and red pine regeneration if and where present.

Protect all white pine and red pine legacy trees, if and where present.

Do not cut hemlock if and where present.

Include proper grouse spec.

Include spec for protecting recreation trails and recreationalists.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

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

Other Comment:

Strategically place retention to protect against windthrow in adjacent lowland areas.

Site Condition

Proposed Start Date: 10/1 /2024

61	54091061-Cut	10.9	4139 - Aspen, Mixed Deciduous	Sawtimber Well	80	81-110	Harvest	Clearcut with Retention	4199 - Other Mixed Upland Deciduous	Even-Aged	No
----	--------------	------	-------------------------------	----------------	----	--------	---------	-------------------------	-------------------------------------	-----------	----

Prescription Clear-cut with retention.

Specs:

Mark steep slope with minimal volume to the SE out of the sale as retention. Also place retention in the NE finger and NW finger. Retention should be stand representative.

Protect pine regeneration to promote future stand diversity.

Include proper grouse spec.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Regen: Acceptable regeneration is any medium to well stocked mix of aspen, red maple, sugar maple, white pine, and/or oak.

Other Comment:

Private access will be needed.

Site Condition Survey Needed

Proposed Start Date: 10/1 /2024



S
t
a
n
d

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

67	54091067-Cut	6.7	4191 - Mixed Upland Deciduous with Conifer	Sawtimber Well	78	51-80	Harvest	Clearcut	4199 - Other Mixed Upland Deciduous	Even-Aged	No
-----------	---------------------	-----	--	----------------	----	-------	---------	----------	-------------------------------------	-----------	----

Prescription Clear-cut.

Specs:

Protect legacy trees if and where present.

Protect pine regeneration, if present, to promote future stand diversity.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

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

Other Comment:

Site Condition

Proposed Start Date: 10/1 /2024

Proposed Start Date: 10/1 /2024

71	54091071-Cut	11.5	4319 - Mixed Upland Forest	Poletimber Well	95	81-110	Harvest	Clearcut with Retention	4199 - Other Mixed Upland Deciduous	Even-Aged	No
-----------	---------------------	------	----------------------------	-----------------	----	--------	---------	-------------------------	-------------------------------------	-----------	----

Prescription Clear-cut with retention.

Specs:

Protect legacy trees if and where present.

Protect pine regeneration, if present, to promote future stand diversity.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

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

Other Comment:

Strategically place retention to protect against major windthrow events in adjacent lowland cedar dominate areas to the east (and south) as needed.

Site Condition

Proposed Start Date: 10/1 /2024

72	54091072-Cut	4.5	6120 - Lowland Cedar	Poletimber Well	118	141-170	Harvest	Clearcut	613 - Lowland Mixed Forest	Even-Aged	No
-----------	---------------------	-----	----------------------	-----------------	-----	---------	---------	----------	----------------------------	-----------	----

Prescription Clear-cut.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Regen: Acceptable regeneration is any low to medium stocking of red maple, balsam fir, cedar, paper birch, spruce, and/or aspen.

Other Comment:

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

Site Condition

Proposed Start Date: 10/1 /2024

Proposed Start Date: 10/1 /2024



S
t
a
n
d

Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
79 54091079-Cut	22.3	6112 - Lowland Aspen	Poletimber Well	70	81-110	Harvest	Clearcut with Retention	6112 - Lowland Aspen	Even-Aged	No
<p><u>Prescription</u> Clear-cut with retention.</p> <p><u>Specs:</u> Include proper grouse spec. Include spec for protecting recreation trails and recreationalists.</p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u> Acceptable regeneration is any medium to well stocked mix of aspen, red maple, paper birch, white pine, and/or balsam fir.</p> <p><u>Other Comment:</u> Harvest in dry summer only. This stand lacks durable red maple/paper birch tops for moderate winter and wet ground harvests.</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2024</p>										
84 54091084-Cut	8.1	6112 - Lowland Aspen	Poletimber Well	62	81-110	Harvest	Clearcut	6112 - Lowland Aspen	Even-Aged	No
<p><u>Prescription</u> Clear-cut.</p> <p><u>Specs:</u> Include the proper grouse spec.</p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u> Acceptable regeneration is any medium to well stocked mix of aspen, red maple, paper birch, and/or balsam fir.</p> <p><u>Other Comment:</u> Retention is not necessary due to the small size of the stand.</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2024</p>										

Total Treatment Acreage Proposed: **228.4**

Report 4 – Site Conditions

Atlanta Mgt. Unit
Dale Parris : Examiner

Compartment: 91
Year of Entry: 2025

Availability for Management

Total	Acres	Acres Avail	Acres
Acres	Available	With Condition	Not Available

Dominant Site Conditions

	Availability for Management			Dominant Site Condition	Dominant Site Conditions								
	Acres	Available	With Condition		2I	5C	2A	2G	2H	3A	5A	5E	
159	137	11	11	Aspen	11		10						1
223	8	0	215	Cedar		0		67			148		
18	1	0	17	Hemlock							17		
14	14	0	0	Herbaceous Openland									
209	98	7	104	Lowland Aspen/Balsam Poplar		7		103			1		
97	51	0	47	Lowland Conifers				47					
105	78	0	27	Lowland Deciduous				27					
33	1	0	32	Lowland Mixed Forest				5		27			
9	9	0	0	Lowland Shrub									
11	7	0	4	Mixed Upland Deciduous				3					1
30	23	0	7	Northern Hardwood			7						
51	51	0	0	Red Pine									
19	0	11	8	Upland Conifers		11			8				
105	70	15	20	Upland Mixed Forest	15				18				2
14	14	0	0	Urban									
155	53	101	0	White Pine	24	77							
1,254	616	146	491	Total Forested Acres	50	96	17	252	26	27	166		3
	49%	12%	39%	Relative Percent									

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

Site No.	Dominant Site Cond Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
1	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	10	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Atlanta Mgt. Unit
Dale Parris : Examiner

Compartment: 91
Year of Entry: 2025

2	Unavailable	5E: Long-Term Retention	1	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments: This is long term retention from timber sale no. 54-017-16.							
3	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
4	Unavailable	3A: Conservation Values incompatible with harvest at this time	7	3J: Water quality / BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
Comments: This is a seasonal drainage.							
5	Unavailable	5A: Not able to obtain desirable regeneration	8	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments:							
6	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	54	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
7	Unavailable	5A: Not able to obtain desirable regeneration	14	3L: Other wildlife concerns	Unspecified	Unspecified	Unspecified
Comments: Stand is 60% hemlock and is extensively used by wildlife. Hemlock is also very difficult to regenerate.							

Report 4 – Site Conditions

Atlanta Mgt. Unit
Dale Parris : Examiner

Compartment: 91
Year of Entry: 2025

8	Unavailable	3A: Conservation Values incompatible with harvest at this time	17	3J: Water quality / BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
Comments: This is a seasonal drainage.							
9	Unavailable	5A: Not able to obtain desirable regeneration	10	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments:							
10	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	29	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
11	Unavailable	3A: Conservation Values incompatible with harvest at this time	3	3J: Water quality / BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
Comments: This is a seasonal drainage.							
12	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	48	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Atlanta Mgt. Unit
Dale Parris : Examiner

Compartment: 91
Year of Entry: 2025

13	Unavailable	5A: Not able to obtain desirable regeneration	98	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments:							
14	Unavailable	5E: Long-Term Retention	0	Unspecified	Unspecified	Unspecified	Unspecified
Comments: This is long term retention from then Stand No. 31; Timber Sale No. 54-017-16.							
15	Unavailable	5E: Long-Term Retention	0	Unspecified	Unspecified	Unspecified	Unspecified
Comments: This is long term retention from then Stand No. 21; Timber Sale No. 54-017-16.							
16	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments: This is long term retention from then Stand No. 28; Timber Sale No. 54-017-16.							
17	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	14	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	2A: Adjacent landowner denied access	5A: Not able to obtain desirable regeneration	Unspecified
Comments:							
18	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	3	3A: Conservation Values incompatible with harvest at this time	3K: Rare or unique landforms	Unspecified	Unspecified
Comments: Seeps are coming out of the ground along this hillside. Soils are also soft.							

Report 4 – Site Conditions

Atlanta Mgt. Unit
Dale Parris : Examiner

Compartment: 91
Year of Entry: 2025

19	Unavailable	2A: Adjacent landowner denied access	10	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Verified by DWP.							
20	Unavailable	2A: Adjacent landowner denied access	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Confirmed by DWP.							
21	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	18	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Access to this stand is blocked by lowlands. This stand was also part of the 1991 Devils Lake Block Plan area that was to be managed so that it would become old growth in the future.							
22	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
23	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	8	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Access to this stand is blocked by lowlands. This stand was also part of the 1991 Devils Lake Block Plan area that was to be managed so that it would become old growth in the future.							
24	Unavailable	5A: Not able to obtain desirable regeneration	3	3L: Other wildlife concerns	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Atlanta Mgt. Unit
Dale Parris : Examiner

Compartment: 91
Year of Entry: 2025

25	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	23	3J: Water quality / BMPs (stream, river, or lake)	3A: Conservation Values incompatible with harvest at this time	5A: Not able to obtain desirable regeneration	Unspecified
Comments: A stream runs through this stand.							
26	Unavailable	5A: Not able to obtain desirable regeneration	27	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
27	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
28	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	132	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
29	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	11	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
30	Unavailable	5A: Not able to obtain desirable regeneration	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Atlanta Mgt. Unit
Dale Parris : Examiner

Compartment: 91
Year of Entry: 2025

31	Available	2I: Survey needed	24	Unspecified	Unspecified	Unspecified	Unspecified
Comments: A site inspection will be need on the ground to determine the need for a survey.							
32	Available	2I: Survey needed	11	Unspecified	Unspecified	Unspecified	Unspecified
Comments: The SW and NW corners are present. A check on the ground will be needed to see if a corner is needed to the SE.							
33	Available	2I: Survey needed	15	Unspecified	Unspecified	Unspecified	Unspecified
Comments: A site inspection will be need on the ground to determine the need for a survey.							
34	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Wait to harvest in the 2035 YOE.							
35	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments: This is future long-term retention for the surrounding stand.							

Mgt. Unit

Compartment: #Type!

Year of Entry:



Report 5 – PROPOSED SPECIAL CONSERVATION AREA* (SCA) DETAILS

* This is a partial list of SCAs for this compartment. Not included are those areas identified under other Department initiatives (Natural Rivers, Deer Wintering Areas, etc.). Those will be identified in separate, future map and report products.

SCA Name	SCA Category	Detail Type	Recommendation	Acres
----------	--------------	-------------	----------------	-------

Comments



Report 6 – EXISTING SPECIAL CONSERVATION AREA DETAILS

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

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

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



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

1	42101 - Planted White Pine, Mixed Deciduous	Sawtimber Well	25.2	104	171-200	N/A	There are lots of trails in stand. A few white pine cored are rotten in the center half of the diameter. This stand has a very high water table. This stand was planted to WP in 1919. Although somewhat inconclusive, this stand typed out as PARVHa.
----------	---	----------------	------	-----	---------	-----	--

Canopy Species	% Cover	Size Class	DBH	Age
White Pine	60	Log/Pole	13	104
Red Pine	1	XLog/Log	18	
Hemlock	1	Log	12	
Red Maple	12	Log/Pole	11	
Paper Birch	3	Log/Pole	10	
Bigtooth Aspen	20	Log/Pole	12	
Black/Red (Hybrid) Oak	1	Log	15	

Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	Medium	Variable	Sapling
Balsam Fir	High	Variable	Sapling
Wintergreen	Full	< 5 feet	Tall Shrub
Leatherleaf	High	5 - 10 feet	Tall Shrub
Tag Alder	Trace	5 - 10 feet	Tall Shrub
Michigan Holly	Low	5 - 10 feet	Tall Shrub

2	110 - Low Intensity Urban	Nonstocked	6.4			No	This is a power line opening.
----------	---------------------------	------------	-----	--	--	----	-------------------------------

3	42101 - Planted White Pine, Mixed Deciduous	Sawtimber Well	29.0	104	171-200	N/A	This stand has a very high water table. This stand was planted to WP in 1919. Although somewhat inconclusive, this stand typed out as PARVHa.
----------	---	----------------	------	-----	---------	-----	---

Canopy Species	% Cover	Size Class	DBH	Age
Hemlock	1	Log/Pole	12	
Bigtooth Aspen	15	Log	16	
Northern White Cedar	5	Log/Pole	10	
Red Oak	2	XLog/Log	18	
Red Pine	1	Log/XLog	16	
Paper Birch	1	Pole	6	
White Pine	60	Log	13	104
Red Maple	15	Log/Pole	10	

