



Compartment Review Presentation

Atlanta Forest Management Unit

Compartment 54076

Entry Year 2023

Acreage: 2,461

County Montmorency

Management Area: Thunder Bay Outwash

Revision Date: 2021-04-12

Stand Examiner: Darrick Coy

Legal Description:

T32N, R4E, Sec. 4, 6, 7, 8, 9, 16, 17, & 19

Identified Planning Goals:

To provide for the protection, integrated management and responsible use of a healthy, productive, and undiminished forest resource base for the social, recreational, environmental, and economic benefit of the State of Michigan. Harvests prescribed will help to balance the age classes of aspen, pine, and other cover types to sustainably produce various timber products, enhance game and non-game wildlife habitat and provide for forest-based recreational uses.

Soil and topography:

Upland soils are sandy with mostly rolling to steep terrain in a few areas with upland ridges. Cover types are predominately aspen, oak, cedar, natural pine, and lowland conifer. Forest habitat types are PARVVb, PARVHa, PARVCo, AFO, and unclassified lowland. Dry ground is mostly PARVHa/PARVVb with a little AFO.

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

The compartment is almost entirely surrounded by private ownership. No gas production facilities/infrastructure or designated recreational trails exist. Royston farmland lies to the east. Most adjacent private property consists of small hunting camps or other seasonal dwellings.

Unique Natural Features:

No documented species or other features present. Contact Michigan Natural Features Inventory for more information or reporting.

Archeological, Historical, and Cultural Features:

Sites exist. Contact the State Historical Preservation Office for more information or reporting of new sites.

Special Management Designations or Considerations:

No special considerations exist for this compartment.

Watershed and Fisheries Considerations:

North Branch of the Thunder Bay River flows through this compartment, mostly across private in holdings. Ribble Lake and large wetlands border the compartment.

Wildlife Habitat Considerations:

Mineral Resource and Development Concerns and/or Restrictions

The nearest active sand/gravel pit is just under four miles to the southeast. There appears to be sand & gravel potential in the compartment on the uplands. There is no known potential for hydrocarbon production from proven formations, and there are no active State mineral leases in the compartment. 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 throughout the compartment poorer than average due to many surrounding private properties and wet ground. Hubert Road is the main gravel road used for accessing the compartment. View the status of state forest roads open to motorized use within the compartment online using the Michigan DNR interactive roads maps or download printable maps for free.

Survey Needs:

The east line of the west half of Section 17; East Line of SWSE Section 16; N and E line of SENW Section 9.

Recreational Facilities and Opportunities:

This compartment is mostly used for hunting.

Many forest roads are open to recreational motorized and non-motorized use and can be viewed online using the Michigan DNR interactive roads maps or download printable maps for free.

Fire Protection:

Fire response to the compartment will be covered by the Atlanta DNR and Hillman Fire Department.

Additional Compartment Information:

The following reports from the Inventory are attached:

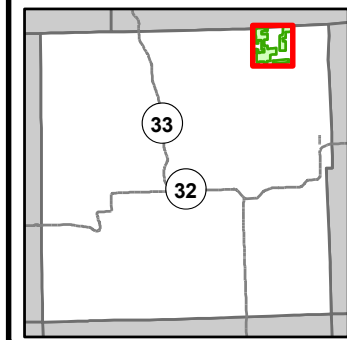
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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

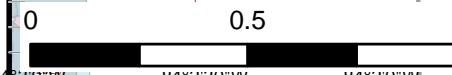
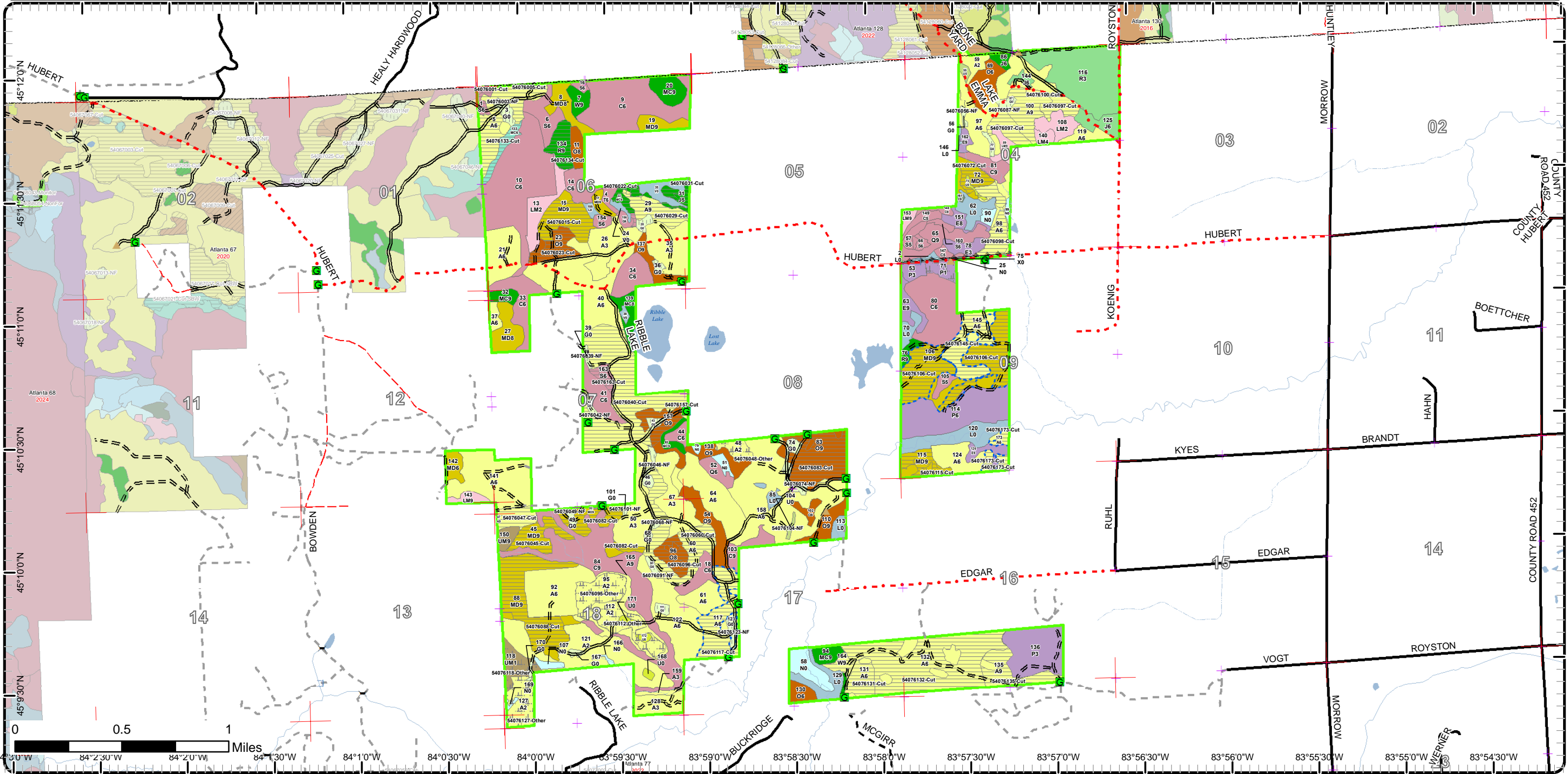
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

Cover Type & Treatments Map

Compartment: 76
 T32N, R04E, Sec. 4, 6-9, 16-18
 T32N, R03E, Sec. 12
 County: Montmorency
 Unit: Atlanta
 Mgmt Area: Thunder Bay
 Outwash
 YOE: 2023
 Acres: 2460.6 GIS Calculated
 Examiner: Darrick Coy
 Map Revised: 10/7/2021
 Map Phase: Post-Review



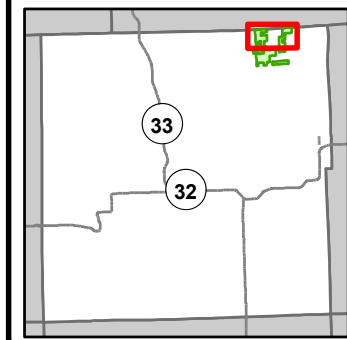
- Miris Corners
- + Remonumented Section Corners
- Counties
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State / County - Paved Road
- Federal / State - Dirt / Gravel Road
- County - Gravel Road
- Private - Dirt / Gravel Road
- Berms
- Gate
- Culvert
- Drain
- Intermittent Stream
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Powerline
- Compartment Boundary
- Treatments with Site Conditions
- Other Treatment - See Comments
- Clearcut (w/Reserves)
- Opening Maintenance
- 412 - Oak Types
- 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
- 122 - Roads/Parking Lot
- 310 - Herbaceous Openland
- 320 - Upland Shrub
- 330 - Low Density Trees
- 622 - Lowland Shrub
- 623 - Emergent Wetland



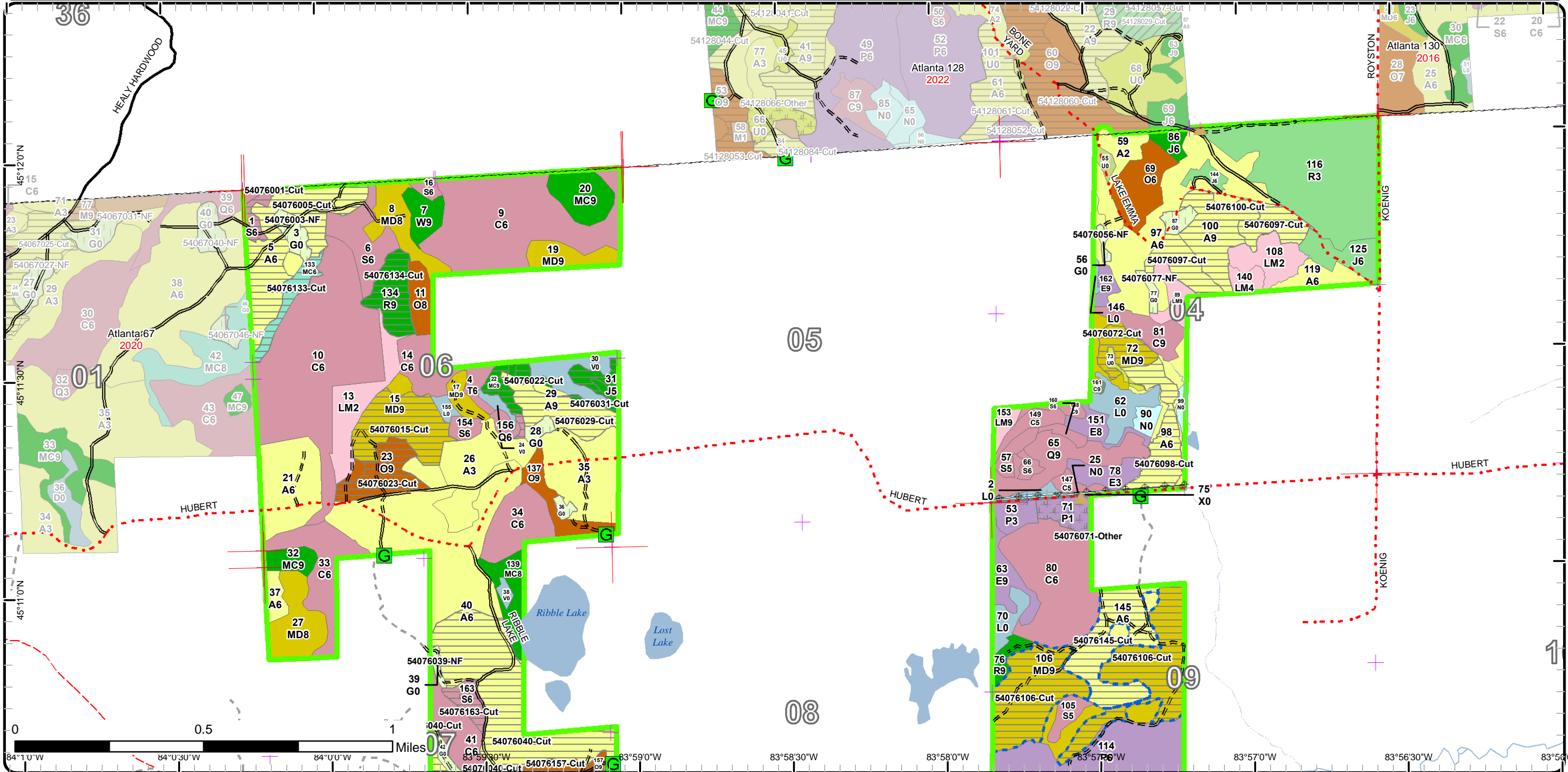
0 0.5 1 Miles
 84°30'W 84°2'30"W 84°2'0"W 84°1'30"W 84°1'0"W 84°0'30"W 84°0'0"W 83°59'30"W 83°59'0"W 83°58'30"W 83°58'0"W 83°57'30"W 83°57'0"W 83°56'30"W 83°56'0"W 83°55'30"W 83°55'0"W 83°54'30"W

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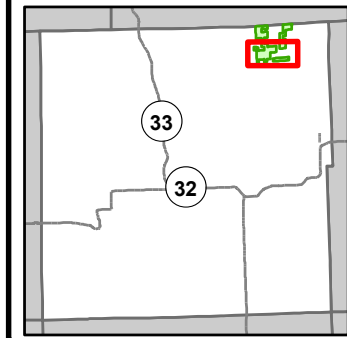


