

Compartment Review Presentation

Shingleton Forest Management Unit

Compartment 41035

Entry Year: 2027

Acreage: 1,589

County: Schoolcraft

Management Area: Seney Lake Plain

Stand Examiner: Adam Petrelius

Legal Description:

T43N R16W Sections 1,2,11,12,13

Identified Planning Goals:

This compartment lies within the Seney Lake Plain. The main goal of this compartment is to conduct multiple resource management for current and future generations.

Soil and topography:

The topography in this compartment is mostly flat to slightly rolling. A wide variety of soil types are located within the compartment and support high quality hardwoods, mixed pine, and lowland conifer species. The major soil types found within the compartment, in order of abundance, are Carbon-Lupton-Tawas Mucks, Markey Mucky Peat, and Pelkie. The major habitat types within the compartment, in order of abundance, are Unclassified Wetland, AFPO, and PVE. Most of the compartment lies within the Stutts Creek Sands Land Type Association. Other Land Type Associations found within the compartment are the Hickey Creek Peatlands and Hiawatha Moraine.

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

Adjacent ownership along the compartment boundary is a mixture of both private and state land. Numerous camps and permanent residences are located along the southwest portion of the compartment boundary.

State land within this compartment was acquired between 1927 and 1951. Most of the land was either tax reverted or purchased, but some was exchanged with both private individuals and the Federal Government.

Unique Natural Features:

Under review.

Archeological, Historical, and Cultural Features:

None known.

Special Management Designations or Considerations:

An Ecological Reference Area (ERA) for a dry northern forest is located within the compartment.

Watershed and Fisheries Considerations:

This compartment contains Grindstone Creek, Stutts Creek, Southside Creek, and Hiawatha Creek. Southside Creek and Hiawatha Creek are designated Type 1 trout streams less than 50-ft wide that have predicted mean July water temperatures of 57.2 and 60.4°F (cold streams), respectively. 300-foot buffers are recommended for Southside Creek and Hiawatha Creek in riparian areas susceptible to Aspen regeneration. For areas not susceptible to Aspen regeneration, a minimum 100-foot, plus 5 feet per 1% increase in slope, riparian management zone is recommended to protect these areas in accordance with Best Management Practices. Grindstone Creek and Stutts Creek are non-designated streams that have a predicted mean July water temperatures of 63.0 to 65.8°F (cold streams), respectively. 100-foot, plus 5 feet per 1% increase in slope, riparian management zones are recommended for Grindstone Creek and Stutts Creek to protect these areas in accordance with Best Management Practices.

Wildlife Habitat Considerations:

This compartment is located in central Schoolcraft County and lies to the north of M-94. Stutts Creek traverses the area from northwest to southeast. A large portion of the compartment is lowland. Early surveyors recorded finding hemlock, white pine, sugar maple, beech, aspen, yellow birch, and basswood in the uplands. Lowland forests were characterized by spruce, tamarack, fir, and cedar. Today's lowlands appear to be fairly similar in species composition to the circa 1850 forests. In the uplands there seems to have been a reduction of hemlock and white pine, and an expansion of jack pine, red pine, and aspen. Featured species in this compartment are beaver, moose, ruffed grouse, sharp-tailed grouse, snowshoe hare, and white-tailed deer. Wildlife habitat objectives include regenerating cedar, protecting the Stutts creek corridor, promoting hemlock, enhancing species diversity within hardwood stands, and maintaining aspen as a component within the compartment.

Mineral Resource and Development Concerns and/or Restrictions

Surface sediments consist of lacustrine sand and gravel, coarse-textured till, and peat and muck. There is greater than 50 feet of glacial drift. The Ordovician Richmond Group subcrops below the glacial drift. The Stonington and Big Hill formations could be used for stone/dolomite. Gravel pits are located in sections 4, 23, and 24, and potential appears to be good on the uplands. There is no commercial oil and gas production in the UP. A dry hole was drilled to the southeast in 2005 (Trenton Formation test).