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	High	Variable	Sapling

4	42101 - Planted White Pine, Mixed Deciduous	Sawtimber Well	28.1	104	171-200	N/A	This stand has a very high water table. This stand was planted to WP in 1919. Although somewhat inconclusive, this stand typed out as PARVHa.
----------	---	----------------	------	-----	---------	-----	---

Canopy Species	% Cover	Size Class	DBH	Age
Bigtooth Aspen	13	Log	12	
Red Maple	13	Log/Pole	11	
Black/Red (Hybrid) Oak	1	Log	15	
Northern White Cedar	1	Log/Pole	10	
Paper Birch	5	Pole/Log	8	
Black Spruce	1	Log	11	
White Pine	65	Log	13	104
Hemlock	1	Log/Pole	10	

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	High	Variable	Sapling
Red Maple	Low	>20 feet	Sapling
Beech	Trace	Variable	Sapling



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

5	6120 - Lowland Cedar	Sawtimber Well	7.6	110	Unspecified	N/A	Flowing water in stand. Trees are buffer to riparian areas. Drainage throughout stand.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
White Pine		20	Log/Pole	12		Tag Alder		Medium	< 5 feet	Tall Shrub
Bigtooth Aspen		10	Log/Pole	12		Balsam Fir		Medium	Variable	Sapling
Northern White Cedar		50	Log/Pole	10	110					
Red Maple		20	Log/Pole	12						

6	6139 - Mixed Lowland Forest	Poletimber Well	16.5	95	81-110	N/A	There is standing/flowing water in this stand. This area is a drainage and does not have a defined creek bank.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Balsam Fir		10	Pole	7		Balsam Fir		High	Variable	Sapling
Hemlock		2	Pole/Sapling	7						
Red Pine		5	Log	14						
Red Oak		1	Log	14						
Northern White Cedar		15	Log/Pole	10						
White Pine		20	Log	12	95					
Black Spruce		3	Pole	8						
Balsam Poplar		3	Pole	7						
Paper Birch		10	Pole/Sapling	6						
Quaking Aspen		15	Pole/Log	8						
Red Maple		15	Pole/Log	8						
White Spruce		1	Log	12						

7	42101 - Planted White Pine, Mixed Deciduous	Sawtimber Well	48.1	104	171-200	N/A	This stand has a very high water table. This stand was planted to WP in 1919. Although somewhat inconclusive, this stand typed out as PARVHa.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Bigtooth Aspen		15	Log/Pole	12		Beech		Trace	Variable	Sapling
White Pine		74	Log/Pole/XLog	13	104	Balsam Fir		Medium	Variable	Sapling
Red Maple		10	Pole/Log	9						
Red Oak		1	Log	16						

8	6132 - Mixed Lowland Forest with Cedar	Sawtimber Well	7.3	103	Unspecified	N/A	There is standing/flowing water in this stand. This area is a drainage and does not have a defined creek bank.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Paper Birch		20	Pole	7		Tag Alder		Medium	5 - 10 feet	Tall Shrub
Balsam Poplar		5	Pole	8		Balsam Fir		Medium	Variable	Sapling
Northern White Cedar		25	Pole/Log	8	103					
Hemlock		2	Pole	8						
White Pine		25	Log/Pole	10						
Red Maple		23	Pole/Log/Sap	8						



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

9	42101 - Planted White Pine, Mixed Deciduous	Sawtimber Well	24.1	104	171-200	N/A	This stand has a very high water table. This stand was planted to WP in 1919. Although somewhat inconclusive, this stand typed out as PARVHa.
---	---	----------------	------	-----	---------	-----	---

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	15	Pole	8		Red Maple	Low	Variable	Sapling
Paper Birch	5	Pole	6		Balsam Fir	High	Variable	Sapling
Bigtooth Aspen	5	Log/Pole	11					
White Pine	73	Log/Pole/XLog	13	104				
Red Pine	2	Log	13					

10	6128 - Lowland Coniferous, Mixed Deciduous	Sapling Well	50.7	32	Immature	N/A	All trees with a merchantable stick were harvested from this stand in a sale closed in January of 1991; this was Timber Sale Name: Off the Trail Sale; Timber Sale No.: 54-017-85-01. This stand was harvested with adjacent Stand 73 to the SW but the stands were divided based on overstory composition.
----	--	--------------	------	----	----------	-----	---

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	29	Sapling	4	32	Tag Alder	Low	5 - 10 feet	Tall Shrub
Bigtooth Aspen	5	Pole/Sapling	5	32				
White Spruce	1	Pole/Sapling	5					
Black Spruce	5	Pole/Sapling	6					
White Pine	5	Pole/Sapling	7					
Northern White Cedar	20	Sapling	4					
Paper Birch	5	Sapling	4					
Quaking Aspen	20	Sapling/Pole	4	32				

11	6120 - Lowland Cedar	Poletimber Medium	6.4	118	81-110	N/A	This stand is too wet to harvest.
----	----------------------	-------------------	-----	-----	--------	-----	-----------------------------------

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black Spruce	10	Pole	6		Balsam Fir	High	Variable	Sapling
Northern White Cedar	80	Pole	7	118				
Paper Birch	3	Pole	7					
Balsam Fir	7	Pole	6					

12	6229 - Mixed lowland shrub	Nonstocked	4.2			No	
----	----------------------------	------------	-----	--	--	----	--

13	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Well	46.7	64	51-80	N/A	This stand is too wet to harvest. There is flowing/standing water in this stand. Trees buffer riparian area and small stream.
----	--	-----------------	------	----	-------	-----	---

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Balsam Poplar	10	Pole	8		Balsam Fir	High	Variable	Sapling
Balsam Fir	33	Pole/Sapling	6	64	Tag Alder	Medium	5 - 10 feet	Tall Shrub
Northern White Cedar	15	Log/Pole	10	101				
White Pine	2	Log	15					
Paper Birch	15	Pole	7					
Black Spruce	5	Log	12					
White Spruce	5	Log	12					
Red Maple	15	Pole/Log	8					



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

14 110 - Low Intensity Urban Nonstocked 3.3 No This is a power line opening.

15 4130 - Aspen Poletimber Well 53.6 35 51-80 N/A

Canopy Species	% Cover	Size Class	DBH	Age
Balsam Fir	5	Pole/Sapling	5	
White Pine	10	Pole	8	
Bigtooth Aspen	70	Pole/Log/Sap	6	35
Quaking Aspen	5	Sapling/Pole	4	
Red Maple	10	Sapling/Pole	4	

Sub-Canopy Species	Density	Avg. Height	Size
White Pine	Trace	Variable	Sapling
Balsam Fir	High	Variable	Sapling

There is a low wet area stretching N-S along the northeastern edge of the stand that seasonally holds water and is dominate to quaking aspen. Consider protecting the small north-central pocket of log size hemlock during future management. All trees with a merchantable stick were harvested from this stand in a sale closed in May of 1988; Timber Sale Name: Club Trail Block; Timber Sale No.: 54-024-85-01.

16 4311 - Pine, Aspen Mix Sawtimber Well 15.2 102 111-140 N/A

Cedar borders the drainage at the north end of the stand.

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	10	Log/Pole	11	
Bigtooth Aspen	35	Log	15	
Northern White Cedar	2	Log/Pole	10	
White Pine	48	Log/Pole/XLog	12	102
Red Oak	5	XLog/Log	20	

Sub-Canopy Species	Density	Avg. Height	Size
Beech	Low	< 5 feet	Sapling
Paper Birch	Low	>20 feet	Pole
White Pine	High	Variable	Sapling
Balsam Fir	Medium	Variable	Sapling

17 6120 - Lowland Cedar Poletimber Well 9.8 91 Unspecified N/A

This stand is a combination of lowland inclusion pockets. This stand is too wet to harvest.

Canopy Species	% Cover	Size Class	DBH	Age
Black Spruce	10	Pole	6	
Northern White Cedar	80	Pole	8	91
Paper Birch	5	Pole/Sapling	6	
Red Maple	5	Pole	7	

Sub-Canopy Species	Density	Avg. Height	Size
Tag Alder	Low	5 - 10 feet	Tall Shrub
Balsam Fir	High	Variable	Sapling

18 42210 - Natural Red Pine Sawtimber Well 12.2 61 111-140 N/A

There was no planting record for this quarter-quarter. The aspen presence is higher at the north and south ends. Red pine dominate the central portion of the stand, have plenty of live crown, and generally are not in need of thinning.

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	5	Pole/Log/Sap	8	
Bigtooth Aspen	22	Log/Pole	11	
Black/Red (Hybrid) Oak	5	Log/XLog	14	
White Pine	3	Log/Pole	12	
Red Pine	65	Log/Pole	13	61

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	Low	Variable	Sapling
White Pine	Low	Variable	Sapling



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

19	42350 - Upland Hemlock	Sawtimber Well	14.3	107	111-140	N/A	There is some hemlock overstory recruitment occurring throughout the stand via nurse logs. Trace legacy white pine and red pine are present.
-----------	------------------------	----------------	------	-----	---------	-----	--

Canopy Species					% Cover	Size Class	DBH	Age	Sub-Canopy Species				Density	Avg. Height	Size
Bigtooth Aspen					3	Log	14		Hemlock				Low	Variable	Sapling
Northern White Cedar					2	Pole/Log	8		Balsam Fir				Medium	5 - 10 feet	Sapling
Hemlock				107	62	Log/Pole	11								
Quaking Aspen					4	Log	12								
White Pine					4	XLog/Log	20								
Red Maple					20	Log/Pole	12								
Paper Birch					5	Log/Pole	10								

20	429 - Mixed Upland Conifers	Poletimber Well	7.6	89	81-110	N/A	Much of the stand is dominated by naturally regenerated red pine. Northern white cedar line the lowland edges. This stand has seen some forest succession and is uneven aged.
-----------	-----------------------------	-----------------	-----	----	--------	-----	---

Canopy Species					% Cover	Size Class	DBH	Age	Sub-Canopy Species				Density	Avg. Height	Size
Northern White Cedar					15	Pole/Sap/Log	8		Balsam Fir				Low	< 5 feet	Sapling
Red Pine				89	40	Log/XLog/Pole	14		Black Spruce				Low	Variable	Sapling
White Pine					5	XLog/Log/Pole	20								
Bigtooth Aspen					2	Log	15								
Quaking Aspen					1	Log	12								
Black Spruce					2	Pole	8								
Paper Birch					20	Pole	7								
Red Maple					10	Log	13								
Balsam Fir					5	Pole/Sapling	6								

21	4130 - Aspen	Sapling Well	5.1	5	Immature	N/A	This stand was harvested on 6/18/18 as part of Timber Sale Name: Spruce Road Mix; Timber Sale No.: 54-017-16-01. All white pine and red pine were retained during the last harvest.
-----------	--------------	--------------	-----	---	----------	-----	---

Canopy Species					% Cover	Size Class	DBH	Age	Sub-Canopy Species				Density	Avg. Height	Size
White Pine					7	Pole/Sap/Log	8		White Pine				Low	< 5 feet	Sapling
Red Oak					1	XLog/Log	18		Balsam Fir				Low	Variable	Sapling
Bigtooth Aspen				5	88	Sapling	1								
Red Maple				5	2	Sapling	1								
Red Pine					2	Log/Pole/Sap	10								

22	4311 - Pine, Aspen Mix	Sawtimber Well	17.5	104	81-110	N/A	This stand has a cohort of old, large white pine.
-----------	------------------------	----------------	------	-----	--------	-----	---

Canopy Species					% Cover	Size Class	DBH	Age	Sub-Canopy Species				Density	Avg. Height	Size
Paper Birch					5	Pole	6		Red Maple				Low	>20 feet	Sapling
Bigtooth Aspen				62	30	Log/Pole	11		Balsam Fir				Medium	Variable	Sapling
White Pine				104	50	XLog/Log/Pole	20		White Pine				Low	Variable	Sapling
Red Maple					15	Pole/Log	8								