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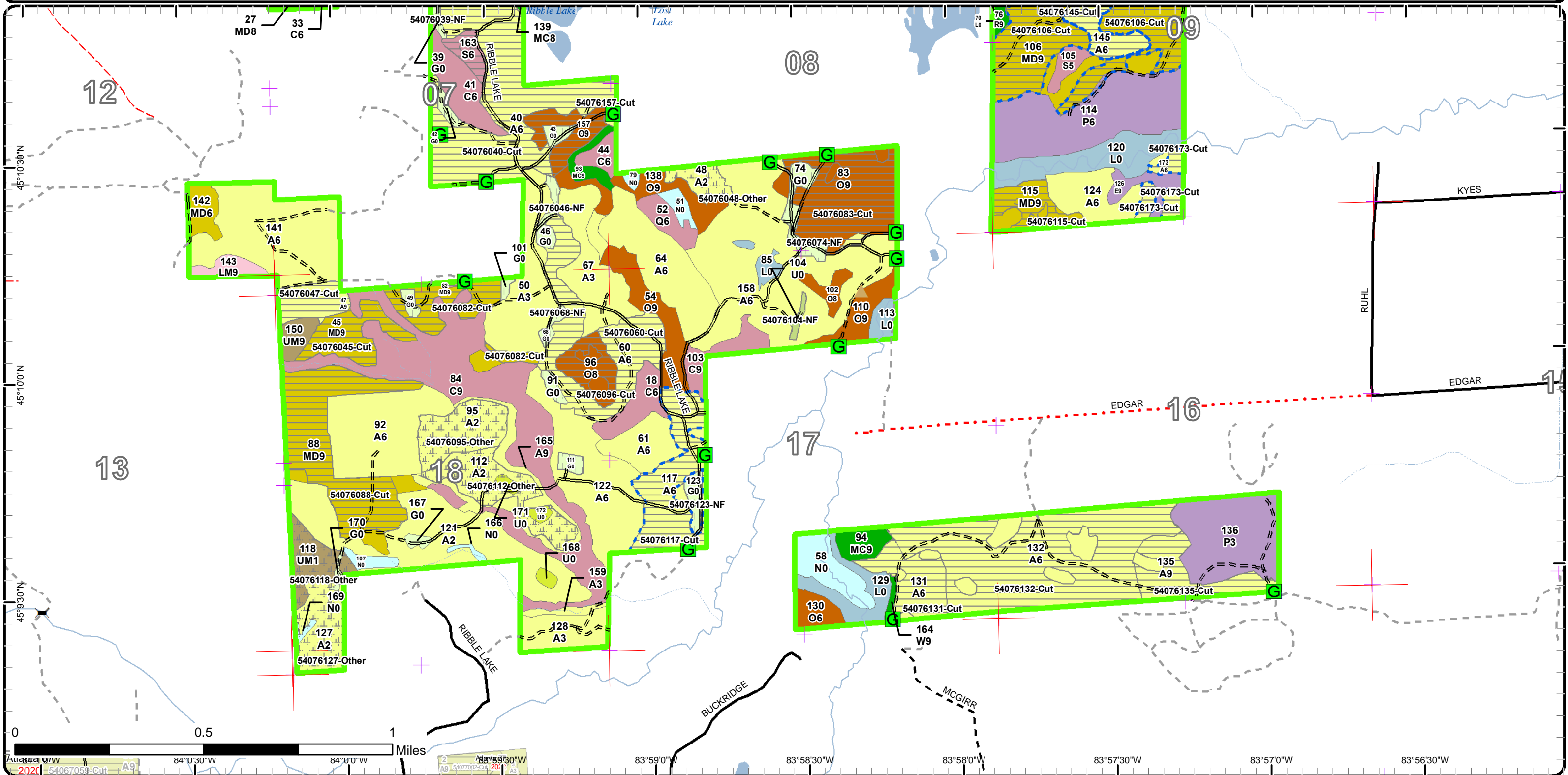


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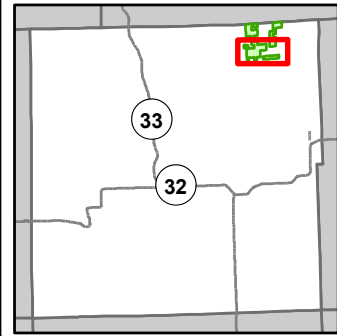


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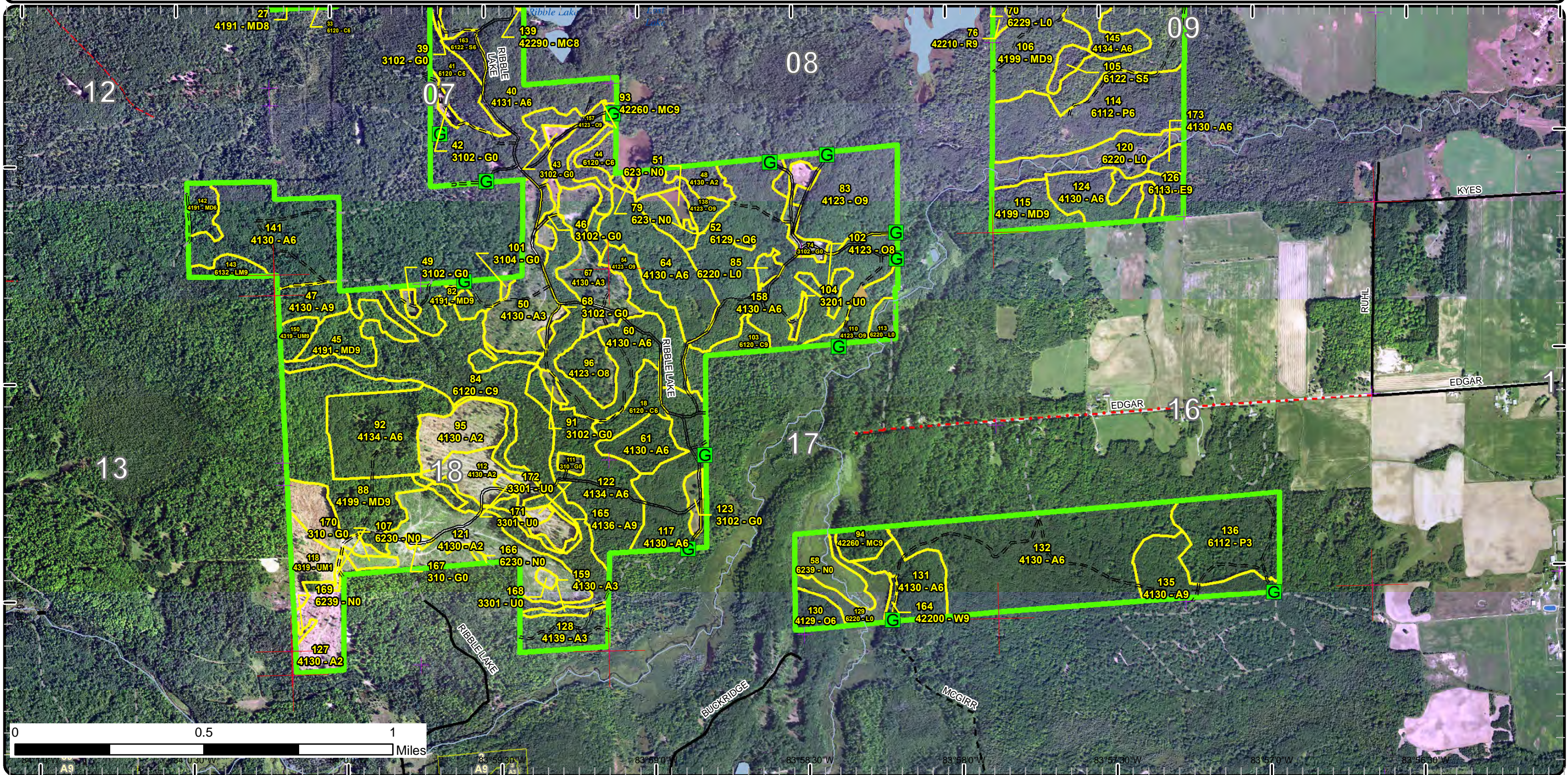


Stand Boundary Map

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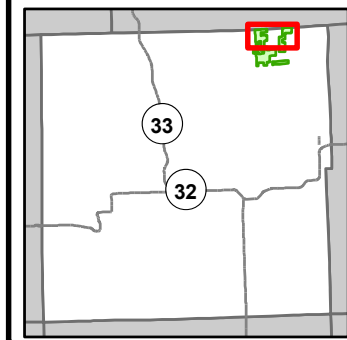


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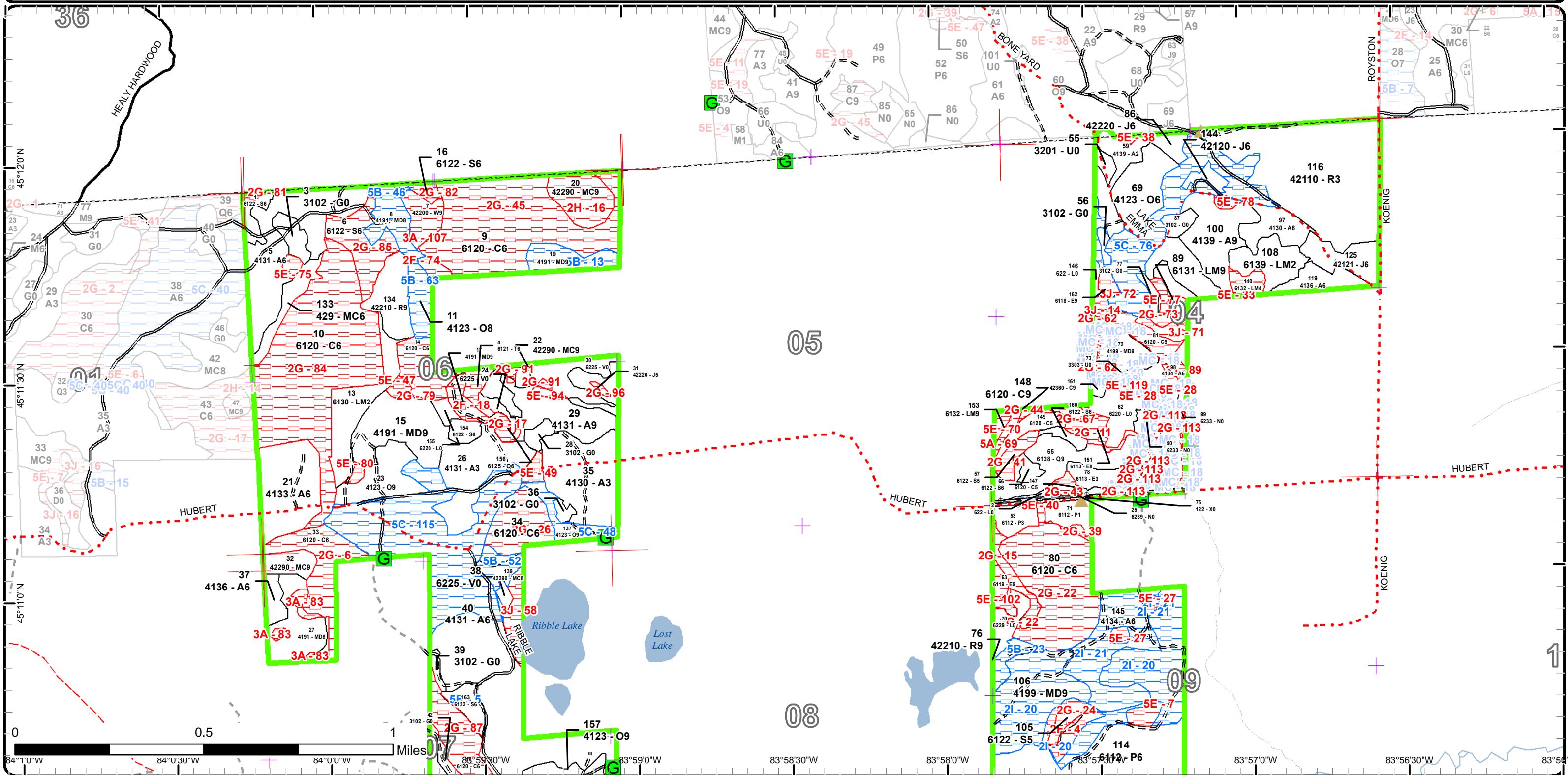


Special Conservation Areas

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 - Compartment Boundary
 - Available w/ Constraints
 - Unavailable
 - Stand Boundaries
- 2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)
 - 3A: Conservation Values incompatible with harvest at this time
 - 3J: Water quality / BMPs (stream, river, or lake)
 - 5A: Not able to obtain desirable regeneration
 - 5B: Maintain for regeneration purposes
 - 5C: Delay treatment for age/size class diversity or exceptional site quality
 - 5E: Long-Term Retention
 - 2F: Too steep
 - 2G: Too wet (sensitive soils, does not include access issues)



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	206	16	53	201	152	341	58	58	23	0	0	0	0	0	0	0	0	1108
Bog	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13
Cedar	0	0	0	0	0	0	0	0	0	0	16	44	199	83	19	0	0	0	361
Herbaceous Openland	45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	45
Jack Pine	0	0	0	0	16	0	0	0	7	0	0	0	0	0	0	0	0	0	23
Low-Density Trees	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Lowland Aspen/Balsam Poplar	0	7	0	42	51	0	0	0	0	0	0	0	0	0	0	0	0	0	100
Lowland Conifers	0	0	0	0	0	0	0	0	22	0	7	0	0	0	0	0	0	0	29
Lowland Deciduous	0	0	0	0	0	7	0	7	0	18	0	0	0	0	0	0	0	0	32
Lowland Mixed Forest	0	11	0	0	16	0	4	0	0	0	0	3	11	0	0	0	0	0	45
Lowland Shrub	60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	60
Lowland Spruce/Fir	0	0	0	0	0	0	0	3	33	4	0	0	0	0	0	0	0	0	40
Marsh	28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28
Mixed Upland Deciduous	0	0	0	0	0	0	0	0	22	123	104	0	0	0	0	0	0	0	249
Natural Mixed Pines	0	0	0	0	0	0	0	0	5	16	0	0	11	12	0	0	0	0	44
Oak	0	0	0	0	0	0	15	0	0	52	93	0	0	0	0	0	0	0	160
Red Pine	0	0	0	0	64	0	0	0	0	0	4	12	0	0	0	0	0	0	80
Tamarack	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	4
Upland Conifers	0	0	0	0	0	0	0	7	0	0	0	0	0	0	0	0	0	0	7
Upland Mixed Forest	0	13	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	17
Upland Shrub	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Urban	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
White Pine	0	0	0	0	0	0	0	0	2	0	0	0	0	7	0	0	0	0	9
Total	156	237	16	95	348	159	360	79	154	236	224	59	221	102	19	0	0	0	2464



Report 2 – Treatment Summary

Atlanta Mgt. Unit

Compartment 76

Year of Entry: 2023

Acres of Harvest

Total Compartment Acres: 2,461

Commercial Harvest - 564
 Harvests with Site Condition - 124
 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	397	0	0	0	0	0	0	0	0	397
Jack Pine	6	0	0	0	0	0	0	0	0	6
Lowland Conifers	1	0	0	0	0	0	0	0	0	1
Lowland Spruce/Fir	8	0	0	0	0	0	0	0	0	8
Mixed Upland Deciduous	179	0	0	0	0	0	0	0	0	179
Natural Mixed Pines	5	0	0	0	0	0	0	0	0	5
Oak	73	0	0	0	0	0	0	0	0	73
Red Pine	12	0	0	0	0	0	0	0	0	12
Upland Conifers	7	0	0	0	0	0	0	0	0	7
Total	688	0	0	0	0	0	0	0	0	688

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	688	0	0	0	0	0	87	39		814
Next Step	0	0	0	0	0	688	0	0		688
Total	688	0	0	0	0	688	87	39		1502



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
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Proposed Treatments:

1	54076001-Cut	3.3	6122 - Black Spruce	Poletimber Well	77	51-80	Harvest	Clearcut with Retention	6128 - Lowland Coniferous, Mixed Deciduous	Even-Aged	No
<p><u>Prescription</u> -clearcut <u>Specs:</u> -no area retention, aside from area that is too wet (already excluded- see site conditions layer) -leave all white pine (if present) not to exceed a cumulative residual BA of 10 -try to incorporate scarification through operations and/or harvesting while ground is not frozen <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> -any combination of spruce, pine, aspen, maple, oak, and fir of medium to high stocking <u>Regen:</u> -also accept low stocking and an aspen or spruce cover type <u>Other</u> <u>Comment:</u> <u>Site Condition</u> <u>Proposed Start Date:</u> 10/1 /2022</p>											
3	54076003-NF	4.5	3102 - Grass	Nonstocked			NonForestMgt	Herbaceous/Crop /Grass Planting	310 - Herbaceous Openland		No
<p><u>Prescription</u> Opening may be maintained on an ongoing rotational basis to produce wildlife forage through burning, mowing, planting, herbicide, or other <u>Specs:</u> agriculture practices. <u>Next Step</u> <u>Treatments:</u> <u>Acceptable</u> <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition</u> <u>Proposed Start Date:</u> 10/1 /2022</p>											
5	54076005-Cut	32.6	4131 - Aspen, Oak	Poletimber Well	57	81-110	Harvest	Clearcut with Retention	4130 - Aspen	Even-Aged	No
<p><u>Prescription</u> -clearcut <u>Specs:</u> -leave all white pine not to exceed a cumulative residual BA of 10 (should not need to mark to leave) -leave 3-10% in retention pocket(s) (already excluded- see site conditions layer) -include grouse specification with timber sale specifications, recommend marking to leave <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> -aspen, pine, maple, oak, and fir of medium to high stocking <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition</u> <u>Proposed Start Date:</u> 10/1 /2022</p>											



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
15 54076015-Cut	22.0	4191 - Mixed Upland Deciduous with Conifer	Sawtimber Well	83	51-80	Harvest	Clearcut with Retention	4136 - Aspen, Mixed Conifer	Even-Aged	No
<p><u>Prescription</u> -clearcut <u>Specs:</u> -leave all white pine not to exceed a cumulative residual BA of 10 (should not need to mark to leave) -leave 3-10% in retention pocket(s) (already excluded- see site conditions layer) -protect at least 50% of advanced pine in sale specs</p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u></p> <p><u>Acceptable Regen:</u> -any combination of aspen, pine, maple, oak, and fir of medium to high stocking -also accept alternative cover type of mixed deciduous w conifer</p> <p><u>Other Comment:</u></p> <p><u>Site Condition</u> Proposed Start Date: 10/1 /2022</p>										
22 54076022-Cut	5.2	42290 - Natural Mixed Pine	Sawtimber Well	86	81-110	Harvest	Clearcut	4319 - Mixed Upland Forest	Even-Aged	No
<p><u>Prescription</u> -clearcut <u>Specs:</u> -leave all white pine (should not need to mark to leave) not to exceed a cumulative residual BA of 10 -leave areas that are too wet out of treatment (already excluded- see site conditions layer) -area retention not necessary due to small stand size and areas that are too wet -encourage scarification in sale specs to increase regeneration of conifers -protect at least 50% of advanced pine in sale specs</p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u></p> <p><u>Acceptable Regen:</u> -any combination of spruce, pine, maple, aspen, oak, and fir of medium to high stocking -also accept a low stocking due to small stand size and wet ground -also accept an aspen, conifer or mixed deciduous cover type, if needed</p> <p><u>Other Comment:</u></p> <p><u>Site Condition</u> Proposed Start Date: 10/1 /2022</p>										
23 54076023-Cut	13.5	4123 - Red Oak	Sawtimber Well	83	81-110	Harvest	Clearcut with Retention	4191 - Mixed Upland Deciduous with Conifer	Even-Aged	No
<p><u>Prescription</u> -clearcut <u>Specs:</u> -leave all white pine not to exceed a cumulative residual BA of 10 (should not need to mark to leave) -leave 3-10% in retention pocket(s) (already excluded- see site conditions layer) -protect at least 50% of advanced pine in sale specs</p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u></p> <p><u>Acceptable Regen:</u> -any combination of maple, oak, pine, aspen, and fir of medium to high stocking</p> <p><u>Other Comment:</u></p> <p><u>Site Condition</u> Proposed Start Date: 10/1 /2022</p>										



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
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28 54076028-NF 2.4 3102 - Grass Nonstocked NonForestMgt Herbaceous/Crop /Grass Planting 310 - Herbaceous Openland No

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

Specs:

Next Step
Treatments:

Acceptable
Regen:

Other
Comment:

Site Condition
Proposed Start Date: 10/1 /2022

29 54076029-Cut 14.5 4131 - Aspen, Oak Sawtimber 64 81-110 Harvest Clearcut with Retention 4136 - Aspen, Mixed Conifer Even-Aged No

Prescription -clearcut-leave all white pine (should not need to mark to leave) not to exceed a cumulative residual BA of 10-leave 3-10% in area

Specs: retention (already excluded- see site conditions layer)-

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable -any combination of aspen, spruce, pine, maple, oak, and fir of medium to high stocking

Regen:

Other
Comment:

Site Condition
Proposed Start Date: 10/1 /2022

31 54076031-Cut 6.1 42220 - Natural Jack Pine Poletimber 78 51-80 Harvest Clearcut with Retention 42221 - Natural Jack Pine, Mixed Deciduous Even-Aged No

Prescription -clearcut

Specs:

- leave all white pine (should not need to mark to leave) not to exceed a cumulative residual BA of 10
- leave areas that are too wet out of treatment (already excluded- see site conditions layer)
- area retention not necessary due to small stand size and areas that are too wet
- encourage scarification in sale specs to increase regeneration of conifers

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable -any combination of aspen, spruce, pine, maple, oak, and fir of medium to high stocking

Regen:

- accept a low stocking due to small stand size and wet ground, if needed

Other
Comment:

Site Condition
Proposed Start Date: 10/1 /2022



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
36 54076036-NF	1.4	3102 - Grass	Nonstocked		Unspec ified	NonForestMgt	Herbaceous/Crop /Grass Planting	310 - Herbaceous Openland		No
<p><u>Prescription</u> Opening may be maintained on an ongoing rotational basis to produce wildlife forage through burning, mowing, planting, herbicide, or other agriculture practices.</p> <p><u>Specs:</u></p> <p><u>Next Step</u></p> <p><u>Treatments:</u></p> <p><u>Acceptable</u></p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2022</p>										
39 54076039-NF	1.4	3102 - Grass	Nonstocked		Unspec ified	NonForestMgt	Herbaceous/Crop /Grass Planting	310 - Herbaceous Openland		No
<p><u>Prescription</u> Opening may be maintained on an ongoing rotational basis to produce wildlife forage through burning, mowing, planting, herbicide, or other agriculture practices.</p> <p><u>Specs:</u></p> <p>Follow standards for including a buffer along stands with sensitive soils.</p> <p><u>Next Step</u></p> <p><u>Treatments:</u></p> <p><u>Acceptable</u></p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2022</p>										
40 54076040-Cut	82.8	4131 - Aspen, Oak	Poletimber Well	51	81-110	Harvest	Clearcut with Retention	4130 - Aspen	Even-Aged	No
<p><u>Prescription</u> -clearcut</p> <p><u>Specs:</u></p> <ul style="list-style-type: none"> -leave all white pine (should not need to mark to leave) not to exceed a cumulative residual BA of 10 -leave 3-10% in area retention (already excluded- see site conditions layer) -include grouse specification with timber sale specifications, recommend marking to leave <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> -any combination of aspen, spruce, pine, maple, oak, and fir of medium to high stocking</p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2022</p>										



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
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42	54076042-NF	1.9	3102 - Grass	Nonstocked		NonForestMgt	Herbaceous/Crop /Grass Planting	310 - Herbaceous Openland		No
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Prescription Specs: Opening may be maintained on an ongoing rotational basis to produce wildlife forage through burning, mowing, planting, herbicide, or other agriculture practices.

Follow standards for including a buffer along stands with sensitive soils.

Next Step Treatments:

Acceptable Regen:

Other Comment:

Site Condition

Proposed Start Date: 10/1 /2022

43	54076043-NF	2.0	3102 - Grass	Nonstocked		NonForestMgt	Herbaceous/Crop /Grass Planting	310 - Herbaceous Openland		No
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Prescription Specs: Opening may be maintained on an ongoing rotational basis to produce wildlife forage through burning, mowing, planting, herbicide, or other agriculture practices.

Next Step Treatments:

Acceptable Regen:

Other Comment:

Site Condition

Proposed Start Date: 10/1 /2022

45	54076045-Cut	15.6	4191 - Mixed Upland Deciduous with Conifer	Sawtimber Well	83	81-110	Harvest	Clearcut with Retention	4191 - Mixed Upland Deciduous with Conifer	Even-Aged	No
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Prescription Specs: -clearcut
-leave all hemlock and white pine not to exceed a cumulative residual BA of 10 (should not need to mark to leave)
-2 acre area to sw corner of treatment may be too wet, use part of it for area 3-10% area retention

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

Acceptable Regen: -any combination of aspen, pine, maple, oak, and fir of medium to high stocking

-an aspen cover type is also acceptable

Other Comment: -majority of the treatment boundary was walked/GPS'd during inventory

-skid trail corduroy or mat crossing through narrow cedar drainages to south or east is required
-some locations may require 2 stacked layers and increased width depending on conditions and time of harvest
-consider using stands 88, 49, and 92 for landing locations

Site Condition

Proposed Start Date: 10/1 /2022

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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
46 54076046-NF	3.5	3102 - Grass	Nonstocked		Unspec ified	NonForestMgt	Herbaceous/Crop /Grass Planting	310 - Herbaceous Openland		No
<p><u>Prescription</u> Opening may be maintained on an ongoing rotational basis to produce wildlife forage through burning, mowing, planting, herbicide, or other agriculture practices.</p> <p><u>Specs:</u></p> <p><u>Next Step</u></p> <p><u>Treatments:</u></p> <p><u>Acceptable</u></p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2022</p>										
47 54076047-Cut	10.4	4130 - Aspen	Sawtimber Well	83	81-110	Harvest	Clearcut with Retention	4130 - Aspen	Even-Aged	No
<p><u>Prescription</u> -clearcut</p> <p><u>Specs:</u></p> <ul style="list-style-type: none"> -leave all hemlock (if present) and white pine not to exceed a cumulative residual BA of 10 -no area retention due to small stand size -include grouse specification with timber sale specifications, recommend marking to leave <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> -any combination of aspen, pine, maple, oak, and fir of medium to high stocking</p> <p><u>Regen:</u></p> <p><u>Other</u> -crane mat or corduroy crossing through small section of cedar stand to east needed</p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2022</p>										
48 54076048- Other	6.9	4130 - Aspen	Sapling Medium	4	1-50	Other	Other	4116 - Mixed N. Hardwood - Aspen	Even-Aged	No
<p><u>Prescription</u> -Variance to approve at YOE 2023 compartment review</p> <p><u>Specs:</u></p> <ul style="list-style-type: none"> -Treatment cover type objective of Mixed N. Hardwood- Aspen was not achieved -Accept current regeneration of primarily aspen and an aspen cover type <p><u>Next Step</u></p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Acceptable regeneration is any combination of aspen, oak, jack pine, red pine, or white pine resulting in a medium or well stocked stand.</p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2022</p>										

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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
49 54076049-NF	1.6	3102 - Grass	Nonstocked			NonForestMgt	Herbaceous/Crop /Grass Planting	310 - Herbaceous Openland		No
<p><u>Prescription</u> Opening may be maintained on an ongoing rotational basis to produce wildlife forage through burning, mowing, planting, herbicide, or other agriculture practices.</p> <p><u>Specs:</u></p> <p><u>Next Step</u></p> <p><u>Treatments:</u></p> <p><u>Acceptable</u></p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2022</p>										
56 54076056-NF	1.2	3102 - Grass	Nonstocked			NonForestMgt	Herbaceous/Crop /Grass Planting	310 - Herbaceous Openland		No
<p><u>Prescription</u> Opening may be maintained on an ongoing rotational basis to produce wildlife forage through burning, mowing, planting, herbicide, or other agriculture practices.</p> <p><u>Specs:</u></p> <p><u>Next Step</u></p> <p><u>Treatments:</u></p> <p><u>Acceptable</u></p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2022</p>										
60 54076060-Cut	36.8	4130 - Aspen	Poletimber Well	50	51-80	Harvest	Clearcut with Retention	4130 - Aspen	Even-Aged	No
<p><u>Prescription</u> -clearcut</p> <p><u>Specs:</u></p> <ul style="list-style-type: none"> -leave all white pine (should not need to mark to leave) not to exceed a cumulative residual BA of 10 -leave 3-10% in area retention (already excluded- see site conditions layer) -include grouse specification with timber sale specifications, recommend marking to leave <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> -any combination of aspen, spruce, pine, maple, oak, and fir of medium to high stocking</p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2022</p>										



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
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68	54076068-NF	1.8	3102 - Grass	Nonstocked	Unspec ified	NonForestMgt	Herbaceous/Crop /Grass Planting	310 - Herbaceous Openland		No
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Prescription Opening may be maintained on an ongoing rotational basis to produce wildlife forage through burning, mowing, planting, herbicide, or other agriculture practices.

Next Step
Treatments:

Acceptable
Regen:

Other
Comment:

Site Condition

Proposed Start Date: 10/1 /2022

71	54076071- Other	6.9	6112 - Lowland Aspen	Sapling Poor	4	1-50	Other	Other	6117 - Lowland Deciduous, Mixed Coniferous	Even-Aged	No
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Prescription -variance to be approved at compartment review YOE 2023
Specs: -stand has regenerated to poorly to moderately stocked aspen with red maple and other lowland conifers
-does not meet stocking requirements based on over half of the stand being lost to cattails/wetland
-accept current cover type of low density aspen

Next Step
Treatments:

Acceptable Acceptable regeneration is any combination of aspen, red maple or balsam fir resulting in a medium or well stocked stand
Regen:

Other
Comment:

Site Condition

Proposed Start Date: 10/1 /2022

74	54076074-NF	7.5	3102 - Grass	Nonstocked	Unspec ified	NonForestMgt	Herbaceous/Crop /Grass Planting	310 - Herbaceous Openland		No
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Prescription Opening may be maintained on an ongoing rotational basis to produce wildlife forage through burning, mowing, planting, herbicide, or other agriculture practices.