Vehicle Access:

Vehicle access is fair within the compartment. Portions of the compartment are located within ¼ mile of M-94, and Southside Road, a County Road, travels through the compartment. A lot of the forest roads within the compartment are accessed through private land, and much of the compartment is lowland which lacks forest roads.

Survey Needs:

Survey work may be needed.

Recreational Facilities and Opportunities:

There are no recreational facilities within this compartment. Recreational opportunities include hunting, fishing, berry picking, hiking, and riding ORV's.

Fire Protection:

Fire response times to this compartment will be moderate to fast. The absence of forest roads will make fire operations difficult in some areas. Numerous structures are located surrounding the compartment boundary. A lot of potential water sources are also available.

Additional Compartment Information:

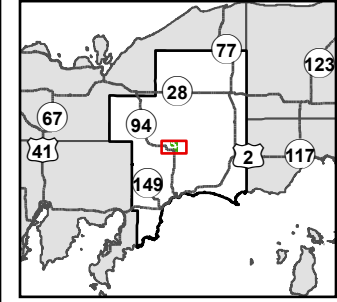
The following reports from the Inventory are attached:

- 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**

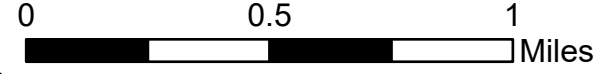
The following information is displayed, where pertinent, on the attached compartment maps:

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

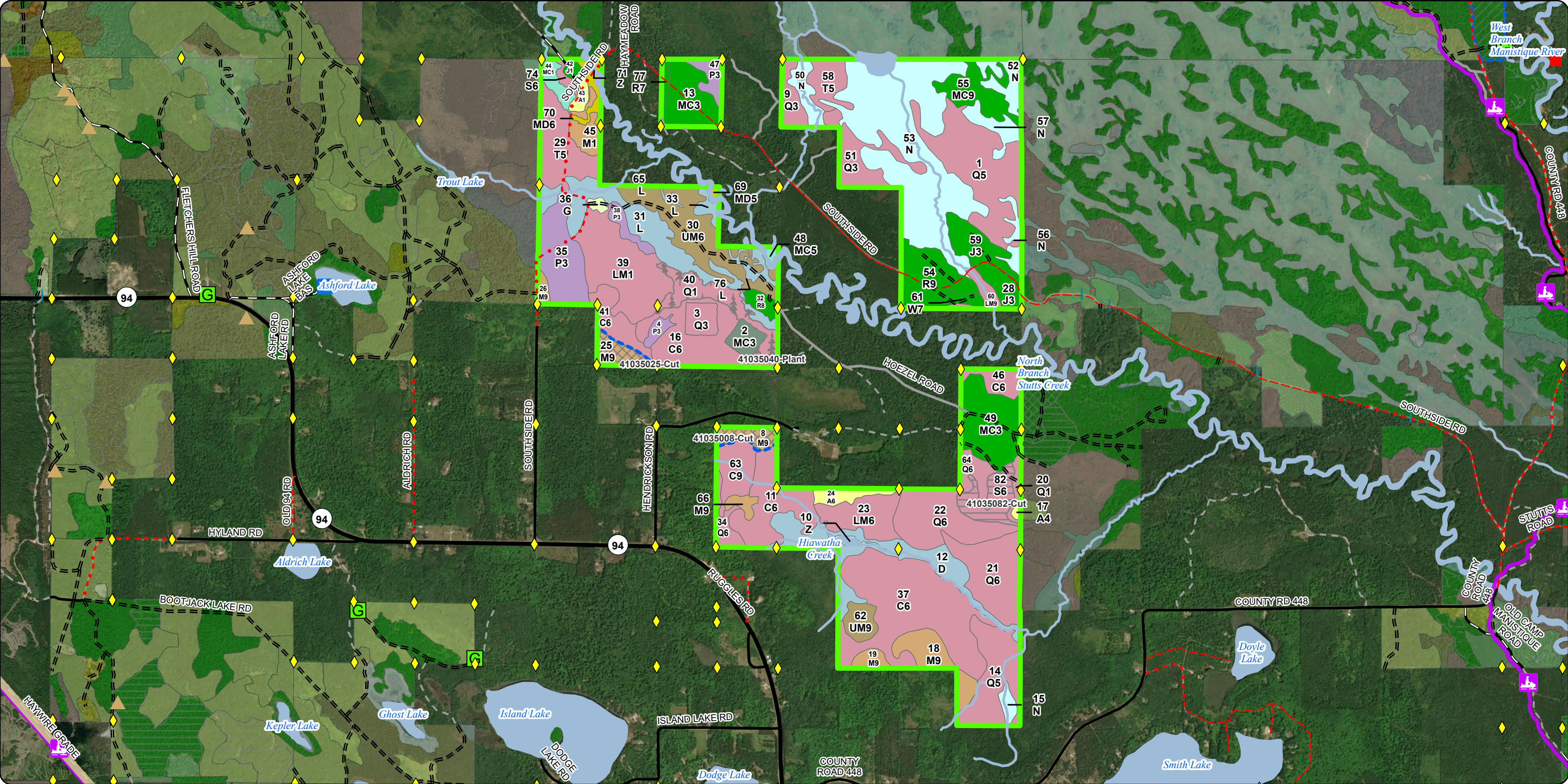
Cover Type & Treatments Map



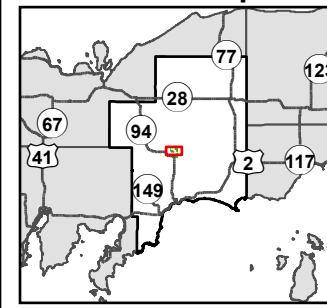
Compartment: 41035
 T44N, R16W, Sec: 1, 2, 11-13
 County: Schoolcraft
 Unit: Shingleton
 Mgmt. Area: Seney Lake Plain
 YOE: 2027
 Acres: 1,589 GIS Calculated
 Examiner: Adam Petrelus
 Date Exported: 2/5/2026
 Map Phase: Post Review



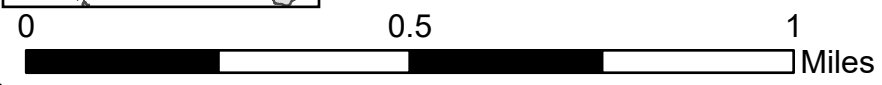
- ◆ Survey Grade Corners
- ▲ Cabin
- ▲ Berm
- G Gate
- Culvert
- Boating Access Site
- DNR - Primary Forest Road
- DNR - Secondary Forest Road
- = = = DNR - Forest Access Route
- Federal / State Highway
- Federal / State / County - Paved Road
- - - County - Gravel Road
- - - County - Dirt Road (Seasonal)
- Private - Paved Road
- - - Private - Dirt / Gravel Road
- Streams
- Lakes and Rivers
- Compartment Boundary
- Clearcut
- Selection
- Planting (tree species)
- Treatments with Site Conditions
- 411 - Northern Hardwood
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 422 - Natural Pines
- 423 - Other Upland Conifers
- 429 - Mixed Upland Conifers
- 430 - Upland Mixed Forest
- 500 - Water
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 310 - Herbaceous Openland
- 622 - Lowland Shrub
- 623 - Emergent Wetland