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																												
23	42210 - Natural Red Pine	Sawtimber Well	2.4	124	141-170	N/A	This stand is dominated by tall naturally regenerated red pine.																																																												
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Northern White Cedar</td> <td>10</td> <td>Pole/Log</td> <td>9</td> <td>118</td> </tr> <tr> <td>Red Pine</td> <td>73</td> <td>Log/XLog</td> <td>14</td> <td>124</td> </tr> <tr> <td>White Pine</td> <td>10</td> <td>XLog/Log</td> <td>20</td> <td></td> </tr> <tr> <td>Balsam Poplar</td> <td>2</td> <td>Log</td> <td>11</td> <td></td> </tr> <tr> <td>Black Spruce</td> <td>5</td> <td>Log/Pole</td> <td>12</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Northern White Cedar	10	Pole/Log	9	118	Red Pine	73	Log/XLog	14	124	White Pine	10	XLog/Log	20		Balsam Poplar	2	Log	11		Black Spruce	5	Log/Pole	12		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Balsam Fir</td> <td>High</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	High	Variable	Sapling																										
Canopy Species	% Cover	Size Class	DBH	Age																																																															
Northern White Cedar	10	Pole/Log	9	118																																																															
Red Pine	73	Log/XLog	14	124																																																															
White Pine	10	XLog/Log	20																																																																
Balsam Poplar	2	Log	11																																																																
Black Spruce	5	Log/Pole	12																																																																
Sub-Canopy Species	Density	Avg. Height	Size																																																																
Balsam Fir	High	Variable	Sapling																																																																
24	310 - Herbaceous Openland	Nonstocked	4.6			Managed Opening	Contracted opening maintenance; planted to buckwheat 2014. This wildlife opening has a scattering of Xlog size red oak.																																																												
25	4133 - Aspen, Mixed Pine	Sawtimber Well	13.0	62	Unspecified	N/A	This stand was originally part of the stand to the south. Stand data was updated during the 2025 YOE inventory. Some legacy oak and pine are present.																																																												
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Pine</td> <td>10</td> <td>Log/Pole</td> <td>12</td> <td></td> </tr> <tr> <td>Red Oak</td> <td>10</td> <td>Log/XLog</td> <td>15</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>10</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>White Pine</td> <td>10</td> <td>Log/XLog/Pole</td> <td>12</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>60</td> <td>Log/Pole</td> <td>11</td> <td>62</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Pine	10	Log/Pole	12		Red Oak	10	Log/XLog	15		Red Maple	10	Pole	8		White Pine	10	Log/XLog/Pole	12		Bigtooth Aspen	60	Log/Pole	11	62	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Pine</td> <td>Trace</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Balsam Fir</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Pine	Trace	Variable	Sapling	Balsam Fir	Medium	Variable	Sapling	White Pine	Medium	Variable	Sapling																		
Canopy Species	% Cover	Size Class	DBH	Age																																																															
Red Pine	10	Log/Pole	12																																																																
Red Oak	10	Log/XLog	15																																																																
Red Maple	10	Pole	8																																																																
White Pine	10	Log/XLog/Pole	12																																																																
Bigtooth Aspen	60	Log/Pole	11	62																																																															
Sub-Canopy Species	Density	Avg. Height	Size																																																																
Red Pine	Trace	Variable	Sapling																																																																
Balsam Fir	Medium	Variable	Sapling																																																																
White Pine	Medium	Variable	Sapling																																																																
26	3102 - Grass	Nonstocked	1.6			Managed Opening	Contracted opening maintenance; planted to buckwheat 2014																																																												
27	6112 - Lowland Aspen	Sawtimber Well	15.1	62	81-110	N/A	This stand has some Japanese Barberry in the central area and there are some tires dumped in the north end. Wet area makes it difficult to access the stand to the east from this stand.																																																												
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Black Spruce</td> <td>3</td> <td>Pole</td> <td>7</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>50</td> <td>Log/Pole</td> <td>11</td> <td>62</td> </tr> <tr> <td>White Pine</td> <td>2</td> <td>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>10</td> <td>Log/Pole</td> <td>11</td> <td>62</td> </tr> <tr> <td>Paper Birch</td> <td>5</td> <td>Pole</td> <td>7</td> <td></td> </tr> <tr> <td>Balsam Poplar</td> <td>5</td> <td>Log/Pole</td> <td>11</td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>10</td> <td>Pole/Sapling</td> <td>7</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>15</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Black Spruce	3	Pole	7		Quaking Aspen	50	Log/Pole	11	62	White Pine	2	Pole	6		Bigtooth Aspen	10	Log/Pole	11	62	Paper Birch	5	Pole	7		Balsam Poplar	5	Log/Pole	11		Balsam Fir	10	Pole/Sapling	7		Red Maple	15	Log/Pole	10		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Balsam Fir</td> <td>High</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Red Maple</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Northern White Cedar</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	High	5 - 10 feet	Sapling	Red Maple	Low	10 - 20 feet	Sapling	Northern White Cedar	Low	Variable	Sapling			
Canopy Species	% Cover	Size Class	DBH	Age																																																															
Black Spruce	3	Pole	7																																																																
Quaking Aspen	50	Log/Pole	11	62																																																															
White Pine	2	Pole	6																																																																
Bigtooth Aspen	10	Log/Pole	11	62																																																															
Paper Birch	5	Pole	7																																																																
Balsam Poplar	5	Log/Pole	11																																																																
Balsam Fir	10	Pole/Sapling	7																																																																
Red Maple	15	Log/Pole	10																																																																
Sub-Canopy Species	Density	Avg. Height	Size																																																																
Balsam Fir	High	5 - 10 feet	Sapling																																																																
Red Maple	Low	10 - 20 feet	Sapling																																																																
Northern White Cedar	Low	Variable	Sapling																																																																
28	4136 - Aspen, Mixed Conifer	Sapling Well	4.2	5	1-50	N/A	This stand was harvested on 6/18/18 as part of Timber Sale Name: Spruce Road Mix; Timber Sale No.: 54-017-16-01. All white pine and red pine were retained during the last harvest.																																																												
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>5</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>5</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>2</td> <td>Log/Pole/Sap</td> <td>10</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>73</td> <td>Sapling</td> <td>1</td> <td>5</td> </tr> <tr> <td>White Pine</td> <td>15</td> <td>Pole/Log/Sap</td> <td>9</td> <td>58</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	5	Sapling	1		Balsam Fir	5	Sapling	1		Red Pine	2	Log/Pole/Sap	10		Bigtooth Aspen	73	Sapling	1	5	White Pine	15	Pole/Log/Sap	9	58	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>White Pine</td> <td>Low</td> <td>< 5 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	White Pine	Low	< 5 feet	Sapling																										
Canopy Species	% Cover	Size Class	DBH	Age																																																															
Red Maple	5	Sapling	1																																																																
Balsam Fir	5	Sapling	1																																																																
Red Pine	2	Log/Pole/Sap	10																																																																
Bigtooth Aspen	73	Sapling	1	5																																																															
White Pine	15	Pole/Log/Sap	9	58																																																															
Sub-Canopy Species	Density	Avg. Height	Size																																																																
White Pine	Low	< 5 feet	Sapling																																																																



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																													
29	310 - Herbaceous Openland	Nonstocked	1.0		Immature	Managed Opening	Contracted opening maintenance; planted to buckwheat 2014																																																													
30	4319 - Mixed Upland Forest	Sawtimber Well	27.4	70	81-110	N/A	This is a nice mixed stand with some scattered legacy pine.																																																													
		<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>15</td> <td>Log/Pole</td> <td>11</td> <td></td> </tr> <tr> <td>Red Oak</td> <td>1</td> <td>Log</td> <td>14</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>25</td> <td>Log/Pole</td> <td>12</td> <td>70</td> </tr> <tr> <td>Black Spruce</td> <td>2</td> <td>Pole/Log</td> <td>8</td> <td></td> </tr> <tr> <td>White Pine</td> <td>25</td> <td>Log/XLog/Pole</td> <td>14</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>8</td> <td>Log/XLog/Pole</td> <td>12</td> <td></td> </tr> <tr> <td>Hemlock</td> <td>2</td> <td>Log/Pole</td> <td>12</td> <td></td> </tr> <tr> <td>Northern White Cedar</td> <td>2</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>10</td> <td>Pole</td> <td>7</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>10</td> <td>Pole/Log</td> <td>8</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	15	Log/Pole	11		Red Oak	1	Log	14		Bigtooth Aspen	25	Log/Pole	12	70	Black Spruce	2	Pole/Log	8		White Pine	25	Log/XLog/Pole	14		Red Pine	8	Log/XLog/Pole	12		Hemlock	2	Log/Pole	12		Northern White Cedar	2	Log/Pole	10		Balsam Fir	10	Pole	7		Quaking Aspen	10	Pole/Log	8		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Balsam Fir</td> <td>High</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	High	Variable	Sapling
Canopy Species	% Cover	Size Class	DBH	Age																																																																
Red Maple	15	Log/Pole	11																																																																	
Red Oak	1	Log	14																																																																	
Bigtooth Aspen	25	Log/Pole	12	70																																																																
Black Spruce	2	Pole/Log	8																																																																	
White Pine	25	Log/XLog/Pole	14																																																																	
Red Pine	8	Log/XLog/Pole	12																																																																	
Hemlock	2	Log/Pole	12																																																																	
Northern White Cedar	2	Log/Pole	10																																																																	
Balsam Fir	10	Pole	7																																																																	
Quaking Aspen	10	Pole/Log	8																																																																	
Sub-Canopy Species	Density	Avg. Height	Size																																																																	
Balsam Fir	High	Variable	Sapling																																																																	
31	4130 - Aspen	Sapling Well	5.0	5	1-50	N/A	This stand was harvested on 6/18/18 as part of Timber Sale Name: Spruce Road Mix; Timber Sale No.: 54-017-16-01. All white pine were retained during the last harvest.																																																													
		<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Bigtooth Aspen</td> <td>85</td> <td>Sapling</td> <td>1</td> <td>5</td> </tr> <tr> <td>White Pine</td> <td>10</td> <td>Pole/Log/Sap</td> <td>9</td> <td>58</td> </tr> <tr> <td>Balsam Fir</td> <td>5</td> <td>Sapling</td> <td>1</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Bigtooth Aspen	85	Sapling	1	5	White Pine	10	Pole/Log/Sap	9	58	Balsam Fir	5	Sapling	1		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>White Pine</td> <td>Low</td> <td>< 5 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	White Pine	Low	< 5 feet	Sapling																																			
Canopy Species	% Cover	Size Class	DBH	Age																																																																
Bigtooth Aspen	85	Sapling	1	5																																																																
White Pine	10	Pole/Log/Sap	9	58																																																																
Balsam Fir	5	Sapling	1																																																																	
Sub-Canopy Species	Density	Avg. Height	Size																																																																	
White Pine	Low	< 5 feet	Sapling																																																																	
32	310 - Herbaceous Openland	Nonstocked	1.0			No																																																														
33	6120 - Lowland Cedar	Poletimber Well	80.5	118	Unspecified	N/A																																																														
		<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Northern White Cedar</td> <td>85</td> <td>Pole/Log</td> <td>9</td> <td>118</td> </tr> <tr> <td>Paper Birch</td> <td>10</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>5</td> <td>Log/Pole</td> <td>11</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Northern White Cedar	85	Pole/Log	9	118	Paper Birch	10	Pole	8		Quaking Aspen	5	Log/Pole	11		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Balsam Fir</td> <td>High</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	High	Variable	Sapling																																			
Canopy Species	% Cover	Size Class	DBH	Age																																																																
Northern White Cedar	85	Pole/Log	9	118																																																																
Paper Birch	10	Pole	8																																																																	
Quaking Aspen	5	Log/Pole	11																																																																	
Sub-Canopy Species	Density	Avg. Height	Size																																																																	
Balsam Fir	High	Variable	Sapling																																																																	
34	3102 - Grass	Nonstocked	2.6		Immature	No																																																														
35	3102 - Grass	Nonstocked	2.7		Unspecified	Managed Opening	Contracted opening maintenance; planted to buckwheat 2014																																																													
36	110 - Low Intensity Urban	Nonstocked	3.1		Unspecified	No	This is a power line opening.																																																													