Next Step
Treatments:

Acceptable
Regen:

Other
Comment:

Site Condition

Proposed Start Date: 10/1 /2022

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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
77 54076077-NF	1.7	3102 - Grass	Nonstocked		Unspec ified	NonForestMgt	Herbaceous/Crop /Grass Planting	310 - Herbaceous Openland		No
<p><u>Prescription</u> Opening may be maintained on an ongoing rotational basis to produce wildlife forage through burning, mowing, planting, herbicide, or other agriculture practices.</p> <p><u>Specs:</u></p> <p><u>Next Step</u></p> <p><u>Treatments:</u></p> <p><u>Acceptable</u></p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2022</p>										
82 54076082-Cut	16.9	4191 - Mixed Upland Deciduous with Conifer	Sawtimber Well	93	81-110	Harvest	Clearcut with Retention	4191 - Mixed Upland Deciduous with Conifer	Even-Aged	No
<p><u>Prescription</u> -clearcut</p> <p><u>Specs:</u> -leave all hemlock and white pine not to exceed a cumulative residual BA of 10 -area retention already excluded, see site conditions layer</p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> -any combination of aspen, pine, maple, oak, and fir of medium to high stocking</p> <p><u>Regen:</u> -an aspen cover type is also acceptable</p> <p><u>Other</u> -skid trail corduroy or mat crossing through narrow cedar drainage is required</p> <p><u>Comment:</u> -consider using stands 49 and 101 for landing locations</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2022</p>										
83 54076083-Cut	38.2	4123 - Red Oak	Sawtimber Well	95	81-110	Harvest	Clearcut with Retention	4199 - Other Mixed Upland Deciduous	Even-Aged	No
<p><u>Prescription</u> -clearcut</p> <p><u>Specs:</u> -leave all hemlock and white pine not to exceed a cumulative residual BA of 10 (should not need to mark to leave) -leave 3-10% in retention pocket(s) (already excluded) -place tops on cut oak stumps to inhibit regeneration browsing</p> <p><u>Next Step</u> Monitoring, Natural Regen (Intermediate)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> -any combination of aspen, pine, maple, oak, and fir of medium to high stocking</p> <p><u>Regen:</u> -an aspen cover type is also acceptable</p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2022</p>										

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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
87 54076087-NF	2.9	3102 - Grass	Nonstocked			NonForestMgt	Herbaceous/Crop /Grass Planting	310 - Herbaceous Openland		No
<p><u>Prescription</u> Opening may be maintained on an ongoing rotational basis to produce wildlife forage through burning, mowing, planting, herbicide, or other agriculture practices.</p> <p><u>Specs:</u></p> <p><u>Next Step</u></p> <p><u>Treatments:</u></p> <p><u>Acceptable</u></p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2022</p>										
88 54076088-Cut	45.4	4199 - Other Mixed Upland Deciduous	Sawtimber Well	93	81-110	Harvest	Clearcut with Retention	4139 - Aspen, Mixed Deciduous	Even-Aged	No
<p><u>Prescription</u> -clearcut</p> <p><u>Specs:</u></p> <ul style="list-style-type: none"> -leave all white pine and hemlock (if present) not to exceed a cumulative residual BA of 10 -leave 3-10% in area retention (already excluded, see site conditions layer) -do not cut other adjacent area retention that is now part of stand 88 (see site conditions layer) <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> -aspen, pine, maple, oak, and fir of medium to high stocking</p> <p><u>Regen:</u></p> <ul style="list-style-type: none"> -other mixed deciduous cover type objective is also acceptable <p><u>Other</u></p> <p><u>Comment:</u> -majority of the treatment boundary was walked/GPS'd during inventory</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2022</p>										
91 54076091-NF	1.8	3102 - Grass	Nonstocked		Unspec ified	NonForestMgt	Herbaceous/Crop /Grass Planting	310 - Herbaceous Openland		No
<p><u>Prescription</u> Opening may be maintained on an ongoing rotational basis to produce wildlife forage through burning, mowing, planting, herbicide, or other agriculture practices.</p> <p><u>Specs:</u></p> <p><u>Next Step</u></p> <p><u>Treatments:</u></p> <p><u>Acceptable</u></p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2022</p>										



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
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95	54076095-Other	18.6	4130 - Aspen	Sapling Medium	4	1-50	Other	Other	4113 - R.Maple, Conifer	Even-Aged	No
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Prescription -cut area is now dominated by aspen with pockets of interior wetland in lower ground

Specs:
-accept Aspen cover type during YOE 2023 compartment review

Next Step
Treatments:

Acceptable -any combination of aspen, oak, jack pine, red pine, or white pine resulting in a medium or well stocked stand.
Regen:

Other
Comment:

Site Condition

Proposed Start Date: 10/1 /2022

96	54076096-Cut	9.8	4123 - Red Oak	Sawtimber Medium	92	51-80	Harvest	Clearcut with Retention	4199 - Other Mixed Upland Deciduous	Even-Aged	No
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Prescription -clearcut
Specs:
-leave 15-25% in retention pocket(s) (already excluded)
-leaving more retention due a higher presence of mast oak and less established population of advanced regeneration

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

Acceptable -any combination of aspen, maple, oak, pine, and fir of low to high stocking
Regen:
-accept an aspen cover type, if needed

Other
Comment:

Site Condition

Proposed Start Date: 10/1 /2022

97	54076097-Cut	18.3	4130 - Aspen	Poletimber Well	50	51-80	Harvest	Clearcut with Retention	4130 - Aspen	Even-Aged	No
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Prescription -clearcut
Specs:
-leave all white pine not to exceed a cumulative residual BA of 10 (should not need to mark to leave)
-leave 3-10% in retention pocket(s) (already excluded- see site conditions layer)
-include grouse specification with timber sale specifications, recommend marking to leave

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

Acceptable -aspen, pine, maple, oak, and fir of medium to high stocking
Regen:

Other
Comment:

Site Condition

Proposed Start Date: 10/1 /2022



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
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100	54076100-Cut	18.3	4139 - Aspen, Mixed Deciduous	Sawtimber Well	74	81-110	Harvest	Clearcut with Retention	4130 - Aspen	Even-Aged	No
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Prescription -clearcut
Specs: -leave all white pine (if present) not to exceed a cumulative residual BA of 10
 -leave 3-10% in retention pocket(s) (already excluded- see site conditions layer)
 -include grouse specification with timber sale specifications, recommend marking to leave

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable -aspen, pine, maple, oak, and fir of medium to high stocking

Regen:

Other

Comment:

Site Condition

Proposed Start Date: 10/1 /2022

101	54076101-NF	0.9	3104 - Degraded	Nonstocked	0	Immature	NonForestMgt	Herbaceous/Crop /Grass Planting	310 - Herbaceous Openland		No
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Prescription Opening may be maintained on an ongoing rotational basis to produce wildlife forage through burning, mowing, planting, herbicide, or other agriculture practices.

Next Step
Treatments:

Acceptable
Regen:

Other

Comment:

Site Condition

Proposed Start Date: 10/1 /2022

104	54076104-NF	1.4	3201 - Sweet Fern	Nonstocked		Unspecified	NonForestMgt	Herbaceous/Crop /Grass Planting	310 - Herbaceous Openland		No
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Prescription Opening may be maintained on an ongoing rotational basis to produce wildlife forage through burning, mowing, planting, herbicide, or other agriculture practices.

Next Step
Treatments:

Acceptable
Regen:

Other

Comment:

Site Condition

Proposed Start Date: 10/1 /2022



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
106 54076106-Cut	60.2	4199 - Other Mixed Upland Deciduous	Sawtimber Well	86	81-110	Harvest	Clearcut with Retention	4139 - Aspen, Mixed Deciduous	Even-Aged	No
<p><u>Prescription</u> -clearcut</p> <p><u>Specs:</u> -leave all red pine and/or white pine not to exceed 10 BA (should not need to mark to leave) -leave 3-10% in area retention, already excluded for areas of steep terrain</p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u> -any combination of aspen, pine, maple, oak, and fir of medium to high stocking -other deciduous cover type is also acceptable</p> <p><u>Other Comment:</u> -see draft treatment notes for private landowner contact other specific information -survey corners needed for north and east cut lines in SENW of section 9</p> <p><u>Site Condition</u> Survey Needed</p> <p><u>Proposed Start Date:</u> 10/1 /2022</p>										
111 54076111-NF	2.0	310 - Herbaceous Openland	Nonstocked		Unspec ified	NonForestMgt	Herbaceous/Crop /Grass Planting	310 - Herbaceous Openland		No
<p><u>Prescription</u> Opening may be maintained on an ongoing rotational basis to produce wildlife forage through burning, mowing, planting, herbicide, or other</p> <p><u>Specs:</u> agriculture practices.</p> <p><u>Next Step</u></p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u></p> <p><u>Other Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2022</p>										
112 54076112-Other	23.3	4130 - Aspen	Sapling Medium	5	1-50	Other	Other	413 - Aspen	Even-Aged	No
<p><u>Prescription</u> -cut area is now dominated by aspen with pockets of interior wetland in lower ground</p> <p><u>Specs:</u> -accept Aspen cover type during YOE 2023 compartment review</p> <p><u>Next Step</u></p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u> -any combination of aspen, balsam fir or red maple resulting in a medium or well stocked stand.</p> <p><u>Other Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2022</p>										



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
115 54076115-Cut	11.1	4199 - Other Mixed Upland Deciduous	Sawtimber Well	93	81-110	Harvest	Clearcut with Retention	4139 - Aspen, Mixed Deciduous	Even-Aged	No
<p><u>Prescription</u> -clearcut <u>Specs:</u> -leave 100ft retention around shallower vernal ponds and stream to north (already excluded- see site conditions layer) <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> -aspen, maple, fir, spruce, pine, and oak of medium to high stocking <u>Regen:</u> <u>Other</u> -see draft treatment notes for private landowner contact other specific information <u>Comment:</u> -survey needed along east line <u>Site Condition</u> <u>Proposed Start Date:</u> 10/1 /2022</p>										
117 54076117-Cut	31.5	4130 - Aspen	Poletimber Well	64	81-110	Harvest	Clearcut with Retention	4130 - Aspen	Even-Aged	No
<p><u>Prescription</u> -clearcut <u>Specs:</u> -leave all white pine (should not need to mark to leave) not to exceed a cumulative residual BA of 10 -leave 3-10% in area retention (already excluded- see site conditions layer) -include grouse specification with timber sale specifications, recommend marking to leave <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> -any combination of aspen, spruce, pine, maple, oak, and fir of medium to high stocking <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition</u> Survey Needed <u>Proposed Start Date:</u> 10/1 /2022</p>										
118 54076118-Other	13.1	4319 - Mixed Upland Forest	Sapling Poor	5	1-50	Other	Other	4113 - R.Maple, Conifer	Even-Aged	No
<p><u>Prescription</u> -poorly to mod 25-30% stocking of conifers and deciduous <u>Specs:</u> -accept a poor stocked Mixed Upland Forest cover type during YOE 2023 compartment review -the leave-tree white pine and oak left should fill in the area over time to bring stocking up -approximately 8 acres of the treated area does not meet stocking requirements <u>Next Step</u> <u>Treatments:</u> <u>Acceptable</u> -any combination of aspen, balsam fir or red maple resulting in a medium or well stocked stand <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition</u> <u>Proposed Start Date:</u> 10/1 /2022</p>										



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
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123	54076123-NF	3.8	3102 - Grass	Nonstocked	Unspecified	NonForestMgt	Herbaceous/Crop /Grass Planting	310 - Herbaceous Openland		No
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Prescription Opening may be maintained on an ongoing rotational basis to produce wildlife forage through burning, mowing, planting, herbicide, or other agriculture practices.

Specs:

Next Step
Treatments:

Acceptable
Regen:

Other
Comment:

Site Condition

Proposed Start Date: 10/1 /2022

127	54076127-Other	18.3	4130 - Aspen	Sapling Medium	5 Immatu re	Other	Other	4113 - R.Maple, Conifer	Even-Aged	No
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Prescription -cut area is now dominated by aspen with pockets of interior wetland in lower ground

Specs: -accept Aspen cover type during YOE 2023 compartment review

Next Step
Treatments:

Acceptable -any combination of aspen, balsam fir or red maple resulting in a medium or well stocked stand.

Regen:

Other
Comment:

Site Condition

Proposed Start Date: 10/1 /2022

131	54076131-Cut	16.4	4130 - Aspen	Poletimber Well	77 81-110	Harvest	Clearcut with Retention	4130 - Aspen	Even-Aged	No
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Prescription -clearcut -leave all white pine and/or red pine not to exceed a cumulative residual BA of 10-leave 3-10% in retention pocket(s) (already excluded- see site conditions layer)-include grouse specification with timber sale specs-ensure private landowner lot survey corners are protected and identified during sale prep

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable -aspen, pine, maple, oak, and fir of medium to high stocking

Regen:

Other -see draft treatment notes for private landowner contact other specific information-survey needed for east line of section 16, SWSE

Comment:

Site Condition

Proposed Start Date: 10/1 /2022



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
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132	54076132-Cut	86.5	4130 - Aspen	Poletimber Well	49	81-110	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
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Prescription -clearcut (partial stand harvest)-leave all white pine and/or red pine not to exceed a cumulative residual BA of 10-leave 3-10% in retention pocket(s) (already excluded- see site conditions layer)-maintain irregular boundary edge on east treatment portion-include grouse specification with timber sale specifications, recommend marking to leave-ensure private landowner lot survey corners are protected and identified during sale prep

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Regen: -aspen, pine, maple, oak, and fir of medium to high stocking

Other Comment: -see draft treatment notes for private landowner contact other specific information-survey needed for east line of section 16, SWSE

Site Condition

Proposed Start Date: 10/1 /2022

133	54076133-Cut	6.6	429 - Mixed Upland Conifers	Poletimber Well	67	51-80	Harvest	Clearcut with Retention	4319 - Mixed Upland Forest	Even-Aged	No
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Prescription -clearcut
Specs: -leave all white pine not to exceed a cumulative residual BA of 10 (should not need to mark to leave)
 -no area retention to maximize regeneration acreage

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Regen: -any combination of pine, spruce, aspen, maple, oak, and fir of medium to high stocking

-due to small treatment size and significant adjacent treatment edge effects, a deciduous or conifer cover type is also acceptable

Other Comment:

Site Condition

Proposed Start Date: 10/1 /2022

134	54076134-Cut	12.1	42210 - Natural Red Pine	Sawtimber Well	103	141-170	Harvest	Clearcut with Retention	429 - Mixed Upland Conifers	Even-Aged	No
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Prescription -clearcut
Specs:
 -leave 3-10% in area retention pocket(s) along boundary edge where large white pine exist (middle to west and south end)
 -additional retention for regeneration purposes of advanced pine within the interior of the treatment may also be excluded where present (north 1/2)
 -do not cut hemlock, only a trace present to the northeast

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Regen: -any combination of pine, maple, oak, spruce, fir, and aspen of low to high stocking

-a deciduous objective is also acceptable
 -a non-forested opening objective of low density trees is also acceptable to serve other wildlife values

Other Comment: -landing or trucking establishment within treatment not possible

-shortwood and poles will need to be hauled to opening to the north or west

Site Condition

Proposed Start Date: 10/1 /2022



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
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135 54076135-Cut	18.9	4130 - Aspen	Sawtimber Well	78	81-110	Harvest	Clearcut with Retention	4130 - Aspen	Even-Aged	No
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Prescription -clearcut -leave all white pine and/or red pine not to exceed a cumulative residual BA of 10-leave 3-10% in retention pocket(s) (already excluded- see site conditions layer)-include grouse specification with timber sale specifications, recommend marking to leave-ensure private landowner lot survey corners are protected and identified during sale prep

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Regen: -aspen, pine, maple, oak, and fir of medium to high stocking

Other Comment: -see draft treatment notes for private landowner contact other specific information-survey needed for east line of section 16, SWSE

Site Condition

Proposed Start Date: 10/1 /2022

145 54076145-Cut	25.2	4134 - Aspen, Spruce/Fir	Poletimber Well	55	81-110	Harvest	Clearcut with Retention	4130 - Aspen	Even-Aged	No
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Prescription -clearcut
Specs: -leave all red pine (if present) and/or white pine (if present) not to exceed 10 BA
 -leave standard area retention (already excluded, see site conditions layer)
 -include grouse specification with timber sale specifications, recommend marking to leave

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Regen: -any combination of aspen, pine, maple, oak, and fir of medium to high stocking

Other Comment: -see draft treatment notes for private landowner contact other specific information
 -survey corners needed for north and east cut lines in SENW of section 9

Site Condition Survey Needed

Proposed Start Date: 10/1 /2022

156 54076156-Cut	0.7	6125 - Lowland Black Spruce, Jack Pine	Poletimber Well	73	81-110	Harvest	Clearcut	6128 - Lowland Coniferous, Mixed Deciduous	Even-Aged	No
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Prescription -clearcut (partial stand harvest)
Specs: -leave all white pine (if present, hardly any on east side of stand) not to exceed a cumulative residual BA of 10
 -leave areas that are too wet out of treatment (already excluded- see site conditions layer)
 -area retention not necessary due to small stand size and areas that are too wet
 -encourage scarification in sale specs to increase regeneration of conifers

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Regen: -any combination of spruce, pine, maple, aspen, oak, and fir of low to high stocking

Regen: -also accept a spruce cover type objective

Other Comment:

Site Condition

Proposed Start Date: 10/1 /2022



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
157 54076157-Cut	11.3	4123 - Red Oak	Sawtimber Well	88	81-110	Harvest	Clearcut with Retention	4191 - Mixed Upland Deciduous with Conifer	Even-Aged	No
<p><u>Prescription</u> -clearcut <u>Specs:</u> -leave all white pine (should not need to mark to leave) not to exceed a cumulative residual BA of 10 -leave 3-10% in area retention (already excluded in area that is too steep- see site conditions layer)</p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u></p> <p><u>Acceptable Regen:</u> -any combination of aspen, spruce, pine, maple, oak, and fir of medium to high stocking -an aspen cover type objective is also acceptable</p> <p><u>Other Comment:</u></p> <p><u>Site Condition</u> Proposed Start Date: 10/1 /2022</p>										
163 54076163-Cut	4.6	6122 - Black Spruce	Poletimber Well	78	51-80	Harvest	Clearcut	6128 - Lowland Coniferous, Mixed Deciduous	Even-Aged	No
<p><u>Prescription</u> -clearcut <u>Specs:</u> -leave interior pocket out of treatment to help regenerate site -leave areas that are too wet out of treatment (already excluded- see site conditions layer) -encourage scarification in sale specs to increase regeneration of conifers</p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u></p> <p><u>Acceptable Regen:</u> -any combination of spruce, pine, maple, aspen, oak, and fir of medium to high stocking -accept a low stocking due to small stand size and wet ground, if needed -also accept a spruce cover type objective</p> <p><u>Other Comment:</u></p> <p><u>Site Condition</u> Proposed Start Date: 10/1 /2022</p>										
173 54076173-Cut	7.6	4130 - Aspen	Poletimber Well	65	81-110	Harvest	Clearcut	4130 - Aspen	Even-Aged	No
<p><u>Prescription</u> -clearcut <u>Specs:</u> -no retention due to small stand size, except for areas along streams and where it is too wet -include the north segment across from swamp maple, will need to corduroy small stretch to get across -include grouse specification with timber sale specifications, recommend marking to leave -allow significant changes in treatment acreage due to questionable access through stand 126</p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u></p> <p><u>Acceptable Regen:</u> -aspen, maple, fir, spruce, pine, and oak of medium to high stocking</p> <p><u>Other Comment:</u> -see draft treatment notes for private landowner contact other specific information</p> <p><u>Site Condition</u> Survey Needed Proposed Start Date: 10/1 /2022</p>										

Approved Treatments:

72 54076072-Cut	8.2	4199 - Other Mixed Upland Deciduous	Sawtimber Well	87	81-110	Harvest	Clearcut with Retention	4191 - Mixed Upland Deciduous with Conifer	Even-Aged	No
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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
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Prescription *Treatment was never prepared. Re-added previously approved treatment during 2023 YOE compartment review.-clearcut-leave all red pine and white pine not to exceed a residual BA of 10 -leave 3-10% in area retention -push treatment boundary into surrounding lowland with the prescribed stand(s) only-access will be from the south off of Hubert Rd only-will need crane mats to cross a drainage
 (recommend crossing in dry summer or winter only)
Next Step Monitoring, Natural Regen (Re-Inventory)
Treatments:
Acceptable Regen: -any combination of maple, aspen, birch, fir, spruce, oak, and pine of medium to high stocking-aspen cover type is also acceptable
Other Comment:
Site Condition
 Proposed Start Date: 10/1 /2020

98	54076098-Cut	15.7	4134 - Aspen, Spruce/Fir	Poletimber Well	43	51-80	Harvest	Clearcut with Retention	4130 - Aspen	Even-Aged	No
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Prescription *Treatment was never prepared. Re-added previously approved treatment (with the exception of additional acreage added to the south) during 2023 YOE compartment review.-clearcut-leave all red pine and white pine not to exceed a residual BA of 10 -leave 3-10% in area retention (already excluded- see site conditions layer)-include grouse specification with timber sale specifications, recommend marking to leave-push treatment boundary into surrounding lowland with the prescribed stand(s) only-access will be from the south off of Hubert Rd only-will need crane mats to cross a drainage (recommend crossing in dry summer or winter only)
Next Step Monitoring, Natural Regen (Re-Inventory)
Treatments:
Acceptable Regen: -any combination of maple, aspen, birch, fir, spruce, and pine of medium to high stocking
Other Comment:
Site Condition
 Proposed Start Date: 10/1 /2020

Total Treatment Acreage Proposed: 837.1

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Availability for Management

Total Acres	Acres Available	Acres Available With Condition	Acres Not Available
855	161	54	349

Dominant Site Conditions

	Total Acres	Acres Available	Acres Available With Condition	Acres Not Available	Dominant Site Conditions													
					2I	5B	5C	MC	2A	2F	2G	2H	3A	3J	5A	5E	ed	
1070	855	161	54	349	Aspen	64	0	96	0		0	4		0	14		36	0
13	13	0	0		Bog						0							
360	9	2			Cedar		2				0	324			9	15	0	
44	44	0	0		Herbaceous Openland	0											0	
23	22	0	1		Jack Pine							1						
6	6	0	0		Low-Density Trees													
99	96	0	3		Lowland Aspen/Balsam Poplar					0	1			1			1	
28	19	0	9		Lowland Conifers						9							
31	8	0	23		Lowland Deciduous						18			3			2	
45	30	3	12		Lowland Mixed Forest			3			5					2	5	
61	38	0	22		Lowland Shrub					0	0		0	22				
40	15	0	25		Lowland Spruce/Fir		0			0	24							
28	28	0	0		Marsh									0			0	
249	140	79	31		Mixed Upland Deciduous	60	19		0		11	4		3	2		11	
44	11	4	30		Natural Mixed Pines		4				1	12	11	6				
159	89	20	50		Oak		7	13		7	19	0		2	15	0	9	
80	76	4	0		Red Pine		4											
4	0	0	4		Tamarack					0	4							
7	7	0	0		Upland Conifers													
18	17	0	1		Upland Mixed Forest						0						1	
3	3	0	0		Upland Shrub													
2	2	0	0		Urban													
8	2	0	7		White Pine								7					
2,422	1,530	273	620		Total Forested Acres	124	35	113	0	7	31	395	12	22	72	17	65	0
	63%	11%	26%		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	Dominant Site Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
1	Unavailable	5E: Long-Term Retention	3	Unspecified	Unspecified	Unspecified	Unspecified	
Comments:								
-area retention for stand 40 (in part)								

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2	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	12	Unspecified	Unspecified	Unspecified	Unspecified
Comments: -not as wet as site adjacent site condition to west							
3	Unavailable	5E: Long-Term Retention	2	2F: Too steep	Unspecified	Unspecified	Unspecified
Comments:							
4	Unavailable	2F: Too steep	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
5	Available	5B: Maintain for regeneration purposes	0	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
6	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	18	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
7	Unavailable	5E: Long-Term Retention	3	2F: Too steep	Unspecified	Unspecified	Unspecified
Comments:							

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8	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	62	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
9	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	21	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	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
11	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
12	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	11	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
13	Available	5B: Maintain for regeneration purposes	9	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

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14	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	7	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments:							
15	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
16	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	12	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
17	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
18	Unavailable	2F: Too steep	5	3J: Water quality / BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
Comments:							
19	Unavailable	2F: Too steep	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

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20	Available	2I: Survey needed	60	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
21	Available	2I: Survey needed	25	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
22	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	39	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
23	Available	5B: Maintain for regeneration purposes	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
24	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
25	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

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26	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	14	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
27	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
28	Unavailable	5E: Long-Term Retention	1	3J: Water quality / BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
Comments: area retention for stand 98							
29	Unavailable	5E: Long-Term Retention	1	5F: Evaluated for Forest Health Considerations	Unspecified	Unspecified	Unspecified
Comments: The stand is being treated, stand boundaries and inventory will be adjusted upon completion.							
30	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
31	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	8	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
32	Unavailable	5E: Long-Term Retention	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

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33	Unavailable	5E: Long-Term Retention	4	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments: was left as area retention for stand 108							
34	Unavailable	5E: Long-Term Retention	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
35	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	8	Unspecified	Unspecified	Unspecified	Unspecified
Comments: -not as wet as site adjacent site condition to east and a lot of hemlock here							
36	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
37	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
38	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
39	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

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40	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
41	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
42	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
43	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
44	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
45	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	59	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

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46	Available	5B: Maintain for regeneration purposes	10	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
47	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments: area retention for stand 15							
48	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
49	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments: area retention for stand 35							
50	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	8	2F: Too steep	Unspecified	Unspecified	Unspecified
Comments:							
51	Unavailable	5E: Long-Term Retention	0	Unspecified	Unspecified	Unspecified	Unspecified
Comments: -area retention for stand 48							
52	Available	5B: Maintain for regeneration purposes	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

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53	Unavailable	2F: Too steep	11	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
54	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
55	Unavailable	2F: Too steep	2	3J: Water quality / BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
Comments:							
56	Unspecified	Unspecified	0				
Comments:							
57	Unavailable	5A: Not able to obtain desirable regeneration	8	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
58	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
59	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
-area retention for stand 60							

Report 4 – Site Conditions

Atlanta Mgt. Unit
Darrick Coy : Examiner

Compartment: 76
Year of Entry: 2023

60	Unavailable	5E: Long-Term Retention	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
61	Available	2I: Survey needed	32	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
62	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Crane Mats will be needed							
63	Available	5B: Maintain for regeneration purposes	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
64	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
65	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
66	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Atlanta Mgt. Unit
Darrick Coy : Examiner

Compartment: 76
Year of Entry: 2023

67	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
68	Unavailable	2F: Too steep	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
69	Unavailable	5A: Not able to obtain desirable regeneration	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
70	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
71	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
72	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	3	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

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Compartment: 76
Year of Entry: 2023

73	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
74	Unavailable	2F: Too steep	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
75	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments: area retention for stand 5							
76	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	36	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
77	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments: area retention for stand 97 in part							
78	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments: area retention for stand 100							
79	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	10	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

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80	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments: area retention for stand 23							
81	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
82	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
83	Unavailable	3A: Conservation Values incompatible with harvest at this time	3	5E: Long-Term Retention	Unspecified	Unspecified	Unspecified
Comments:							
84	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	77	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
85	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	14	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Atlanta Mgt. Unit
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Year of Entry: 2023

86	Unavailable	3A: Conservation Values incompatible with harvest at this time	4	2F: Too steep	Unspecified	Unspecified	Unspecified
Comments:							
87	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	14	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
88	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
89	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments: area retention for stand 98							
90	Unavailable	3A: Conservation Values incompatible with harvest at this time	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
91	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

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92	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
93	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
94	Unavailable	5E: Long-Term Retention	1	2F: Too steep	Unspecified	Unspecified	Unspecified
Comments:							
95	Unavailable	5A: Not able to obtain desirable regeneration	8	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
96	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
97	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Atlanta Mgt. Unit
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98	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	38	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
99	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
100	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
101	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
102	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
103	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	2	5A: Not able to obtain desirable regeneration	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

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104	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
105	Unavailable	5E: Long-Term Retention	8	Unspecified	Unspecified	Unspecified	Unspecified
Comments: area retention for stand 132							
106	Available	2I: Survey needed	8	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
107	Unavailable	3A: Conservation Values incompatible with harvest at this time	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
108	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	0	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
110	Unavailable	2A: Adjacent landowner denied access	7	3J: Water quality / BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Atlanta Mgt. Unit
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Compartment: 76
Year of Entry: 2023

111	Unavailable	3A: Conservation Values incompatible with harvest at this time	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
112	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments: -area left to protect shallow vernal pools							
113	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
114	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments: -area retention for stand 117							
115	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	60	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
117	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments: area retention for stand 131							

Report 4 – Site Conditions

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Year of Entry: 2023

118	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
119	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							