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																																									
37	4133 - Aspen, Mixed Pine	Sapling Well	37.4	14	Immature	N/A	The white pine retained during the last harvest are uneven aged. The harvest of this stand was completed in July of 2009 as part of Timber Sale Name: Devil Take the Loop; Timber Sale No.: 54-037-06-01. During the harvest all red maple, red pine, paper birch, aspen, balsam fir, and mixed hardwood trees of merchantable size were harvested. Residual species and regeneration was to be protected.																																																																									
	<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Northern White Cedar</td> <td>2</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> <tr> <td>Red Oak</td> <td>1</td> <td>XLog/Log</td> <td>18</td> <td></td> </tr> <tr> <td>Hemlock</td> <td>1</td> <td>Log/Pole</td> <td>12</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>5</td> <td>Sapling</td> <td>3</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>61</td> <td>Sapling</td> <td>3</td> <td>14</td> </tr> <tr> <td>Balsam Fir</td> <td>10</td> <td>Sapling/Pole</td> <td>3</td> <td></td> </tr> <tr> <td>White Pine</td> <td>20</td> <td>Log/Pole/XLog</td> <td>14</td> <td>90</td> </tr> </tbody> </table>	Canopy Species	% Cover	Size Class	DBH	Age	Northern White Cedar	2	Log/Pole	10		Red Oak	1	XLog/Log	18		Hemlock	1	Log/Pole	12		Red Maple	5	Sapling	3		Bigtooth Aspen	61	Sapling	3	14	Balsam Fir	10	Sapling/Pole	3		White Pine	20	Log/Pole/XLog	14	90	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Beech</td> <td>Trace</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Red Oak</td> <td>Trace</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Balsam Fir</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>	Sub-Canopy Species	Density	Avg. Height	Size	Beech	Trace	Variable	Sapling	White Pine	Low	Variable	Sapling	Red Oak	Trace	Variable	Sapling	Balsam Fir	Low	Variable	Sapling																		
Canopy Species	% Cover	Size Class	DBH	Age																																																																												
Northern White Cedar	2	Log/Pole	10																																																																													
Red Oak	1	XLog/Log	18																																																																													
Hemlock	1	Log/Pole	12																																																																													
Red Maple	5	Sapling	3																																																																													
Bigtooth Aspen	61	Sapling	3	14																																																																												
Balsam Fir	10	Sapling/Pole	3																																																																													
White Pine	20	Log/Pole/XLog	14	90																																																																												
Sub-Canopy Species	Density	Avg. Height	Size																																																																													
Beech	Trace	Variable	Sapling																																																																													
White Pine	Low	Variable	Sapling																																																																													
Red Oak	Trace	Variable	Sapling																																																																													
Balsam Fir	Low	Variable	Sapling																																																																													
38	4130 - Aspen	Sapling Well	7.2	5	Immature	N/A	This stand was harvested on 6/18/18 as part of Timber Sale Name: Spruce Road Mix; Timber Sale No.: 54-017-16-01. All oak were retained during this harvest.																																																																									
	<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Bigtooth Aspen</td> <td>67</td> <td>Sapling</td> <td>1</td> <td>5</td> </tr> <tr> <td>Red Oak</td> <td>5</td> <td>Log/XLog</td> <td>16</td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>3</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>Beech</td> <td>5</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>10</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>White Ash</td> <td>10</td> <td>Sapling</td> <td>1</td> <td></td> </tr> </tbody> </table>	Canopy Species	% Cover	Size Class	DBH	Age	Bigtooth Aspen	67	Sapling	1	5	Red Oak	5	Log/XLog	16		Balsam Fir	3	Sapling	1		Beech	5	Sapling	1		Paper Birch	10	Sapling	1		White Ash	10	Sapling	1		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Blackberry/Raspberry</td> <td>Full</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Dogwood (spp.)</td> <td>Low</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Witch Hazel</td> <td>Low</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>	Sub-Canopy Species	Density	Avg. Height	Size	Blackberry/Raspberry	Full	5 - 10 feet	Tall Shrub	Dogwood (spp.)	Low	5 - 10 feet	Tall Shrub	Witch Hazel	Low	5 - 10 feet	Tall Shrub																											
Canopy Species	% Cover	Size Class	DBH	Age																																																																												
Bigtooth Aspen	67	Sapling	1	5																																																																												
Red Oak	5	Log/XLog	16																																																																													
Balsam Fir	3	Sapling	1																																																																													
Beech	5	Sapling	1																																																																													
Paper Birch	10	Sapling	1																																																																													
White Ash	10	Sapling	1																																																																													
Sub-Canopy Species	Density	Avg. Height	Size																																																																													
Blackberry/Raspberry	Full	5 - 10 feet	Tall Shrub																																																																													
Dogwood (spp.)	Low	5 - 10 feet	Tall Shrub																																																																													
Witch Hazel	Low	5 - 10 feet	Tall Shrub																																																																													
39	4199 - Other Mixed Upland Deciduous	Sawtimber Well	4.5	93	141-170	N/A	This stand is mostly on a steep hillside with random seeps throughout. Soft soil, steep slopes, poor access, and some of this stand being designated as long-term retention from the cut to the north make this stand undesirable for harvest.																																																																									
	<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Bigtooth Aspen</td> <td>38</td> <td>Log/Pole/XLog</td> <td>15</td> <td>93</td> </tr> <tr> <td>Red Maple</td> <td>20</td> <td>Log</td> <td>13</td> <td></td> </tr> <tr> <td>Sugar Maple</td> <td>2</td> <td>Log</td> <td>15</td> <td></td> </tr> <tr> <td>Beech</td> <td>5</td> <td>Pole/Log/Sap</td> <td>6</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>5</td> <td>Log</td> <td>14</td> <td></td> </tr> <tr> <td>Red Oak</td> <td>10</td> <td>Log/XLog</td> <td>16</td> <td></td> </tr> <tr> <td>Northern White Cedar</td> <td>2</td> <td>Log</td> <td>14</td> <td></td> </tr> <tr> <td>Hemlock</td> <td>1</td> <td>Pole/Log</td> <td>9</td> <td></td> </tr> <tr> <td>Yellow Birch</td> <td>15</td> <td>Log</td> <td>14</td> <td></td> </tr> <tr> <td>Basswood</td> <td>2</td> <td>Log/Pole</td> <td>12</td> <td></td> </tr> </tbody> </table>	Canopy Species	% Cover	Size Class	DBH	Age	Bigtooth Aspen	38	Log/Pole/XLog	15	93	Red Maple	20	Log	13		Sugar Maple	2	Log	15		Beech	5	Pole/Log/Sap	6		Paper Birch	5	Log	14		Red Oak	10	Log/XLog	16		Northern White Cedar	2	Log	14		Hemlock	1	Pole/Log	9		Yellow Birch	15	Log	14		Basswood	2	Log/Pole	12		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Balsam Fir</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Striped Maple</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Beech</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>	Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Low	Variable	Sapling	White Pine	Low	Variable	Sapling	Striped Maple	Medium	Variable	Sapling	Beech	Low	Variable	Sapling			
Canopy Species	% Cover	Size Class	DBH	Age																																																																												
Bigtooth Aspen	38	Log/Pole/XLog	15	93																																																																												
Red Maple	20	Log	13																																																																													
Sugar Maple	2	Log	15																																																																													
Beech	5	Pole/Log/Sap	6																																																																													
Paper Birch	5	Log	14																																																																													
Red Oak	10	Log/XLog	16																																																																													
Northern White Cedar	2	Log	14																																																																													
Hemlock	1	Pole/Log	9																																																																													
Yellow Birch	15	Log	14																																																																													
Basswood	2	Log/Pole	12																																																																													
Sub-Canopy Species	Density	Avg. Height	Size																																																																													
Balsam Fir	Low	Variable	Sapling																																																																													
White Pine	Low	Variable	Sapling																																																																													
Striped Maple	Medium	Variable	Sapling																																																																													
Beech	Low	Variable	Sapling																																																																													
40	6112 - Lowland Aspen	Poletimber Well	25.7	33	1-50	N/A	All trees with a merchantable stick were harvested from this stand, with the exception of red pine, as part of Timber Sale Name: Joe's Block; Timber Sale No.: 54-018-85-01. This sale was closed in April of 1990.																																																																									
	<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Quaking Aspen</td> <td>60</td> <td>Pole/Sapling</td> <td>5</td> <td>33</td> </tr> <tr> <td>Balsam Fir</td> <td>10</td> <td>Sapling/Pole</td> <td>4</td> <td></td> </tr> <tr> <td>Black Spruce</td> <td>10</td> <td>Sapling</td> <td>2</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>5</td> <td>Pole/Sapling</td> <td>6</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>5</td> <td>Sapling/Pole</td> <td>4</td> <td></td> </tr> <tr> <td>Balsam Poplar</td> <td>5</td> <td>Pole/Sapling</td> <td>6</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>5</td> <td>Pole/Sapling</td> <td>5</td> <td>35</td> </tr> </tbody> </table>	Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	60	Pole/Sapling	5	33	Balsam Fir	10	Sapling/Pole	4		Black Spruce	10	Sapling	2		Red Maple	5	Pole/Sapling	6		Paper Birch	5	Sapling/Pole	4		Balsam Poplar	5	Pole/Sapling	6		Bigtooth Aspen	5	Pole/Sapling	5	35	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Balsam Fir</td> <td>High</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>	Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	High	Variable	Sapling																														
Canopy Species	% Cover	Size Class	DBH	Age																																																																												
Quaking Aspen	60	Pole/Sapling	5	33																																																																												
Balsam Fir	10	Sapling/Pole	4																																																																													
Black Spruce	10	Sapling	2																																																																													
Red Maple	5	Pole/Sapling	6																																																																													
Paper Birch	5	Sapling/Pole	4																																																																													
Balsam Poplar	5	Pole/Sapling	6																																																																													
Bigtooth Aspen	5	Pole/Sapling	5	35																																																																												
Sub-Canopy Species	Density	Avg. Height	Size																																																																													
Balsam Fir	High	Variable	Sapling																																																																													



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

41	6130 - Fir, Aspen, Maple	Poletimber Well	6.2	41	1-50	N/A	There is a narrow, approximately 4 ft wide on average, creek running through the stand. The timber is slow putting on diameter due to saturated soil.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Red Maple		5	Pole/Sapling	5		Balsam Fir	
Quaking Aspen		49	Sapling	4	41	Medium	
Northern White Cedar		5	Pole/Log/Sap	8		Variable	
White Spruce		1	Sapling/Pole	4		Sapling	
Paper Birch		5	Pole/Sapling	5			
Black Spruce		5	Pole/Sapling	5			
Balsam Fir		30	Pole/Sapling	5			

42	6120 - Lowland Cedar	Poletimber Well	17.9	118	141-170	N/A	This is a borderline log stand. The old strip cuts are dominated by sapling balsam fir, with lesser amounts of spruce and cedar. There is some random unmapped stream flow through the stand.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Black Spruce		30	Pole	7		Northern White Cedar	
Northern White Cedar		60	Pole/Log	9	118	Low	
Balsam Fir		5	Pole	6		Medium	
Paper Birch		3	Pole	6		Variable	
Red Maple		2	Pole	8		Sapling	

43	4130 - Aspen	Sapling Well	11.6	5	Immature	N/A	This stand was harvested in April of 2018 as part of Timber Sale Name: Spruce Road Mix; Timber Sale No.: 54-017-16-01. All oak, cedar, and hemlock were retained during this harvest.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
White Pine		3	Sapling	1		Blackberry/Raspberry	
Beech		3	Sapling	1		Medium	
Red Oak		2	Sapling	1		Variable	
Bigtooth Aspen		85	Sapling	1	5	Sapling	
Black/Red (Hybrid) Oak		5	Log/Pole/XLog	11			
Red Maple		2	Sapling	1			

44	42350 - Upland Hemlock	Sawtimber Well	1.1	93	Unspecified	N/A	Protect this hemlock dominate stand during future management.
Canopy Species		% Cover	Size Class	DBH	Age		
Yellow Birch		20	Log/Pole	11			
Basswood		3	Log	15			
Red Maple		10	Log/Pole	12			
Northern White Cedar		10	Log/Pole	10			
Paper Birch		2	Log	14			
Hemlock		55	Log/Pole	12	93		



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																																					
45	4110 - Sugar Maple Association	Sawtimber Well	23.0	93	51-80	N/A	<p>2025 YOE Inventory BA Measurements: (40, 80, 60, 30, 50, 70, 90). Before the last harvest in 2018 there was a carpet of 3-4 inch sugar maple regeneration on the forest floor. During the 2025 inventory this same layer of sugar maple was somewhat heavily browsed and 2-3 feet tall.</p> <p>This stand was thinned to 70-90 BA in April of 2018 as part of Timber Sale Name: Spruce Road Mix; Timber Sale No.: 54-017-16-01. All ash and beech were salvaged except for 1 large crowned beech per acre. Seeps are present in the hill edge along the west side of the stand. The areas with seeps were kept out of the last harvest to protect their integrity. The forest road west blocked off a the northern edge of the stand to keep motorized vehicles from driving through the seepage creeks that flow to the northeast and cross the trail.</p>																																																																					
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Basswood</td> <td>10</td> <td>Log</td> <td>14</td> <td></td> </tr> <tr> <td>Yellow Birch</td> <td>1</td> <td>Log/Pole</td> <td>12</td> <td></td> </tr> <tr> <td>Hemlock</td> <td>2</td> <td>Log/Pole</td> <td>12</td> <td></td> </tr> <tr> <td>Beech</td> <td>1</td> <td>Log</td> <td>15</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>8</td> <td>Log</td> <td>14</td> <td></td> </tr> <tr> <td>Sugar Maple</td> <td>70</td> <td>Log/Pole/XLog</td> <td>13</td> <td>93</td> </tr> <tr> <td>Paper Birch</td> <td>1</td> <td>Log/Pole</td> <td>12</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>5</td> <td>Log/Pole/XLog</td> <td>14</td> <td></td> </tr> <tr> <td>Red Oak</td> <td>2</td> <td>XLog/Log</td> <td>18</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		Basswood	10	Log	14		Yellow Birch	1	Log/Pole	12		Hemlock	2	Log/Pole	12		Beech	1	Log	15		Bigtooth Aspen	8	Log	14		Sugar Maple	70	Log/Pole/XLog	13	93	Paper Birch	1	Log/Pole	12		Red Maple	5	Log/Pole/XLog	14		Red Oak	2	XLog/Log	18		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Sugar Maple</td> <td>Full</td> <td>< 5 feet</td> <td>Sapling</td> </tr> <tr> <td>Blackberry/Raspberry</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Beech</td> <td>Trace</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>White Ash</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Sugar Maple	Full	< 5 feet	Sapling	Blackberry/Raspberry	Medium	5 - 10 feet	Tall Shrub	Beech	Trace	Variable	Sapling	White Ash	Medium	Variable	Sapling		
Canopy Species	% Cover	Size Class	DBH	Age																																																																								
Basswood	10	Log	14																																																																									
Yellow Birch	1	Log/Pole	12																																																																									
Hemlock	2	Log/Pole	12																																																																									
Beech	1	Log	15																																																																									
Bigtooth Aspen	8	Log	14																																																																									
Sugar Maple	70	Log/Pole/XLog	13	93																																																																								
Paper Birch	1	Log/Pole	12																																																																									
Red Maple	5	Log/Pole/XLog	14																																																																									
Red Oak	2	XLog/Log	18																																																																									
Sub-Canopy Species	Density	Avg. Height	Size																																																																									
Sugar Maple	Full	< 5 feet	Sapling																																																																									
Blackberry/Raspberry	Medium	5 - 10 feet	Tall Shrub																																																																									
Beech	Trace	Variable	Sapling																																																																									
White Ash	Medium	Variable	Sapling																																																																									
46	42111 - Planted Red Pine, Mixed Deciduous	Sawtimber Well	32.7	74	51-80	N/A	<p>This stand was planted to red pine and jack pine in 1926. Coring a 12.5 inch DBH red pine in April of 2023 gave an age of 74. Trees that look the planting age dominate the north end of the stand while the rest of the red pine look somewhat uneven aged due to natural regeneration taking place over the years.</p> <p>2025 YOE Inventory BA Measurements: (80, 150, 170, 120, 100, 170)</p> <p>All trees with a merchantable stick were harvested from this stand, with the exception of red pine, as part of Timber Sale Name: Joe's Block; Timber Sale No.: 54-018-85-01. This sale was closed in April of 1990. The treatment was C-shaped. The east central portion of the stand was not treated.</p>																																																																					
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Bigtooth Aspen</td> <td>10</td> <td>Pole/Log</td> <td>8</td> <td></td> </tr> <tr> <td>Jack Pine</td> <td>3</td> <td>Pole/Log</td> <td>8</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>77</td> <td>Log</td> <td>13</td> <td>74</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>10</td> <td>Log/Pole</td> <td>11</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		Bigtooth Aspen	10	Pole/Log	8		Jack Pine	3	Pole/Log	8		Red Pine	77	Log	13	74	Black/Red (Hybrid) Oak	10	Log/Pole	11		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Balsam Fir</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Medium	Variable	Sapling																																							
Canopy Species	% Cover	Size Class	DBH	Age																																																																								
Bigtooth Aspen	10	Pole/Log	8																																																																									
Jack Pine	3	Pole/Log	8																																																																									
Red Pine	77	Log	13	74																																																																								
Black/Red (Hybrid) Oak	10	Log/Pole	11																																																																									
Sub-Canopy Species	Density	Avg. Height	Size																																																																									
Balsam Fir	Medium	Variable	Sapling																																																																									
47	6112 - Lowland Aspen	Poletimber Well	20.9	33	1-50	N/A	<p>The northeastern third of the stand is slightly more wet and slightly more dominate to fir, spruce, with minimal cedar. All trees with a merchantable stick were harvested from this stand, with the exception of red pine, as part of Timber Sale Name: Joe's Block; Timber Sale No.: 54-018-85-01. This sale was closed in April of 1990.</p>																																																																					
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Northern White Cedar</td> <td>3</td> <td>Pole/Sapling</td> <td>5</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>2</td> <td>Sapling/Pole</td> <td>4</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>5</td> <td>Sapling/Pole</td> <td>4</td> <td></td> </tr> <tr> <td>Black Spruce</td> <td>5</td> <td>Pole/Sapling</td> <td>5</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>50</td> <td>Pole/Sapling</td> <td>5</td> <td>33</td> </tr> <tr> <td>Balsam Poplar</td> <td>15</td> <td>Pole/Sapling</td> <td>5</td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>20</td> <td>Pole/Sapling</td> <td>5</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		Northern White Cedar	3	Pole/Sapling	5		Red Maple	2	Sapling/Pole	4		Paper Birch	5	Sapling/Pole	4		Black Spruce	5	Pole/Sapling	5		Quaking Aspen	50	Pole/Sapling	5	33	Balsam Poplar	15	Pole/Sapling	5		Balsam Fir	20	Pole/Sapling	5																																			
Canopy Species	% Cover	Size Class	DBH	Age																																																																								
Northern White Cedar	3	Pole/Sapling	5																																																																									
Red Maple	2	Sapling/Pole	4																																																																									
Paper Birch	5	Sapling/Pole	4																																																																									
Black Spruce	5	Pole/Sapling	5																																																																									
Quaking Aspen	50	Pole/Sapling	5	33																																																																								
Balsam Poplar	15	Pole/Sapling	5																																																																									
Balsam Fir	20	Pole/Sapling	5																																																																									



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

48 6139 - Mixed Lowland Forest Poletimber Well 3.4 95 81-110 N/A There is standing/flowing water in this stand. This area is a drainage and does not have a defined creek bank.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	10	Pole	7		Balsam Fir	High	Variable	Sapling
Red Oak	1	Log	14					
Red Maple	15	Pole/Log	8					
White Spruce	1	Log	12					
Paper Birch	10	Pole/Sapling	6					
Quaking Aspen	15	Pole/Log	8					
Red Pine	5	Log	14					
Black Spruce	3	Pole	8					
Balsam Poplar	3	Pole	7					
Hemlock	2	Pole/Sapling	7					
Northern White Cedar	15	Log/Pole	10					
White Pine	20	Log	12	95				

49 6120 - Lowland Cedar Poletimber Well 13.8 121 201+ N/A There is a steep northeast aspect slope just outside the east edge of the stand making it somewhat odd that there is lots of windthrow within the west edge of the stand. Several flowing streams throughout stand.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Yellow Birch	5	Pole/Sapling	5		Balsam Fir	Low	Variable	Sapling
Red Maple	5	Pole/Log	8					
Balsam Fir	15	Pole	7					
Black Spruce	10	Pole/Log	8					
Northern White Cedar	60	Log/Pole	11	121				
Paper Birch	5	Pole/Log	8					

50 6112 - Lowland Aspen Poletimber Well 3.7 64 51-80 N/A The coring and aging of an aspen suggest the diameter growth has been slow in this stand.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Northern White Cedar	10	Log/Pole	10		Balsam Fir	High	Variable	Sapling
Balsam Fir	25	Pole/Sapling	6					
Quaking Aspen	65	Pole	6	64				

51 6112 - Lowland Aspen Sawtimber Well 14.7 70 51-80 N/A This stand is very wet. Harvesting is not suggested.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Paper Birch	5	Pole/Log	8		Balsam Fir	High	Variable	Sapling
Quaking Aspen	60	Log/Pole	12	70				
Northern White Cedar	5	Log/Pole	11					
Red Maple	5	Log/Pole	11					
Balsam Fir	15	Pole/Log	8					
Balsam Poplar	10	Pole/Log	8					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments			
53	6112 - Lowland Aspen	Poletimber Well	2.0	45	1-50	N/A	This is mainly a drainage with lowland shrub and a pole timber aspen edge.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Quaking Aspen		90	Pole	7	45	Balsam Fir		High	Variable	Sapling
Balsam Fir		10	Pole/Sapling	6						
54	4133 - Aspen, Mixed Pine	Poletimber Well	0.9	45	51-80	N/A	This is a small upland aspen stand with lowland aspen to the immediate north and south.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
White Pine		20	Pole	7		Black/Red (Hybrid) Oak		Low	< 5 feet	Sapling
Quaking Aspen		30	Pole	6	45	Jack Pine		Low	Variable	Sapling
Bigtooth Aspen		50	Pole	7	45	Juniper		Low	< 5 feet	Tall Shrub
						Bigtooth Aspen		Medium	Variable	Sapling
						Balsam Fir	High	Variable	Sapling	
55	6112 - Lowland Aspen	Poletimber Well	7.9	44	51-80	N/A	This is somewhat smaller aspen than the aspen to the north.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Paper Birch		20	Pole/Sapling	5		Balsam Fir		High	Variable	Sapling
Balsam Fir		20	Pole/Log	8						
Quaking Aspen		60	Pole/Log	9	44					
56	6115 - Lowland Ash	Sapling Well	12.3	20	Immature	N/A	It appears that high winds took out the canopy of this stand. This stand is too wet to harvest.			
Canopy Species		% Cover	Size Class	DBH	Age					
Balsam Fir		5	Pole	8						
Northern White Cedar		5	Log/Pole	10						
Black Ash		45	Sapling	1	20					
Green Ash		45	Sapling	1						
58	6120 - Lowland Cedar	Sawtimber Well	5.8	118	141-170	N/A	This is a small cedar dominate pocket.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Red Maple		5	Log/Pole	11		Balsam Fir		Medium	Variable	Sapling
Paper Birch		5	Pole/Log	8						
Balsam Fir		5	Log/Pole	10						
Northern White Cedar		70	Log/Pole	12	118					
Quaking Aspen		15	Log/Pole	11						
59	6120 - Lowland Cedar	Sawtimber Well	5.7	117	171-200	N/A	This stand is too wet to harvest. Seeps are present in the stand.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Quaking Aspen		5	XLog/Log	20		Balsam Fir		Low	Variable	Sapling
Yellow Birch		2	Pole	8						
Red Maple		2	Log/Pole	10						
Paper Birch		5	Log/Pole	10						
Northern White Cedar		86	Log/Pole	12	117					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments	
60	6119 - Mixed Lowland Deciduous Forest	Sawtimber Poor	10.8	93	1-50	N/A	This stand is full of dead fallen ash. This stand is experiencing higher soil water levels as evidenced by the presence of struggling sugar maple in the stand. This stand is too wet to harvest.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Basswood		60	Log	15	93	Balsam Fir		
Northern White Cedar		5	Log	11		Black Ash		
Yellow Birch		10	Log/Pole	12		Green Ash		
Balsam Fir		5	Pole/Sapling	5				
Sugar Maple		20	Log	12				
61	4139 - Aspen, Mixed Deciduous	Sawtimber Well	10.9	80	81-110	N/A	Much of the stand sits on a northeastern aspect. Northern hardwoods are to the north with a majority of the rest of the stand being aspen dominate. The pine is concentrated to the southwest.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Sugar Maple		15	Log	15	93	White Pine		
Red Maple		20	Log	14		Balsam Fir		
Red Oak		6	Log/Pole/XLog	12		Sugar Maple		
Bigtooth Aspen		55	Log	12	80	Ironwood		
White Pine		3	Log/Pole	12		Beech		
Red Pine		1	Log	15				
62	6120 - Lowland Cedar	Poletimber Well	9.5	108	141-170	N/A	This is nice cedar with an open understory.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Northern White Cedar		90	Pole/Log	8	108	Balsam Fir		
Paper Birch		5	Pole	7				
Balsam Fir		5	Pole/Sapling	5				
63	122 - Road/Parking Lot	Nonstocked	0.9			No	This is Spruce Road.	
64	622 - Lowland Shrub	Nonstocked	1.4	0		No		