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
	Spring Wetlands Riparian Area	Vernal Pool	Error	0
Comments				
	Spring Wetlands Riparian Area	Vernal Pool	Error	0
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
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments		
1	6122 - Black Spruce	Poletimber Well	4.1	77	51-80	N/A			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black Spruce		80	Pole/Log	9	77	Tag Alder	Medium	5 - 10 feet	Tall Shrub
Quaking Aspen		20	Pole	7		Black Spruce	Medium	Variable	Sapling
2	622 - Lowland Shrub	Nonstocked	1.1	0	Unspecified	No			
3	3102 - Grass	Nonstocked	4.5			No			
4	6121 - Tamarack	Poletimber Well	3.7	66	51-80	N/A			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Tamarack		70	Pole/Sapling	7	66	Balsam Fir	Medium	Variable	Sapling
Black Spruce		15	Pole/Sapling	6		Tag Alder	High	5 - 10 feet	Tall Shrub
White Pine		15	Log/Pole	10		Red Maple	Medium	Variable	Sapling
						Black Spruce	Low	Variable	Sapling
						Black Ash	Low	Variable	Sapling
5	4131 - Aspen, Oak	Poletimber Well	34.0	57	81-110	N/A	stocking varies widely.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple		10	Pole/Sapling	7		Balsam Fir	Medium	Variable	Sapling
Red Oak		22	Log	15		White Pine	Low	Variable	Pole
Bigtooth Aspen		50	Pole/Log	8	57	Red Maple	Medium	Variable	Sapling
Balsam Fir		10	Pole	7					
White Pine		3	Pole/Log	9					
Red Pine		5	Log/Pole	13					
6	6122 - Black Spruce	Poletimber Well	14.0	70	51-80	N/A	black spruce bog- leather leaf, and high moss and hummock coverage		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir		5	Pole	7		Black Spruce	Medium	Variable	Sapling
Black Spruce		90	Pole/Sapling	7	70	Balsam Fir	Low	Variable	Sapling
White Pine		5	Log/Pole	10					
7	42200 - Natural White Pine	Sawtimber Well	6.7	125	81-110	N/A			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple		5	Pole	7		Balsam Fir	High	Variable	Sapling
Balsam Fir		5	Pole	6		White Pine	Medium	Variable	Sapling
White Pine		60	XLog/Log	20	125	Red Maple	Low	Variable	Sapling
Red Pine		30	XLog/Log	18					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																															
8	4191 - Mixed Upland Deciduous with Conifer	Sawtimber Medium	12.1	97	81-110	N/A	-high species, size, and structure composition -semi-open canopy -most oak are large mast and of lower timber value due to branches																																															
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Red Maple	Low	Variable	Sapling																																																			
9	6120 - Lowland Cedar	Poletimber Well	58.2	125	141-170	N/A	-hummocks and moss covered ground, significantly wet-middle part of stand has more log cedar, spruce, and tamarack in canopy																																															
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10	6120 - Lowland Cedar	Poletimber Well	77.0	113	111-140	N/A	-hummocks, moss, thick subcanopy of balsam fir, and standing water throughout-tamarack located mostly in the middle of stand																																															
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11	4123 - Red Oak	Sawtimber Medium	7.0	96	51-80	N/A	-timber trespass from 1995, cut some maple, other dec, and pine out -hemlock scattered in stand																																															
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																			
13	6130 - Fir, Aspen, Maple	Sapling Medium	15.9	30	1-50	N/A	-walked to nw corner of stand, there is no survey corner against the cedar stand, got curious -thick tall alder, stand is likely wetter now before it was last cut -cedar stand that was previously cedar -past treatment- clearcut -completion- 4/16/91																																																			
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14	6120 - Lowland Cedar	Poletimber Well	10.4	113	81-110	N/A	open canopy near survey corner w more alder																																																			
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16	6122 - Black Spruce	Poletimber Well	2.0	70	51-80	N/A	black spruce bog- leather leaf, and high moss and hummock coverage																																																			
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17	4191 - Mixed Upland Deciduous with Conifer	Sawtimber Well	4.3	83	81-110	N/A	-stand is on knoll and surrounded by lowland,																																																			
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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18 6120 - Lowland Cedar Poletimber Well 10.0 113 171-200 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	5	Pole	8		Balsam Fir	Low	Variable	Sapling
Northern White Cedar	50	Pole/Log	9	113				
Hemlock	3	Log	10					
White Pine	10	XLog/Log/Pole	18					
Quaking Aspen	3	XLog	23					
Red Maple	10	Log/Pole	12					
Paper Birch	5	Pole/Log	9					
Black Spruce	14	Log/Pole	11					

19 4191 - Mixed Upland Deciduous with Conifer Sawtimber Well 8.6 98 81-110 N/A -small acreage with unknown poor access -species rich

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	10	Log/Pole	10		Balsam Fir	High	Variable	Sapling
Red Oak	38	Log	14	98	White Pine	Medium	Variable	Sapling
Balsam Fir	2	Pole	5					
White Pine	10	Log/Pole	11					
Red Pine	15	Log/XLog	15					
Bigtooth Aspen	20	Log	13					
Paper Birch	5	Log/Pole	10					

20 42290 - Natural Mixed Pine Sawtimber Well 12.1 125 141-170 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Northern White Cedar	10	Pole	7		Balsam Fir	Full	5 - 10 feet	Sapling
White Pine	40	Log	13		Hemlock	Medium	Variable	Log
Red Pine	45	Log	15	125				
Red Maple	5	Log	14					

-Island stand, no dry access-some hemlock log trees scattered under natural pines, found in NE corner-fire scars on wp stumps-east 1/2 is more large diameter wp, cedar, and red maple with less BA

21 4133 - Aspen, Mixed Pine Poletimber Well 23.8 45 51-80 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	10	Pole	6		Balsam Fir	High	Variable	Sapling
Red Oak	10	Log	14		White Pine	Low	>20 feet	Sapling
Bigtooth Aspen	35	Pole	8	45	Red Maple	Medium	Variable	Sapling
Balsam Fir	5	Pole	7					
White Pine	30	Log/Pole	13					
Red Pine	5	Log/Pole	11					
Quaking Aspen	5	Pole	8					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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22 42290 - Natural Mixed Pine Sawtimber Well 6.0 86 81-110 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black Spruce	10	Pole/Log	9		Red Maple	Medium	Variable	Sapling
Red Pine	20	Log/Pole/XLog	13		Black Spruce	Low	Variable	Sapling
Jack Pine	40	Log/Pole	10	86	Balsam Fir	Medium	Variable	Sapling
Balsam Fir	10	Pole/Log	9		White Pine	Medium	Variable	Sapling
Red Maple	15	Log/Pole	12					
White Pine	5	Log/Pole	11					

23 4123 - Red Oak Sawtimber Well 14.5 83 81-110 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	15	Pole	8		Red Maple	Medium	Variable	Sapling
Red Oak	75	Log/Pole	13	83	Balsam Fir	Medium	Variable	Sapling
White Pine	5	Pole	7		White Pine	Low	Variable	Sapling
Bigtooth Aspen	5	Pole	7					

24 6225 - Bog Nonstocked 1.8 Unspecified No

25 6239 - Mixed Emergent Wetland Nonstocked 2.3 Unspecified No

26 4131 - Aspen, Oak Sapling Well 21.7 25 1-50 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	10	Sapling	2		White Pine	Low	< 5 feet	Sapling
Red Oak	10	Log	13		Jack Pine	Low	5 - 10 feet	Sapling
Bigtooth Aspen	65	Sapling	3	25				
Red Oak	15	Sapling	3					

-past treatment- clearcut -sale number- 54-022-93-01-sale map acres- 30-leave trees- all wp or green painted trees-volume (cfs)- 123 ro, 424 aspen, 53 mixed pine, 55 mhwd-completion- 8/30/96

27 4191 - Mixed Upland Deciduous with Conifer Sawtimber Medium 15.2 77 51-80 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	40	Log/Pole	11	77	Balsam Fir	High	Variable	Sapling
Hemlock	5	Log	13		Red Maple	Medium	Variable	Sapling
Paper Birch	5	Log/Pole	11		Black Ash	Medium	Variable	Sapling
Balsam Fir	20	Pole/Log	8					
Red Oak	10	Log/Pole	13					
Quaking Aspen	10	Log/Pole	10					
White Pine	5	Log/Pole	13					
Northern White Cedar	5	Log/Pole	11					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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28 3102 - Grass Nonstocked 2.4 Managed Opening

29 4131 - Aspen, Oak Sawtimber Well 15.7 64 81-110 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Oak	20	Log/XLog	16		Balsam Fir	Low	Variable	Sapling
Bigtooth Aspen	72	Log/Pole	12	64	Red Maple	High	Variable	Sapling
Red Pine	5	Log	14					
White Pine	1	Pole	9					
Red Pine	2	Log/XLog	15					

30 6225 - Bog Nonstocked 9.7 Unspecified No

31 42220 - Natural Jack Pine Poletimber Medium 6.7 78 51-80 N/A leatherleaf bog w/ shallow rise on n edge. 29 and 30 are pure leatherleaf.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Pine	5	Log	12		Balsam Fir	Low	Variable	Sapling
Jack Pine	95	Pole/Log	9	78	Black Spruce	Low	Variable	Sapling
					Red Maple	Medium	Variable	Sapling

32 42290 - Natural Mixed Pine Sawtimber Well 5.3 76 81-110 N/A -good site quality for pine and fast growth evident in cores

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	15	Log/Pole	11		Balsam Fir	Medium	Variable	Sapling
Red Pine	25	Log/XLog	15		White Pine	Low	Variable	Sapling
White Pine	40	Log/Pole/XLog	13	76	Red Maple	Low	Variable	Sapling
White Spruce	5	Log/Pole	11					
Balsam Fir	5	Pole/Log	8					
Red Oak	5	Log	13					
Bigtooth Aspen	5	Log/Pole	11					

33 6120 - Lowland Cedar Poletimber Well 19.3 130 111-140 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	2	Pole	7		Balsam Fir	High	Variable	Sapling
Paper Birch	3	Pole	9		Tag Alder	Medium	5 - 10 feet	Tall Shrub
Northern White Cedar	55	Pole/Sap/Log	8	130	Black Ash	Medium	Variable	Sapling
Hemlock	2	Log	11		Red Maple	Medium	Variable	Sapling
Black Spruce	35	Pole/Sapling	7					
White Pine	3	Log	15					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																			
34	6120 - Lowland Cedar	Poletimber Well	16.0	91	141-170	N/A	-subcanopy is fairly open, easier walking than most-marshy through about half of stand with standing water -yellow and brown cedar crowns, weak growth, saturated roots																																																			
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35	4130 - Aspen	Sapling Well	26.5	5	1-50	N/A	-past treatment- clearcut, cut all aspen, fir, and maple, roundwood only -sale number- 54-004-14-01 -sale map acres- 29 -leave trees- other species -volume (cbs)- 730 aspen, 40 rm -completion- 7/8/16 -cover objective- aspen -acceptable species- any combination of aspen, oak, jack pine, red pine, or white pine resulting in a medium or well stocked stand.																																																			
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36	3102 - Grass	Nonstocked	1.4		Unspecified	No																																																				
37	4136 - Aspen, Mixed Conifer	Poletimber Well	4.0	45	51-80	N/A	-cut down aspen tree and got 45 yrs-hemlock along south and west lines																																																			
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48	4130 - Aspen	Sapling Medium	6.9	4	1-50	N/A	-past treatment- clearcut, roundwood only -sale number- 54-004-14-01 -sale map acres- 7 -leave trees- all rp, wp, and green painted trees -volume (cds)- 170 aspen, 12 mo, 14 rm -completion- 6/26/17 -cover objective- mixed n. hardwood- aspen -acceptable species- any combination of aspen, oak, jack pine, red pine, or white pine resulting in a medium or well stocked stand. -conducted walkthrough in February 2021 -stand is primarily aspen, heavy browse on rm and oak -area has regenerated to well stocked aspen with other minor deciduous species -failed to meet cover type objective of Mixed N. Hardwood- Aspen																																																							
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51	623 - Emergent Wetland	Nonstocked	2.9			No	marsh																																																							



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52	6129 - Mixed Coniferous Lowland Forest	Poletimber Well	6.7	91	51-80	N/A	-ne half is more open with standing water and tamarack-BA is high in cedar and low in tamarack near marsh																																													
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Sub-Canopy Species	Density	Avg. Height	Size																																																	
Tag Alder	Full	10 - 20 feet	Tall Shrub																																																	
53	6112 - Lowland Aspen	Sapling Well	5.2	23	1-50	N/A	-past treatment- clearcut, no more than 50% before Jan. 1994 and at least 50% by Feb. 15th 1994 -sale number- 54-055-94-01 -sale map acres- 4 -leave trees- none -volume (cds)- 14 cedar, 36 aspen, 11 mswd, 13 mhw -completion- 3/29/96 -was cut to provide winter deer food-very wet, some areas lost to																																													
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55	3201 - Sweet Fern	Nonstocked	1.9			No																																														
56	3102 - Grass	Nonstocked	1.2			No																																														
57	6122 - Black Spruce	Poletimber Medium	3.9	77	51-80	N/A	-density and size change, still black spruce																																													
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58	6239 - Mixed Emergent Wetland	Nonstocked	13.0		Unspecified	No																																														



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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59	4139 - Aspen, Mixed Deciduous	Sapling Medium	10.9	5	Immature	N/A	-past treatment- clearcut -sale number- 54-004-14-01 -sale map acres- 9 -leave trees- all pine, green painted trees, and wo -volume (cds)- 41 aspen, 131 mo, 24 rm -completion- 7/8/16 -cover objective-other mixed upland deciduous -acceptable species-any combination of aspen, oak, jp, rp, or wp -conducted walkthrough on 03/19/2021 -stand is moderately stocked to aspen and other mixed deciduous -aspen, red maple, and oak in order of dominance -red maple high in south 1/3rd of stand
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Canopy Species	% Cover	Size Class	DBH	Age
Bigtooth Aspen	47	Sapling	1	5
Red Maple	35	Sapling	1	
Red Oak	3	Log/XLog	14	
Black/Red (Hybrid) Oak	5	Sapling	1	
White Pine	3	Pole	9	
Red Oak	5	Sapling	1	
White Oak	2	Log/Pole	11	

60	4130 - Aspen	Poletimber Well	39.1	50	51-80	N/A	
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	5	Pole/Sapling	6		Red Maple	Medium	Variable	Sapling
Bigtooth Aspen	50	Pole	8	50	Black Cherry	Medium	Variable	Sapling
Quaking Aspen	40	Pole	8	51	Balsam Fir	Medium	Variable	Sapling
White Pine	5	Pole/Log	8					

61	4130 - Aspen	Poletimber Well	12.9	35	51-80	N/A	-past treatment- clearcut -sale number- 54-005-84-01 -sale map acres- 12 -leave trees- all oak -volume (cds)- 70 qa, 58 mhwd, 71 mswd -completion- 10/01/85
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	3	Pole/Sapling	5		Red Maple	Medium	Variable	Sapling
Quaking Aspen	72	Pole/Sapling	7	35	Balsam Fir	Full	Variable	Sapling
Balsam Fir	15	Pole/Sapling	5					
Red Oak	10	Log/Pole	12					