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																																								
65	6117 - Lowland Deciduous, Mixed Coniferous	Poletimber Well	3.5	60	51-80	N/A	A creek runs W-E under Spruce Road and through the stand. An old road embankment runs S-N through the stand and crosses the stream. Any bridge that may have been present has been removed.																																																																								
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr><td>Bigtooth Aspen</td><td>7</td><td>Log/Pole</td><td>11</td><td></td></tr> <tr><td>Red Oak</td><td>3</td><td>Log/XLog</td><td>16</td><td></td></tr> <tr><td>Northern White Cedar</td><td>15</td><td>Pole/Sapling</td><td>7</td><td>60</td></tr> <tr><td>Balsam Fir</td><td>5</td><td>Pole/Sapling</td><td>5</td><td></td></tr> <tr><td>Paper Birch</td><td>15</td><td>Pole/Log</td><td>9</td><td></td></tr> <tr><td>Red Maple</td><td>15</td><td>Pole/Sapling</td><td>6</td><td></td></tr> <tr><td>Sugar Maple</td><td>15</td><td>Log</td><td>15</td><td></td></tr> <tr><td>Beech</td><td>2</td><td>Log</td><td>11</td><td></td></tr> <tr><td>Quaking Aspen</td><td>15</td><td>Pole/Log/Sap</td><td>8</td><td></td></tr> <tr><td>Basswood</td><td>3</td><td>Log/Pole</td><td>12</td><td></td></tr> <tr><td>Hemlock</td><td>5</td><td>Log/Pole</td><td>12</td><td></td></tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Bigtooth Aspen	7	Log/Pole	11		Red Oak	3	Log/XLog	16		Northern White Cedar	15	Pole/Sapling	7	60	Balsam Fir	5	Pole/Sapling	5		Paper Birch	15	Pole/Log	9		Red Maple	15	Pole/Sapling	6		Sugar Maple	15	Log	15		Beech	2	Log	11		Quaking Aspen	15	Pole/Log/Sap	8		Basswood	3	Log/Pole	12		Hemlock	5	Log/Pole	12		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr><td>Balsam Fir</td><td>Low</td><td>Variable</td><td>Sapling</td></tr> <tr><td>Sugar Maple</td><td>Medium</td><td>Variable</td><td>Sapling</td></tr> <tr><td>Northern White Cedar</td><td>Low</td><td>Variable</td><td>Sapling</td></tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Low	Variable	Sapling	Sugar Maple	Medium	Variable	Sapling	Northern White Cedar	Low	Variable	Sapling
Canopy Species	% Cover	Size Class	DBH	Age																																																																											
Bigtooth Aspen	7	Log/Pole	11																																																																												
Red Oak	3	Log/XLog	16																																																																												
Northern White Cedar	15	Pole/Sapling	7	60																																																																											
Balsam Fir	5	Pole/Sapling	5																																																																												
Paper Birch	15	Pole/Log	9																																																																												
Red Maple	15	Pole/Sapling	6																																																																												
Sugar Maple	15	Log	15																																																																												
Beech	2	Log	11																																																																												
Quaking Aspen	15	Pole/Log/Sap	8																																																																												
Basswood	3	Log/Pole	12																																																																												
Hemlock	5	Log/Pole	12																																																																												
Sub-Canopy Species	Density	Avg. Height	Size																																																																												
Balsam Fir	Low	Variable	Sapling																																																																												
Sugar Maple	Medium	Variable	Sapling																																																																												
Northern White Cedar	Low	Variable	Sapling																																																																												
66	429 - Mixed Upland Conifers	Sawtimber Well	11.3	80	141-170	N/A	This is a remnant pine stand between lowland cedar to the west and a recent harvest to the east. The central finger has a creek running through it, and the south finger has a drainage. Red pine is dominate to the south and white pine is dominate to the north.																																																																								
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr><td>Paper Birch</td><td>5</td><td>Pole</td><td>8</td><td></td></tr> <tr><td>Red Maple</td><td>5</td><td>Log/Pole</td><td>11</td><td></td></tr> <tr><td>Red Pine</td><td>33</td><td>Log/Pole/XLog</td><td>12</td><td>80</td></tr> <tr><td>Black Spruce</td><td>2</td><td>Pole/Sapling</td><td>6</td><td></td></tr> <tr><td>White Pine</td><td>20</td><td>Log/Pole/XLog</td><td>16</td><td></td></tr> <tr><td>Bigtooth Aspen</td><td>20</td><td>Log/Pole</td><td>10</td><td></td></tr> <tr><td>Northern White Cedar</td><td>5</td><td>Log/Pole</td><td>11</td><td>118</td></tr> <tr><td>Balsam Fir</td><td>10</td><td>Pole</td><td>7</td><td></td></tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Paper Birch	5	Pole	8		Red Maple	5	Log/Pole	11		Red Pine	33	Log/Pole/XLog	12	80	Black Spruce	2	Pole/Sapling	6		White Pine	20	Log/Pole/XLog	16		Bigtooth Aspen	20	Log/Pole	10		Northern White Cedar	5	Log/Pole	11	118	Balsam Fir	10	Pole	7		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr><td>Balsam Fir</td><td>Medium</td><td>Variable</td><td>Sapling</td></tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Medium	Variable	Sapling																							
Canopy Species	% Cover	Size Class	DBH	Age																																																																											
Paper Birch	5	Pole	8																																																																												
Red Maple	5	Log/Pole	11																																																																												
Red Pine	33	Log/Pole/XLog	12	80																																																																											
Black Spruce	2	Pole/Sapling	6																																																																												
White Pine	20	Log/Pole/XLog	16																																																																												
Bigtooth Aspen	20	Log/Pole	10																																																																												
Northern White Cedar	5	Log/Pole	11	118																																																																											
Balsam Fir	10	Pole	7																																																																												
Sub-Canopy Species	Density	Avg. Height	Size																																																																												
Balsam Fir	Medium	Variable	Sapling																																																																												
67	4191 - Mixed Upland Deciduous with Conifer	Sawtimber Well	6.7	78	51-80	N/A																																																																									
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr><td>White Pine</td><td>25</td><td>Log</td><td>14</td><td></td></tr> <tr><td>Paper Birch</td><td>10</td><td>Pole</td><td>8</td><td></td></tr> <tr><td>Red Maple</td><td>25</td><td>Log</td><td>11</td><td>78</td></tr> <tr><td>Bigtooth Aspen</td><td>25</td><td>Log/Pole</td><td>10</td><td></td></tr> <tr><td>Balsam Fir</td><td>15</td><td>Pole/Sapling</td><td>6</td><td></td></tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	White Pine	25	Log	14		Paper Birch	10	Pole	8		Red Maple	25	Log	11	78	Bigtooth Aspen	25	Log/Pole	10		Balsam Fir	15	Pole/Sapling	6		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr><td>Balsam Fir</td><td>High</td><td>Variable</td><td>Sapling</td></tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	High	Variable	Sapling																																						
Canopy Species	% Cover	Size Class	DBH	Age																																																																											
White Pine	25	Log	14																																																																												
Paper Birch	10	Pole	8																																																																												
Red Maple	25	Log	11	78																																																																											
Bigtooth Aspen	25	Log/Pole	10																																																																												
Balsam Fir	15	Pole/Sapling	6																																																																												
Sub-Canopy Species	Density	Avg. Height	Size																																																																												
Balsam Fir	High	Variable	Sapling																																																																												
68	110 - Low Intensity Urban	Nonstocked	0.6	0	Unspecified	No	This is a power line opening.																																																																								



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																				
69	42210 - Natural Red Pine	Sawtimber Well	3.8	93	81-110	N/A	2025 YOE Inventory BA Measurements: (120, 120, 30, 90, 80, 80)																																																				
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Oak</td> <td>20</td> <td>Log/Pole/XLog</td> <td>13</td> <td></td> </tr> <tr> <td>White Pine</td> <td>3</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>75</td> <td>Log/Pole/XLog</td> <td>14</td> <td>93</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>2</td> <td>Pole/Log</td> <td>8</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Oak	20	Log/Pole/XLog	13		White Pine	3	Log/Pole	10		Red Pine	75	Log/Pole/XLog	14	93	Black/Red (Hybrid) Oak	2	Pole/Log	8		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Bigtooth Aspen</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Beech</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Bigtooth Aspen	Medium	Variable	Sapling	Beech	Low	Variable	Sapling	Black/Red (Hybrid) Oak	Low	Variable	Sapling	White Pine	Low	Variable	Sapling	<p>This stand was thinned down to 80 BA as part of Timber Sale Name: Spruce Road Mix; Timber Sale No.: 54-017-16-01. The thought was to thin this stand while harvesting in adjacent stands because it would be long time before we harvest in this area again.</p>										
Canopy Species	% Cover	Size Class	DBH	Age																																																							
Red Oak	20	Log/Pole/XLog	13																																																								
White Pine	3	Log/Pole	10																																																								
Red Pine	75	Log/Pole/XLog	14	93																																																							
Black/Red (Hybrid) Oak	2	Pole/Log	8																																																								
Sub-Canopy Species	Density	Avg. Height	Size																																																								
Bigtooth Aspen	Medium	Variable	Sapling																																																								
Beech	Low	Variable	Sapling																																																								
Black/Red (Hybrid) Oak	Low	Variable	Sapling																																																								
White Pine	Low	Variable	Sapling																																																								
70	6117 - Lowland Deciduous, Mixed Coniferous	Sawtimber Well	20.7	78	51-80	N/A	This is borderline upland/lowland. In April 2023 a 10 inch DBH red maple grown from stump sprouts aged at 78 years. The hemlock is focused in the northwest.																																																				
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Paper Birch</td> <td>20</td> <td>Pole/Log</td> <td>8</td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>15</td> <td>Pole/Sapling</td> <td>6</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>35</td> <td>Log/Pole</td> <td>11</td> <td>78</td> </tr> <tr> <td>Black Spruce</td> <td>5</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>1</td> <td>XLog</td> <td>20</td> <td></td> </tr> <tr> <td>Hemlock</td> <td>5</td> <td>Log/Pole</td> <td>12</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>9</td> <td>Log/XLog</td> <td>16</td> <td></td> </tr> <tr> <td>Northern White Cedar</td> <td>10</td> <td>Log/Pole</td> <td>10</td> <td>118</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Paper Birch	20	Pole/Log	8		Balsam Fir	15	Pole/Sapling	6		Red Maple	35	Log/Pole	11	78	Black Spruce	5	Log/Pole	10		Red Pine	1	XLog	20		Hemlock	5	Log/Pole	12		Bigtooth Aspen	9	Log/XLog	16		Northern White Cedar	10	Log/Pole	10	118	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Balsam Fir</td> <td>High</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	High	Variable	Sapling			
Canopy Species	% Cover	Size Class	DBH	Age																																																							
Paper Birch	20	Pole/Log	8																																																								
Balsam Fir	15	Pole/Sapling	6																																																								
Red Maple	35	Log/Pole	11	78																																																							
Black Spruce	5	Log/Pole	10																																																								
Red Pine	1	XLog	20																																																								
Hemlock	5	Log/Pole	12																																																								
Bigtooth Aspen	9	Log/XLog	16																																																								
Northern White Cedar	10	Log/Pole	10	118																																																							
Sub-Canopy Species	Density	Avg. Height	Size																																																								
Balsam Fir	High	Variable	Sapling																																																								
71	4319 - Mixed Upland Forest	Poletimber Well	11.5	95	81-110	N/A	Large aspen as well as large remnant red pine and white pine are present.																																																				
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Balsam Fir</td> <td>20</td> <td>Pole</td> <td>7</td> <td></td> </tr> <tr> <td>Northern White Cedar</td> <td>5</td> <td>Pole/Log</td> <td>8</td> <td></td> </tr> <tr> <td>White Pine</td> <td>15</td> <td>XLog/Log</td> <td>20</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>25</td> <td>Log</td> <td>14</td> <td>95</td> </tr> <tr> <td>Red Pine</td> <td>2</td> <td>Log/XLog</td> <td>16</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>25</td> <td>Log</td> <td>14</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>8</td> <td>Pole</td> <td>7</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Balsam Fir	20	Pole	7		Northern White Cedar	5	Pole/Log	8		White Pine	15	XLog/Log	20		Red Maple	25	Log	14	95	Red Pine	2	Log/XLog	16		Bigtooth Aspen	25	Log	14		Paper Birch	8	Pole	7		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Balsam Fir</td> <td>High</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	High	Variable	Sapling								
Canopy Species	% Cover	Size Class	DBH	Age																																																							
Balsam Fir	20	Pole	7																																																								
Northern White Cedar	5	Pole/Log	8																																																								
White Pine	15	XLog/Log	20																																																								
Red Maple	25	Log	14	95																																																							
Red Pine	2	Log/XLog	16																																																								
Bigtooth Aspen	25	Log	14																																																								
Paper Birch	8	Pole	7																																																								
Sub-Canopy Species	Density	Avg. Height	Size																																																								
Balsam Fir	High	Variable	Sapling																																																								
72	6120 - Lowland Cedar	Poletimber Well	31.1	118	141-170	N/A	There was flowing water, standing water, and dryer ground in this stand in the spring of 2023. Cedar vary in diameter throughout the stand. This stand is too wet to harvest.																																																				
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Quaking Aspen</td> <td>4</td> <td>Log/Pole</td> <td>11</td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>10</td> <td>Pole/Sapling</td> <td>6</td> <td></td> </tr> <tr> <td>Balsam Poplar</td> <td>5</td> <td>Pole/Log</td> <td>8</td> <td></td> </tr> <tr> <td>Northern White Cedar</td> <td>70</td> <td>Pole/Log</td> <td>9</td> <td>118</td> </tr> <tr> <td>Red Maple</td> <td>5</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> <tr> <td>White Pine</td> <td>1</td> <td>XLog/Log</td> <td>20</td> <td></td> </tr> <tr> <td>White Spruce</td> <td>2</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> <tr> <td>Black Spruce</td> <td>3</td> <td>Pole/Log</td> <td>8</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	4	Log/Pole	11		Balsam Fir	10	Pole/Sapling	6		Balsam Poplar	5	Pole/Log	8		Northern White Cedar	70	Pole/Log	9	118	Red Maple	5	Log/Pole	10		White Pine	1	XLog/Log	20		White Spruce	2	Log/Pole	10		Black Spruce	3	Pole/Log	8		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Balsam Fir</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Medium	Variable	Sapling			
Canopy Species	% Cover	Size Class	DBH	Age																																																							
Quaking Aspen	4	Log/Pole	11																																																								
Balsam Fir	10	Pole/Sapling	6																																																								
Balsam Poplar	5	Pole/Log	8																																																								
Northern White Cedar	70	Pole/Log	9	118																																																							
Red Maple	5	Log/Pole	10																																																								
White Pine	1	XLog/Log	20																																																								
White Spruce	2	Log/Pole	10																																																								
Black Spruce	3	Pole/Log	8																																																								
Sub-Canopy Species	Density	Avg. Height	Size																																																								
Balsam Fir	Medium	Variable	Sapling																																																								