62	6220 - Alder/willow	Nonstocked	9.9			No	tag alder plus standing dead conifer and scattered red maple, not 25% coverage
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63	6119 - Mixed Lowland Deciduous Forest	Sawtimber Well	8.5	86	81-110	N/A	
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	24	Log/Pole	10		Red Maple	Medium	Variable	Sapling
Paper Birch	8	Log/Pole	10		Balsam Fir	High	Variable	Sapling
Bigtooth Aspen	30	Log/Pole	13	86				
Balsam Fir	8	Log/Pole	10					
Red Pine	2	Log	14					
Basswood	3	Log/Pole	11					
Beech	5	Log/Pole	11					
Sugar Maple	5	Log/Pole	10					
Red Oak	15	Log/XLog	15					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																				
64	4130 - Aspen	Poletimber Well	31.5	25	1-50	N/A	-past treatment- clearcut, 10/1-4/1 operations restriction due to prox deer yard-sale number- 54-056-93-01-sale map acres- 36-leave trees- no green painted trees-volume (cgs)- 190 ro, 822 bta, 90 mixed pine, 175 mhwd-completion- 12/4/95																																																				
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65	6128 - Lowland Coniferous, Mixed Deciduous	Sawtimber Well	18.5	75	81-110	N/A	Serpentine ridge with excessively steep slopes. Many old white pine stumps-hummocks with moss, could be too wet, transitional edges throughout-at least half of stand is growing on hummock ground																																																				
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67	4130 - Aspen	Sapling Well	24.5	5	1-50	N/A	-past treatment- clearcut -sale number- 54-004-14-01 -sale map acres- 36 -leave trees- rp, wp, oak, cedar, or hemlock -volume (cgs)- 56 rm, 475 ma, pb 3, 9 bf -completion- 7/8/16 -cover objective- aspen -acceptable species- any combination of aspen, oak, jack pine, red pine, or white pine resulting in a medium or well stocked stand.																																																				
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68	3102 - Grass	Nonstocked	1.8		Unspecified	No																																																					
69	4123 - Red Oak	Poletimber Well	14.7	50	51-80	N/A	-fairly good crowns and spacing on oak, mostly mast- some older oak present, likely were 4 inch and not quite merchant able at harvest-medium-low site oak, lower end red oak																																																				
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70	6229 - Mixed lowland shrub	Nonstocked	5.5		Unspecified	No																																																				
71	6112 - Lowland Aspen	Sapling Poor	6.9	4	1-50	N/A	-past treatment- clearcut -sale number- 54-004-14-01 -sale map acres- 6 -leave trees- all cedar or hemlock -volume (cds)- 41 qa, 16 bs, 18 rm, bf 3 -completion-8/2/17 -cover objective-lowland dec. mixed conifers -acceptable species-any combination of aspen, oak, jp, rp, or wp -close to half of stand lost to cattails																																																			
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73	3303 - Mixed Low Density Trees	Nonstocked	1.4		Unspecified	No																																																				
74	3102 - Grass	Nonstocked	7.5		Unspecified	No																																																				
75	122 - Road/Parking Lot	Nonstocked	1.9		Unspecified	No																																																				
76	42210 - Natural Red Pine	Sawtimber Well	3.8	97	81-110	N/A	-most rp are over 19 inches																																																			
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77	3102 - Grass	Nonstocked	1.7		Unspecified	No																																																				



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments		
78	6113 - Lowland Maple	Sapling Well	6.9	42	1-50	N/A			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple		65	Sapling/Pole	4	42	Tag Alder	Medium	Variable	Tall Shrub
Balsam Fir		10	Sapling/Pole	4		Red Maple	High	Variable	Sapling
Quaking Aspen		10	Pole/Sapling	5		Black Ash	Medium	Variable	Sapling
Paper Birch		10	Pole/Sapling	5		Balsam Fir	Medium	Variable	Sapling
Black Spruce		5	Sapling/Pole	4					
79	623 - Emergent Wetland	Nonstocked	1.0	0		No	marsh		
80	6120 - Lowland Cedar	Poletimber Well	38.9	100	81-110	N/A	severely high water, stagnant growth, weak crowns		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir		5	Pole	7		Balsam Fir	Medium	Variable	Sapling
Black Spruce		15	Pole	8		Tag Alder	Medium	5 - 10 feet	Tall Shrub
Northern White Cedar		65	Pole/Sapling	7	100	Red Maple	Medium	Variable	Sapling
White Pine		5	Log/XLog	14		Black Ash	Medium	Variable	Sapling
Tamarack		10	Pole	7					
81	6120 - Lowland Cedar	Sawtimber Well	9.4	125	171-200	N/A	-stream bisects stand-high BA stand		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple		5	Pole/Log	9		Balsam Fir	Medium	Variable	Sapling
Paper Birch		5	Pole	8		Black Ash	Low	Variable	Sapling
Balsam Fir		5	Pole	9		Red Maple	Low	Variable	Sapling
Northern White Cedar		55	Log/Pole	10	125				
White Pine		10	Log/XLog	16					
Red Pine		3	Log	16					
Balsam Poplar		10	Log/Pole	11					
White Spruce		5	Log	13					
Hemlock		2	Log	13					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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82 4191 - Mixed Upland Deciduous with Conifer Sawtimber Well 18.5 93 81-110 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	15	Log/Pole	10		Balsam Fir	Medium	Variable	Sapling
Balsam Fir	10	Pole	8		Red Maple	Medium	Variable	Sapling
Northern White Cedar	5	Log/Pole	11		Black Spruce	Low	Variable	Sapling
Hemlock	3	Log/XLog	14		Tag Alder	Low	5 - 10 feet	Tall Shrub
Red Oak	30	Log/Pole	13	93	Beech	Low	Variable	Sapling
White Pine	3	Log	14					
Quaking Aspen	27	Log/Pole	10	60				
Paper Birch	5	Pole/Log	9					
Beech	1	XLog	22					
Red Pine	1	XLog	20					

83 4123 - Red Oak Sawtimber Well 40.2 95 81-110 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	10	Pole/Log	8		Red Maple	Medium	Variable	Sapling
Red Oak	78	Log/Pole/XLog	13	95	White Pine	Low	Variable	Sapling
Bigtooth Aspen	10	Log	13					
Red Pine	2	Log	15					

84 6120 - Lowland Cedar Sawtimber Well 81.8 113 141-170 N/A deciduous over cedar in canopy in places

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	5	Log/Pole	12		Balsam Fir	Medium	Variable	Sapling
Balsam Fir	6	Pole	8		Tag Alder	Medium	5 - 10 feet	Tall Shrub
Northern White Cedar	66	Log/Pole	10	113	Black Spruce	Low	Variable	Sapling
Hemlock	3	Log	10		Red Maple	Medium	Variable	Sapling
Quaking Aspen	5	Log	13					
White Pine	5	Log/XLog	17					
Black Spruce	10	Log/Pole	11					

85 6220 - Alder/willow Nonstocked 3.3 No

86 42220 - Natural Jack Pine Poletimber Well 3.4 38 1-50 N/A 0 and 1 stick jack pine.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	5	Pole/Sapling	5		Red Maple	Low	Variable	Sapling
Northern Pin Oak	5	Log	12		White Oak	Low	Variable	Sapling
Jack Pine	85	Pole/Sapling	6	38				
Quaking Aspen	5	Pole/Sapling	6					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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87 3102 - Grass Nonstocked 2.9 No scattered cherry

88 4199 - Other Mixed Upland Deciduous Sawtimber Well 50.2 93 81-110 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	24	Log/Pole	10		Balsam Fir	Medium	Variable	Sapling
Red Maple	8	Log/Pole	10		Sugar Maple	Low	Variable	Sapling
Beech	10	Log/Pole	11		Red Maple	Medium	Variable	Sapling
Red Oak	3	Log	15		Beech	Medium	Variable	Sapling
Paper Birch	7	Log/Pole	12					
Bigtooth Aspen	33	Log/XLog	14	93				
Balsam Fir	3	Pole/Log	9					
White Pine	2	Log	13					
Basswood	10	Log/Pole	13					

89 6131 - Hemlock, White Pine, Maple, Birch Sawtimber Well 6.2 110 51-80 N/A -hydrology is transitional throughout but mostly lowland, north half is driest-stand was previously cut through where operable

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Pine	43	XLog/Log	18	110	Red Maple	Medium	Variable	Sapling
Red Maple	35	Pole	8	50	Balsam Fir	Medium	Variable	Sapling
Northern White Cedar	15	Pole/Log	9					
Red Oak	2	Pole	8					
Paper Birch	5	Pole	7					

90 6233 - Wet Meadow Nonstocked 2.8 No -marsh, cattails, very high standing water, tag alder around perimeter

91 3102 - Grass Nonstocked 1.8 Unspecified Managed Opening

92 4134 - Aspen, Spruce/Fir Poletimber Well 37.5 37 51-80 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Quaking Aspen	68	Pole/Sapling	7	37	Balsam Fir	High	Variable	Sapling
Balsam Fir	30	Pole/Sapling	7		Red Maple	Medium	Variable	Sapling
Red Pine	2	Log	13					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																				
93	42260 - Natural Pine, Mixed Deciduous	Sawtimber Well	4.4	115	81-110	N/A	some parts are steep																																																				
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96	4123 - Red Oak	Sawtimber Medium	12.3	92	51-80	N/A	-area was part of aspen clearcut to the north but no trees were cut because all oak was excluded -relatively open subcanopy and heavy deer use																																																				
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97	4130 - Aspen	Poletimber Well	56.1	50	51-80	N/A																																																					
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98	4134 - Aspen, Spruce/Fir	Poletimber Well	21.6	43	51-80	N/A			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Quaking Aspen		80	Pole	7	43	Balsam Fir	High	Variable	Sapling
Balsam Fir		20	Pole/Sapling	6		Red Maple	Medium	Variable	Sapling
99	6233 - Wet Meadow	Nonstocked	1.8			No	marsh, cattails, alder, small trees		
100	4139 - Aspen, Mixed Deciduous	Sawtimber Well	19.4	74	81-110	N/A			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Quaking Aspen		55	Log/Pole	12	74	Red Maple	High	Variable	Sapling
Balsam Fir		15	Pole/Log	8		Balsam Fir	Medium	Variable	Sapling
Red Maple		25	Log/Pole	11					
Red Oak		5	Log/Pole	11					
101	3104 - Degraded	Nonstocked	0.9	0	Immature	No			
102	4123 - Red Oak	Sawtimber Medium	4.4	95	51-80	N/A	orv damage. very steep.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple		5	Pole	8		Red Maple	Medium	< 5 feet	Sapling
Red Oak		95	Log	12	95				
103	6120 - Lowland Cedar	Sawtimber Well	9.3	115	171-200	N/A			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Paper Birch		10	Log	11		Balsam Fir	Medium	Variable	Sapling
Balsam Poplar		10	Log	10					
Northern White Cedar		70	Log/Pole	10	115				
Black Spruce		10	Log/Pole	10					
104	3201 - Sweet Fern	Nonstocked	1.4		Unspecified	No			
105	6122 - Black Spruce	Poletimber Medium	4.2	88	51-80	N/A	-solid moss coverage and hummocks -very steep hill to adj south		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black Spruce		80	Pole	8	88	Tag Alder	Medium	5 - 10 feet	Tall Shrub
Red Maple		10	Pole	7		Red Maple	Medium	Variable	Sapling
White Pine		10	Log/Pole	12					



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106	4199 - Other Mixed Upland Deciduous	Sawtimber Well	67.4	86	81-110	N/A																																																														
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107	6230 - Cattail	Nonstocked	2.8	0		No																																																														
108	6139 - Mixed Lowland Forest	Sapling Medium	11.0	4	Immature	N/A	-past treatment- clearcut -sale number- 54-004-14-01-sale map acres- 11-leave trees- all rp, wp, or cedar-volume (cfs)- 30 rm, 4 aspen, 6 pb, 19 bf-completion- 8/10/17-cover objective-fir, aspen, maple (LM)- acceptable species- any combination of spruce, balsam fir, white pine or red maple -moderately stocked-conducted walkthrough on 3/19/21-conifer seedlings mixed composition and patchy but are filling in																																																													
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110	4123 - Red Oak	Sawtimber Well	10.1	95	81-110	N/A	stream buffer on North Branch of Thunder Bay River. Some hemlock/cedar along stream.																																																													
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111	310 - Herbaceous Openland	Nonstocked	2.0		Unspecified	No																																																														



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112	4130 - Aspen	Sapling Medium	20.3	5	1-50	N/A	-The road through this stand is crossed by two southbound free flowing streams. One on each side of the stand. -2018.01.06: The two streams and their corridors have been transferred to stand 84. -past treatment- clearcut -sale number- 54-004-14-01 -sale map acres- 29 -leave trees- rp, wp, oak, cedar, or hemlock -volume (cds)- 285 rm, 135 ma, 39 pb, 52 bf, 70 ws -completion- 7/8/16 -cover objective- lowland deciduous forest -acceptable species- any combination of aspen, balsam fir or red maple resulting in a medium or well stocked stand. -cut area is now dominated by aspen with pockets of interior wetland in lower ground -accept Aspen cover type during YOE 2023 compartment review																																																							
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113	6220 - Alder/willow	Nonstocked	4.3			No	Alder in North with small sap and pole conifer fir in south																																																							
114	6112 - Lowland Aspen	Poletimber Well	50.8	35	51-80	N/A	-past treatment- clearcut -sale number- 54-056-83-01-sale map acres- 40-leave trees- none-volume (cds)- aspen 341, rm 125, mhwd 96, bf 98-completion- 9/17/86																																																							
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116	42110 - Planted Red Pine	Sapling Well	64.3	38	81-110	N/A	-FTP- C54-210- trenching and planting to red pine and skip aspen regen pockets-acres- 61-spacing- 6x9-trees per acre- 800-conditions-unknown-completion date- 4/1983-23 BA swings in 2021- 101 BA, 69% rp, 13% jp, 2% wp, 10% oak, 6% bta																																																							
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118	4319 - Mixed Upland Forest	Sapling Poor	12.5	5	1-50	N/A	-past treatment- clearcut -sale number- 54-004-14-01-sale map acres- 12-leave trees- rp, wp, oak, cedar, or hemlock-volume (cds)- 101 rm, 8 qa, 60 pb-completion- 7/8/16-cover objective- red maple, conifer-acceptable species- any combination of aspen, balsam fir or red maple resulting in a medium or well stocked stand-poorly to mod 25-30% stocking of conifers and deciduous																																																					
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119	4136 - Aspen, Mixed Conifer	Poletimber Well	7.2	43	51-80	N/A	east 1/3rd is older with oak																																																					
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120	6220 - Alder/willow	Nonstocked	22.0		Unspecified	No																																																						



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																					
121	4130 - Aspen	Sapling Medium	54.8	5	Immature	N/A	-stand 107 to the adjacent NW was merged into stand 121-pockets of interior wetland were created after the regen survey-stand 121-past treatment- clearcut -sale number- 54-004-14-01-sale map acres- 48-leave trees- rp, wp, oak, cedar, or hemlock-volume (cds)- 24 sm, 207 rm, 275 ma, 76 pb, 161 bf, 19 ws-completion- 7/8/16-cover objective- aspen-acceptable species- any combination of native tree species resulting in a medium or well stocked stand. -stand 107-past treatment- clearcut -sale number- 54-004-14-01-sale map acres- 10-leave trees- rp, wp, oak, cedar, or hemlock-volume (cds)- 7 sm, 81 rm, 49 qa, 32 pb, 25 bf-completion- 7/8/16-cover objective- aspen- acceptable species- any combination of aspen, oak, jack pine, red pine, or white pine resulting in a medium or well stocked stand.																																																					
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122	4134 - Aspen, Spruce/Fir	Poletimber Well	38.5	55	81-110	N/A	-trees need to gain some size																																																					
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123	3102 - Grass	Nonstocked	3.8		Unspecified	No																																																						
124	4130 - Aspen	Poletimber Well	16.1	35	51-80	N/A	-past treatment- clearcut -sale number- 54-004-14-01-sale map acres- 14-leave trees- none-volume (cds)- 138 qa, 89 mhwd, 13 mswd-completion- 7/1/85																																																					
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125	42121 - Planted Jack Pine, Mixed Deciduous	Poletimber Well	10.0	38	1-50	N/A	-2/3rds of stand to the east was planted, the rest is natural-FTP- C54-210- trenching and planting to jack pine and skip aspen regen pockets- acres- 9-spacing- 6x9-trees per acre- 800-conditions- unknown-completion date- 4/1983																																																					
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126	6113 - Lowland Maple	Sawtimber Well	6.6	65	81-110	N/A	-was cut in very cold winter according to pvt owner -standing water throughout with intermittent stream feeding it-floodplain red maple, trees in standing water-good spacing and crown vigor																																																					
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128	4139 - Aspen, Mixed Deciduous	Sapling Well	14.1	17	1-50	N/A	-past treatment- clearcut -sale number- 54-003-04-01-sale map acres- 10-leave trees- oak, pine, sugar maple, beech, cedar or white ash-volume (cgs)- 110 bta-completion- 10/05/05 (unit paid for on 1/29/04, went with 17 years)-looks like 20-30 BA residual was left																																																													
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129	6220 - Alder/willow	Nonstocked	11.6		Unspecified	No																																																														
130	4129 - Mixed Oak	Poletimber Well	6.8	86	81-110	N/A	No practical access																																																													
131	4130 - Aspen	Poletimber Well	18.1	77	81-110	N/A																																																														
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																	
132	4130 - Aspen	Poletimber Well	95.5	49	81-110	N/A																																																		
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133	429 - Mixed Upland Conifers	Poletimber Well	6.6	67	51-80	N/A																																																		
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134	42210 - Natural Red Pine	Sawtimber Well	12.1	103	141-170	N/A	-overstocked and mostly rp																																																	
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135	4130 - Aspen	Sawtimber Well	20.5	78	81-110	N/A																																																		
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136	6112 - Lowland Aspen	Sapling Well	36.4	25		N/A	Many potholes of lowland brush.-past treatment- clearcut, 12/1-3/31 ops restriction, wet soil-sale number- 54-060-93-01-sale map acres-30-leave trees- no oak, wp, or cedar-volume (cds)- 70% aspen, one unit wasn't cut so volume is off-completion- 4/11/96																																																	
137	4123 - Red Oak	Sawtimber Well	9.0	92	81-110	N/A																																																		
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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138 4123 - Red Oak Sawtimber Well 9.4 95 51-80 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	10	Log/Pole	11		White Pine	Medium	>20 feet	Sapling
Red Oak	60	Log/XLog	15	95				
Bigtooth Aspen	10	Log	13	95				
Red Pine	10	Log	16					
White Pine	10	Pole/Log	8					

139 42290 - Natural Mixed Pine Sawtimber Medium 10.2 87 81-110 N/A wp stump field. Nice height, needs diameter growth.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	10	Log/Pole	11		Balsam Fir	Medium	Variable	Sapling
Bigtooth Aspen	10	Log	13		White Pine	Medium	Variable	Sapling
White Pine	50	Log/Pole/XLog	13	87	Red Maple	Medium	Variable	Sapling
Red Pine	25	Log/Pole	13					
Red Oak	5	Log/Pole	13					

140 6132 - Mixed Lowland Forest with Cedar Poletimber Poor 3.5 50 51-80 N/A looks like middle was cut through 45 yrs ago

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Northern White Cedar	20	Log/Pole	11	110	Balsam Fir	Medium	Variable	Sapling
Red Maple	35	Pole/Sapling	5	50	Tag Alder	High	5 - 10 feet	Tall Shrub
White Pine	5	Log/XLog	17		Red Maple	Medium	Variable	Sapling
Paper Birch	10	Pole/Sapling	6					
Balsam Poplar	5	Pole	7					
Balsam Fir	25	Sapling/Pole	4					

141 4130 - Aspen Poletimber Well 49.2 37 51-80 N/A Old comments"south half cut in 80, north half in 1987; averaged ages for stand; past treatment- clearcut (s1/2)- cut all aspen, hardwood, and bf; cut all log rp-acres treated- 10-completion date- 8/20/1980-sale number- tcr 40-80-leave trees- leave all oak-cut volume (cads)- 90 aspen, 70 mhwd, 15 fir, 1 rp-looks like wp were left and cut

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	5	Pole/Sapling	5		White Pine	Low	Variable	Sapling
Red Maple	20	Pole/Sapling	6		Red Maple	Medium	Variable	Sapling
Quaking Aspen	40	Pole/Sapling	7	37	Balsam Fir	Medium	Variable	Sapling
Bigtooth Aspen	25	Pole/Sapling	7					
Red Oak	5	Log/XLog	15					
White Pine	5	Log/Pole	13					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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142 4191 - Mixed Upland Deciduous with Conifer Poletimber Well 6.9 77 81-110 N/A -odd stand-looks 2 aged or cut through-older than aspen to the west

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	5	Log/Pole	11	
Balsam Fir	20	Pole/Sapling	7	
Bigtooth Aspen	15	Pole	9	
White Pine	15	Log/Pole	13	
Quaking Aspen	10	Pole	8	
Red Maple	30	Log/Pole	10	77

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

-couldnt locate nw survey corner, one is documented though -wet ground in South 1/3rd

143 6132 - Mixed Lowland Forest with Cedar Sawtimber Well 5.1 115 141-170 N/A -wetter towards west with more cedar-aspen and red maple over cedar

Canopy Species	% Cover	Size Class	DBH	Age
White Pine	5	Log	14	
Red Maple	15	Log/Pole	12	
Quaking Aspen	35	Log	14	115
Northern White Cedar	45	Log/Pole	10	115

Sub-Canopy Species	Density	Avg. Height	Size
Tag Alder	Low	5 - 10 feet	Tall Shrub
Red Maple	Low	Variable	Sapling
Balsam Fir	Low	Variable	Sapling
Northern White Cedar	Medium	>20 feet	Pole

144 42120 - Planted Jack Pine Poletimber Well 2.7 38 81-110 N/A -FTP- C54-210- trenching and planting to jack pine and skip aspen regen pockets

Canopy Species	% Cover	Size Class	DBH	Age
Jack Pine	90	Pole/Sapling	5	38
Quaking Aspen	10	Pole/Sapling	6	

-acres- 3
-spacing- 6x9
-trees per acre- 800
-conditions- unknown
-completion date- 4/1983-skinny weak jp crowns

145 4134 - Aspen, Spruce/Fir Poletimber Well 27.5 55 81-110 N/A

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	20	Pole/Sapling	7	
Paper Birch	10	Pole	8	
Quaking Aspen	40	Pole	8	55
Balsam Fir	20	Pole/Sapling	7	
Red Pine	2	Log	14	
Bigtooth Aspen	8	Pole	8	

Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	Medium	Variable	Sapling
Balsam Fir	High	10 - 20 feet	Sapling

146 622 - Lowland Shrub Nonstocked 1.0 No marsh with surrounding tag alder



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments			
147	6120 - Lowland Cedar	Poletimber Medium	2.8	115	51-80	N/A	more open cedar with fir and alder below			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Northern White Cedar		85	Pole/Log	8	115	Tag Alder		Medium	5 - 10 feet	Tall Shrub
Balsam Fir		10	Pole/Sapling	6		Black Ash		Medium	Variable	Sapling
Red Maple		5	Log/Pole	12		Balsam Fir		Medium	Variable	Sapling
						Red Maple		Low	Variable	Sapling
						Paper Birch		Low	Variable	Sapling
148	6120 - Lowland Cedar	Sawtimber Well	2.4	110	111-140	N/A				
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Northern White Cedar		60	Log/Pole	11	110	Tag Alder		Medium	10 - 20 feet	Tall Shrub
Balsam Poplar		10	Log	12		Balsam Fir		Medium	Variable	Sapling
Red Maple		10	Log/Pole	11		Black Ash		Medium	Variable	Sapling
Paper Birch		10	Log/Pole	10						
Balsam Fir		10	Pole	7						
149	6120 - Lowland Cedar	Poletimber Medium	4.6	105	51-80	N/A	-tag alder and pole cedar-very weak, brown cedar crowns, standing water throughout			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Northern White Cedar		100	Pole/Sapling	7	105	Tag Alder		Medium	5 - 10 feet	Tall Shrub
						Balsam Fir		Medium	Variable	Sapling
						Black Ash		Medium	Variable	Sapling
150	4319 - Mixed Upland Forest	Sawtimber Well	5.3	76	81-110	N/A				
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Red Maple		15	Log/Pole	10		Balsam Fir		Medium	Variable	Sapling
Quaking Aspen		15	Log/Pole	11		Red Maple		Medium	Variable	Sapling
Northern White Cedar		5	Log/Pole	10		White Pine		Low	Variable	Sapling
White Pine		35	Log/Pole	13	76					
Red Pine		10	Log	14						
Red Oak		15	Log/XLog	15						
Paper Birch		5	Pole/Log	8						
151	6113 - Lowland Maple	Sawtimber Medium	5.6	86	51-80	N/A	-maple looks drastically different in size, 2 aged-likely some aspen fell out of this stand and converted to small red maple poles over time-odd stand			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Balsam Poplar		28	Log	10		Tag Alder		Medium	10 - 20 feet	Tall Shrub
Northern White Cedar		5	Log	11		Black Ash		Medium	Variable	Sapling
Balsam Fir		5	Pole	8		Balsam Fir		Medium	Variable	Sapling
Red Maple		32	Log	11	86					
Red Maple		30	Pole	6	42					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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153 6132 - Mixed Lowland Forest with Cedar Sawtimber Well 3.3 105 81-110 N/A tag alder plus standing dead conifer

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	30	Log/Pole	10		Balsam Fir	Medium	Variable	Sapling
Northern White Cedar	40	Log/Pole	11	105	Tag Alder	Low	5 - 10 feet	Tall Shrub
Red Oak	5	Log	15		Black Ash	Low	Variable	Sapling
Paper Birch	5	Log/Pole	10		Red Maple	Low	Variable	Sapling
Hemlock	15	Log/Pole	11					
Quaking Aspen	5	Log	12					

154 6122 - Black Spruce Poletimber Well 2.9 62 81-110 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black Spruce	75	Pole/Log	8	62	Black Spruce	Medium	Variable	Sapling
White Pine	20	Pole/Log	9		White Pine	Low	Variable	Sapling
Tamarack	5	Pole	7					

155 6220 - Alder/willow Nonstocked 1.8 0 No

156 6125 - Lowland Black Spruce, Jack Pine Poletimber Well 3.0 73 81-110 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black Spruce	45	Pole/Log	8	73	Black Spruce	Medium	Variable	Sapling
White Pine	25	Pole/Log	9		White Pine	Low	Variable	Sapling
Tamarack	15	Pole/Sapling	7					
Jack Pine	15	Pole/Log	9					

157 4123 - Red Oak Sawtimber Well 15.0 88 81-110 N/A some parts are steep

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	10	Pole/Log	9		Red Maple	Medium	Variable	Sapling
Red Oak	60	Log/Pole/XLog	13	88	White Pine	Medium	Variable	Sapling
Bigtooth Aspen	20	Log/Pole	13		Balsam Fir	Medium	Variable	Sapling
White Pine	5	Log/Pole/XLog	15					
Red Pine	5	Log	14					

158 4130 - Aspen Poletimber Well 84.9 35 51-80 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	10	Pole/Sapling	5		Red Maple	High	Variable	Sapling
Red Oak	5	Pole	7		Balsam Fir	Medium	Variable	Sapling
Bigtooth Aspen	47	Pole/Sapling	7	35				
Quaking Aspen	30	Pole/Sapling	7					
Red Pine	3	Log	16					
Red Oak	5	XLog	19					

-past treatment- clearcut, cut during 10/1-3/31 only-sale number- 54-034-83-01 & 54-035-83-01-sale map acres- 35 & 38= 73-leave trees-green painted oak pockets and all cedar-volume (cde)- 792 aspen, 235 ro, 90 mhwd, 53 rp, 10 bf-completion- 9/17/86 (NW half) & 11/27/85 (SE half)-SW leg of stand added as an inclusion, 10 yrs older



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																								
159	4130 - Aspen	Sapling Well	2.4	17	1-50	N/A	-past treatment- clearcut -sale number- 54-003-04-01-sale map acres- 10-leave trees- oak, pine, sugar maple, beech, cedar or white ash- volume (cbs)- 110 bta-completion- 10/05/05 (unit paid for on 1/29/04, went with 17 years)																																																								
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160	6122 - Black Spruce	Poletimber Well	2.1	77	81-110	N/A																																																									
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161	42360 - Upland Cedar	Sawtimber Well	0.9	120		N/A	tag alder plus standing dead conifer and scattered red maple, not 25% coverage																																																								
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162	6118 - Lowland Deciduous with Cedar	Sawtimber Well	3.1	87	51-80	N/A	clearcut south of Emma lake rd, leave 3-10% area retention and all red pine and white pine not to exceed 10 ba for visual and species diversity, should not need to mark																																																								
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163	6122 - Black Spruce	Poletimber Well	5.0	78	51-80	N/A																																																									
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164	42200 - Natural White Pine	Sawtimber Well	1.6	77	51-80	N/A																																																									
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																														
165	4136 - Aspen, Mixed Conifer	Sawtimber Well	12.5	82	81-110	N/A	-transitional strip left to protect cedar edge																														
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166	6230 - Cattail	Nonstocked	1.0	0		No																															
167	310 - Herbaceous Openland	Nonstocked	1.3	0		No																															
168	3301 - Low Density Deciduous Trees	Nonstocked	1.3	0		No																															
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169	6239 - Mixed Emergent Wetland	Nonstocked	0.9	0		No	-past treatment- clearcut -sale number- 54-004-14-01 -sale map acres- 18 -leave trees- rp, wp, oak, cedar, or hemlock -volume (cds)- 191 rm, 68 ma, 11 bf, 23 ws -completion- 7/8/16 -cover objective- red maple, conifer -acceptable species- any combination of aspen, balsam fir or red maple resulting in a medium or well stocked stand.																														
170	310 - Herbaceous Openland	Nonstocked	0.9	0		No	-past treatment- clearcut -sale number- 54-004-14-01 -sale map acres- 12 -leave trees- rp, wp, oak, cedar, or hemlock -volume (cds)- 101 rm, 8 qa, 60 pb -completion- 7/8/16 -cover objective- red maple, conifer -acceptable species- any combination of aspen, balsam fir or red maple resulting in a medium or well stocked stand -poorly to mod 25-30% stocking of conifers and deciduous																														
171	3301 - Low Density Deciduous Trees	Nonstocked	1.6	0		No	-should fill in more over time																														
172	3301 - Low Density Deciduous Trees	Nonstocked	1.4	0		No	-should fill in more over time																														



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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173	4130 - Aspen	Poletimber Well	8.5	65	81-110	N/A	
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Quaking Aspen	80	Pole/Log	9	65	Red Maple	Medium	Variable	Sapling
Red Maple	20	Log/Pole	10		Black Ash	Medium	Variable	Sapling