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																												
73	6119 - Mixed Lowland Deciduous Forest	Poletimber Well	54.2	32	1-50	N/A	This stand was harvested with adjacent Stand 10 to the east, but the stands were divided based on overstory composition. All trees with a merchantable stick were harvested from this stand in a sale closed in January of 1991; this was Timber Sale Name: Off the Trail Sale; Timber Sale No.: 54-017-85-01.																																												
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Paper Birch</td> <td>5</td> <td>Sapling</td> <td>3</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>25</td> <td>Pole/Sapling</td> <td>5</td> <td>32</td> </tr> <tr> <td>White Pine</td> <td>5</td> <td>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>1</td> <td>Pole</td> <td>7</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>54</td> <td>Pole/Sapling</td> <td>5</td> <td>32</td> </tr> <tr> <td>Balsam Fir</td> <td>10</td> <td>Sapling/Pole</td> <td>4</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		Paper Birch	5	Sapling	3		Quaking Aspen	25	Pole/Sapling	5	32	White Pine	5	Pole	6		Red Pine	1	Pole	7		Red Maple	54	Pole/Sapling	5	32	Balsam Fir	10	Sapling/Pole	4		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Balsam Fir</td> <td>High</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Michigan Holly</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	High	Variable	Sapling	Michigan Holly	Medium	5 - 10 feet	Tall Shrub
Canopy Species	% Cover	Size Class	DBH	Age																																															
Paper Birch	5	Sapling	3																																																
Quaking Aspen	25	Pole/Sapling	5	32																																															
White Pine	5	Pole	6																																																
Red Pine	1	Pole	7																																																
Red Maple	54	Pole/Sapling	5	32																																															
Balsam Fir	10	Sapling/Pole	4																																																
Sub-Canopy Species	Density	Avg. Height	Size																																																
Balsam Fir	High	Variable	Sapling																																																
Michigan Holly	Medium	5 - 10 feet	Tall Shrub																																																
74	6120 - Lowland Cedar	Sawtimber Well	23.3	123	171-200	N/A	There was standing water throughout the stand in April 2023. This stand is basically a wide drainage. This stand is too wet to harvest. A stream runs through this stand.																																												
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Tamarack</td> <td>5</td> <td>Log</td> <td>12</td> <td></td> </tr> <tr> <td>White Spruce</td> <td>5</td> <td>Log/Pole</td> <td>12</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>5</td> <td>Log/Pole</td> <td>12</td> <td></td> </tr> <tr> <td>Northern White Cedar</td> <td>75</td> <td>Log/Pole</td> <td>11</td> <td>123</td> </tr> <tr> <td>Black Spruce</td> <td>10</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		Tamarack	5	Log	12		White Spruce	5	Log/Pole	12		Red Maple	5	Log/Pole	12		Northern White Cedar	75	Log/Pole	11	123	Black Spruce	10	Log/Pole	10		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Balsam Fir</td> <td>High</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	High	Variable	Sapling									
Canopy Species	% Cover	Size Class	DBH	Age																																															
Tamarack	5	Log	12																																																
White Spruce	5	Log/Pole	12																																																
Red Maple	5	Log/Pole	12																																																
Northern White Cedar	75	Log/Pole	11	123																																															
Black Spruce	10	Log/Pole	10																																																
Sub-Canopy Species	Density	Avg. Height	Size																																																
Balsam Fir	High	Variable	Sapling																																																
75	6120 - Lowland Cedar	Poletimber Well	3.7	53	111-140	N/A	This is impressive cedar regeneration. There was standing water throughout the stand in April 2023; seasonally wet stand.																																												
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Balsam Poplar</td> <td>10</td> <td>Pole</td> <td>7</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>5</td> <td>Pole/Sapling</td> <td>5</td> <td></td> </tr> <tr> <td>Black Spruce</td> <td>5</td> <td>Pole/Log</td> <td>8</td> <td></td> </tr> <tr> <td>Northern White Cedar</td> <td>70</td> <td>Pole/Sapling</td> <td>6</td> <td>53</td> </tr> <tr> <td>Balsam Fir</td> <td>10</td> <td>Pole/Sapling</td> <td>6</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		Balsam Poplar	10	Pole	7		Paper Birch	5	Pole/Sapling	5		Black Spruce	5	Pole/Log	8		Northern White Cedar	70	Pole/Sapling	6	53	Balsam Fir	10	Pole/Sapling	6																				
Canopy Species	% Cover	Size Class	DBH	Age																																															
Balsam Poplar	10	Pole	7																																																
Paper Birch	5	Pole/Sapling	5																																																
Black Spruce	5	Pole/Log	8																																																
Northern White Cedar	70	Pole/Sapling	6	53																																															
Balsam Fir	10	Pole/Sapling	6																																																
76	6112 - Lowland Aspen	Sawtimber Well	0.7	70	51-80	N/A	This stand is too wet to harvest.																																												
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Balsam Fir</td> <td>5</td> <td>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>90</td> <td>Log</td> <td>11</td> <td>70</td> </tr> <tr> <td>Paper Birch</td> <td>5</td> <td>Pole</td> <td>7</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		Balsam Fir	5	Pole	6		Quaking Aspen	90	Log	11	70	Paper Birch	5	Pole	7		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Balsam Fir</td> <td>High</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	High	Variable	Sapling																			
Canopy Species	% Cover	Size Class	DBH	Age																																															
Balsam Fir	5	Pole	6																																																
Quaking Aspen	90	Log	11	70																																															
Paper Birch	5	Pole	7																																																
Sub-Canopy Species	Density	Avg. Height	Size																																																
Balsam Fir	High	Variable	Sapling																																																
77	6117 - Lowland Deciduous, Mixed Coniferous	Poletimber Well	3.9	50	51-80	N/A	This stand acts as a drainage and was full of flowing water in April 2023. This stand is too wet to harvest.																																												
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Quaking Aspen</td> <td>5</td> <td>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>15</td> <td>Pole/Sapling</td> <td>6</td> <td></td> </tr> <tr> <td>Northern White Cedar</td> <td>10</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>25</td> <td>Pole</td> <td>6</td> <td>50</td> </tr> <tr> <td>Balsam Poplar</td> <td>20</td> <td>Pole</td> <td>7</td> <td></td> </tr> <tr> <td>Black Spruce</td> <td>5</td> <td>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>20</td> <td>Pole</td> <td>8</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		Quaking Aspen	5	Pole	6		Balsam Fir	15	Pole/Sapling	6		Northern White Cedar	10	Log/Pole	10		Paper Birch	25	Pole	6	50	Balsam Poplar	20	Pole	7		Black Spruce	5	Pole	6		Red Maple	20	Pole	8		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Balsam Fir</td> <td>High</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	High	Variable
Canopy Species	% Cover	Size Class	DBH	Age																																															
Quaking Aspen	5	Pole	6																																																
Balsam Fir	15	Pole/Sapling	6																																																
Northern White Cedar	10	Log/Pole	10																																																
Paper Birch	25	Pole	6	50																																															
Balsam Poplar	20	Pole	7																																																
Black Spruce	5	Pole	6																																																
Red Maple	20	Pole	8																																																
Sub-Canopy Species	Density	Avg. Height	Size																																																
Balsam Fir	High	Variable	Sapling																																																



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																												
78	4319 - Mixed Upland Forest	Poletimber Well	15.2	70	111-140	N/A	This stand is ready for harvest. Due to cutting to the north and south during the 2025 YOE, harvest this stand during the 2035 YOE.																																												
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr><td>Hemlock</td><td>10</td><td>Log</td><td>15</td><td></td></tr> <tr><td>Red Maple</td><td>18</td><td>Pole/Log</td><td>9</td><td></td></tr> <tr><td>Balsam Fir</td><td>15</td><td>Pole/Sapling</td><td>6</td><td></td></tr> <tr><td>White Pine</td><td>10</td><td>Log/Pole/XLog</td><td>12</td><td>67</td></tr> <tr><td>Northern White Cedar</td><td>10</td><td>Pole</td><td>8</td><td></td></tr> <tr><td>Red Pine</td><td>5</td><td>Log/Pole</td><td>10</td><td></td></tr> <tr><td>Bigtooth Aspen</td><td>32</td><td>Pole/Log</td><td>9</td><td>70</td></tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Hemlock	10	Log	15		Red Maple	18	Pole/Log	9		Balsam Fir	15	Pole/Sapling	6		White Pine	10	Log/Pole/XLog	12	67	Northern White Cedar	10	Pole	8		Red Pine	5	Log/Pole	10		Bigtooth Aspen	32	Pole/Log	9	70	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Balsam Fir</td> <td>High</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	High	Variable	Sapling
Canopy Species	% Cover	Size Class	DBH	Age																																															
Hemlock	10	Log	15																																																
Red Maple	18	Pole/Log	9																																																
Balsam Fir	15	Pole/Sapling	6																																																
White Pine	10	Log/Pole/XLog	12	67																																															
Northern White Cedar	10	Pole	8																																																
Red Pine	5	Log/Pole	10																																																
Bigtooth Aspen	32	Pole/Log	9	70																																															
Sub-Canopy Species	Density	Avg. Height	Size																																																
Balsam Fir	High	Variable	Sapling																																																
79	6112 - Lowland Aspen	Poletimber Well	22.3	70	81-110	N/A	The southern third of the stand is somewhat different with a dense balsam fir sapling understory and lacking the the balsam fir pole timber.																																												
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr><td>Quaking Aspen</td><td>60</td><td>Pole/Log</td><td>8</td><td>70</td></tr> <tr><td>Balsam Fir</td><td>28</td><td>Pole</td><td>7</td><td></td></tr> <tr><td>Red Maple</td><td>9</td><td>Log/Pole</td><td>10</td><td></td></tr> <tr><td>Black Spruce</td><td>2</td><td>Pole</td><td>6</td><td></td></tr> <tr><td>Northern White Cedar</td><td>1</td><td>Log/Pole</td><td>12</td><td></td></tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	60	Pole/Log	8	70	Balsam Fir	28	Pole	7		Red Maple	9	Log/Pole	10		Black Spruce	2	Pole	6		Northern White Cedar	1	Log/Pole	12		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Balsam Fir</td> <td>High</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	High	Variable	Sapling										
Canopy Species	% Cover	Size Class	DBH	Age																																															
Quaking Aspen	60	Pole/Log	8	70																																															
Balsam Fir	28	Pole	7																																																
Red Maple	9	Log/Pole	10																																																
Black Spruce	2	Pole	6																																																
Northern White Cedar	1	Log/Pole	12																																																
Sub-Canopy Species	Density	Avg. Height	Size																																																
Balsam Fir	High	Variable	Sapling																																																
80	4311 - Pine, Aspen Mix	Sawtimber Well	17.9	101	81-110	N/A	This stand has areas dominate to white pine and areas dominate to aspen.																																												
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr><td>Paper Birch</td><td>10</td><td>Pole</td><td>6</td><td></td></tr> <tr><td>Red Oak</td><td>1</td><td>Log</td><td>15</td><td></td></tr> <tr><td>White Pine</td><td>50</td><td>Log/Pole/XLog</td><td>13</td><td>101</td></tr> <tr><td>Bigtooth Aspen</td><td>25</td><td>Log</td><td>12</td><td></td></tr> <tr><td>Red Maple</td><td>14</td><td>Log/Pole</td><td>11</td><td></td></tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Paper Birch	10	Pole	6		Red Oak	1	Log	15		White Pine	50	Log/Pole/XLog	13	101	Bigtooth Aspen	25	Log	12		Red Maple	14	Log/Pole	11		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr><td>Balsam Fir</td><td>Low</td><td>Variable</td><td>Sapling</td></tr> <tr><td>White Pine</td><td>Low</td><td>Variable</td><td>Sapling</td></tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Low	Variable	Sapling	White Pine	Low	Variable	Sapling						
Canopy Species	% Cover	Size Class	DBH	Age																																															
Paper Birch	10	Pole	6																																																
Red Oak	1	Log	15																																																
White Pine	50	Log/Pole/XLog	13	101																																															
Bigtooth Aspen	25	Log	12																																																
Red Maple	14	Log/Pole	11																																																
Sub-Canopy Species	Density	Avg. Height	Size																																																
Balsam Fir	Low	Variable	Sapling																																																
White Pine	Low	Variable	Sapling																																																
81	6112 - Lowland Aspen	Poletimber Well	7.3	60	81-110	N/A	This stand is ready for harvest. Due to cutting to the north and south during the 2025 YOE, harvest this stand during the 2035 YOE.																																												
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr><td>Balsam Fir</td><td>30</td><td>Pole</td><td>6</td><td></td></tr> <tr><td>Black Spruce</td><td>5</td><td>Pole</td><td>6</td><td></td></tr> <tr><td>Quaking Aspen</td><td>50</td><td>Pole</td><td>7</td><td>60</td></tr> <tr><td>Balsam Poplar</td><td>15</td><td>Pole</td><td>7</td><td></td></tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Balsam Fir	30	Pole	6		Black Spruce	5	Pole	6		Quaking Aspen	50	Pole	7	60	Balsam Poplar	15	Pole	7		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Balsam Fir</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Medium	Variable	Sapling															
Canopy Species	% Cover	Size Class	DBH	Age																																															
Balsam Fir	30	Pole	6																																																
Black Spruce	5	Pole	6																																																
Quaking Aspen	50	Pole	7	60																																															
Balsam Poplar	15	Pole	7																																																
Sub-Canopy Species	Density	Avg. Height	Size																																																
Balsam Fir	Medium	Variable	Sapling																																																
82	6229 - Mixed lowland shrub	Nonstocked	3.6		Unspecified	No																																													



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																															
83	42350 - Upland Hemlock	Sawtimber Well	2.7	107	111-140	N/A	This is a hemlock dominate stand. Protect this stand into the future.																																															
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Northern White Cedar</td> <td>5</td> <td>Pole/Log</td> <td>8</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>10</td> <td>Pole/Log</td> <td>9</td> <td></td> </tr> <tr> <td>Hemlock</td> <td>75</td> <td>Log</td> <td>15</td> <td>107</td> </tr> <tr> <td>Paper Birch</td> <td>10</td> <td>Pole</td> <td>8</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Northern White Cedar	5	Pole/Log	8		Red Maple	10	Pole/Log	9		Hemlock	75	Log	15	107	Paper Birch	10	Pole	8		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Balsam Fir</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Low	Variable	Sapling																		
Canopy Species	% Cover	Size Class	DBH	Age																																																		
Northern White Cedar	5	Pole/Log	8																																																			
Red Maple	10	Pole/Log	9																																																			
Hemlock	75	Log	15	107																																																		
Paper Birch	10	Pole	8																																																			
Sub-Canopy Species	Density	Avg. Height	Size																																																			
Balsam Fir	Low	Variable	Sapling																																																			
84	6112 - Lowland Aspen	Poletimber Well	8.1	62	81-110	N/A	This is an upland to lowland aspen transition area with shrub pockets.																																															
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Balsam Fir</td> <td>20</td> <td>Pole</td> <td>7</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>50</td> <td>Pole/Log</td> <td>9</td> <td>62</td> </tr> <tr> <td>Bigtooth Aspen</td> <td>20</td> <td>Pole/Log</td> <td>9</td> <td>62</td> </tr> <tr> <td>Red Maple</td> <td>10</td> <td>Log/Pole</td> <td>11</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Balsam Fir	20	Pole	7		Quaking Aspen	50	Pole/Log	9	62	Bigtooth Aspen	20	Pole/Log	9	62	Red Maple	10	Log/Pole	11		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Balsam Fir</td> <td>Medium</td> <td>>20 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Medium	>20 feet	Sapling																		
Canopy Species	% Cover	Size Class	DBH	Age																																																		
Balsam Fir	20	Pole	7																																																			
Quaking Aspen	50	Pole/Log	9	62																																																		
Bigtooth Aspen	20	Pole/Log	9	62																																																		
Red Maple	10	Log/Pole	11																																																			
Sub-Canopy Species	Density	Avg. Height	Size																																																			
Balsam Fir	Medium	>20 feet	Sapling																																																			
85	6112 - Lowland Aspen	Poletimber Well	7.7	62	51-80	N/A	This stand is too wet to harvest.																																															
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Balsam Fir</td> <td>30</td> <td>Pole</td> <td>7</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>10</td> <td>Pole/Log</td> <td>8</td> <td></td> </tr> <tr> <td>Balsam Poplar</td> <td>10</td> <td>Pole/Log</td> <td>9</td> <td>62</td> </tr> <tr> <td>Paper Birch</td> <td>10</td> <td>Pole</td> <td>7</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>40</td> <td>Pole/Log</td> <td>9</td> <td>62</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Balsam Fir	30	Pole	7		Red Maple	10	Pole/Log	8		Balsam Poplar	10	Pole/Log	9	62	Paper Birch	10	Pole	7		Quaking Aspen	40	Pole/Log	9	62	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Balsam Fir</td> <td>Medium</td> <td>>20 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Medium	>20 feet	Sapling													
Canopy Species	% Cover	Size Class	DBH	Age																																																		
Balsam Fir	30	Pole	7																																																			
Red Maple	10	Pole/Log	8																																																			
Balsam Poplar	10	Pole/Log	9	62																																																		
Paper Birch	10	Pole	7																																																			
Quaking Aspen	40	Pole/Log	9	62																																																		
Sub-Canopy Species	Density	Avg. Height	Size																																																			
Balsam Fir	Medium	>20 feet	Sapling																																																			
86	6112 - Lowland Aspen	Sawtimber Well	51.2	63	51-80	N/A	It is odd to see such large growth rings on the aspen when other aspen in saturated soil in nearby stans have seen such slow ring growth. This could have been more open grown. This stand is too wet to harvest.																																															
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Yellow Birch</td> <td>1</td> <td>Log</td> <td>15</td> <td></td> </tr> <tr> <td>Northern White Cedar</td> <td>1</td> <td>Log/Pole</td> <td>11</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>61</td> <td>Log/Pole</td> <td>10</td> <td>63</td> </tr> <tr> <td>Balsam Fir</td> <td>12</td> <td>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>12</td> <td>Log</td> <td>12</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>10</td> <td>Log/Pole</td> <td>12</td> <td></td> </tr> <tr> <td>Hemlock</td> <td>3</td> <td>Log/Pole</td> <td>12</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Yellow Birch	1	Log	15		Northern White Cedar	1	Log/Pole	11		Quaking Aspen	61	Log/Pole	10	63	Balsam Fir	12	Pole	6		Red Maple	12	Log	12		Paper Birch	10	Log/Pole	12		Hemlock	3	Log/Pole	12		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Balsam Fir</td> <td>High</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	High	Variable	Sapling			
Canopy Species	% Cover	Size Class	DBH	Age																																																		
Yellow Birch	1	Log	15																																																			
Northern White Cedar	1	Log/Pole	11																																																			
Quaking Aspen	61	Log/Pole	10	63																																																		
Balsam Fir	12	Pole	6																																																			
Red Maple	12	Log	12																																																			
Paper Birch	10	Log/Pole	12																																																			
Hemlock	3	Log/Pole	12																																																			
Sub-Canopy Species	Density	Avg. Height	Size																																																			
Balsam Fir	High	Variable	Sapling																																																			
87	4133 - Aspen, Mixed Pine	Sawtimber Well	10.2	99	111-140	N/A	This stand has a nice mix of pine with the aspen and striped maple in the understory indicating higher site index.																																															
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>5</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>44</td> <td>Log</td> <td>12</td> <td>99</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>15</td> <td>XLog/Log</td> <td>18</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>10</td> <td>Log</td> <td>15</td> <td></td> </tr> <tr> <td>White Pine</td> <td>25</td> <td>Log/XLog/Pole</td> <td>14</td> <td></td> </tr> <tr> <td>Beech</td> <td>1</td> <td>Log</td> <td>15</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	5	Log/Pole	10		Bigtooth Aspen	44	Log	12	99	Black/Red (Hybrid) Oak	15	XLog/Log	18		Red Pine	10	Log	15		White Pine	25	Log/XLog/Pole	14		Beech	1	Log	15		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Striped Maple</td> <td>Medium</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Beech</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Striped Maple	Medium	10 - 20 feet	Sapling	White Pine	Medium	Variable	Sapling	Beech	Low	Variable	Sapling
Canopy Species	% Cover	Size Class	DBH	Age																																																		
Red Maple	5	Log/Pole	10																																																			
Bigtooth Aspen	44	Log	12	99																																																		
Black/Red (Hybrid) Oak	15	XLog/Log	18																																																			
Red Pine	10	Log	15																																																			
White Pine	25	Log/XLog/Pole	14																																																			
Beech	1	Log	15																																																			
Sub-Canopy Species	Density	Avg. Height	Size																																																			
Striped Maple	Medium	10 - 20 feet	Sapling																																																			
White Pine	Medium	Variable	Sapling																																																			
Beech	Low	Variable	Sapling																																																			



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

88 4110 - Sugar Maple Association Sawtimber Well 7.0 99 81-110 N/A This is one of two hardwood stands in the compartment.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	55	Log	14	99	Sugar Maple	Medium	Variable	Sapling
Basswood	25	Log	16					
Red Maple	4	Log	14					
Yellow Birch	1	Log/Pole	10					
Bigtooth Aspen	15	Pole	7					

89 6112 - Lowland Aspen Sawtimber Medium 22.0 70 51-80 N/A This stand is too wet to harvest. This stand aged out a little bit older but could be merged with the aspen stand to the north.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Quaking Aspen	82	Log	13	70	Black Ash	Medium	Variable	Sapling
Red Maple	10	Log/Pole	10		Balsam Fir	Medium	Variable	Sapling
Paper Birch	3	Pole/Log	8		Green Ash	High	Variable	Sapling
Balsam Fir	5	Pole	7					

90 6120 - Lowland Cedar Sawtimber Well 8.4 118 111-140 N/A The higher amount of cedar in the canopy separates this stand out from the stand to the east.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Paper Birch	10	Pole	8		Balsam Fir	Low	Variable	Sapling
Northern White Cedar	70	Log/Pole	11	118				
Quaking Aspen	15	Log	14					
Red Maple	5	Log/Pole	11					