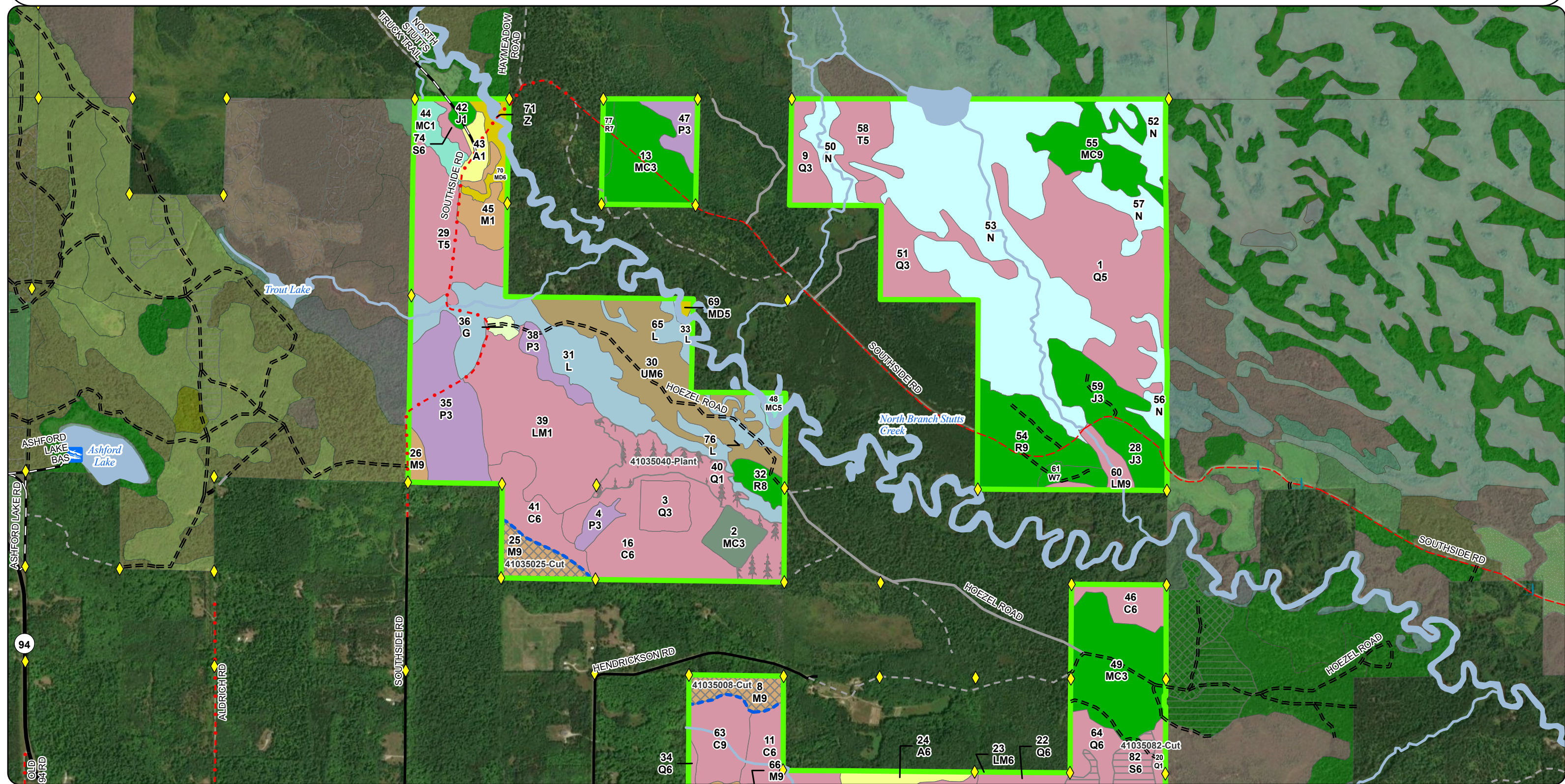
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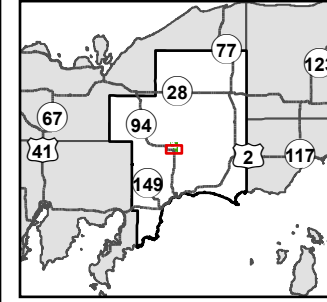
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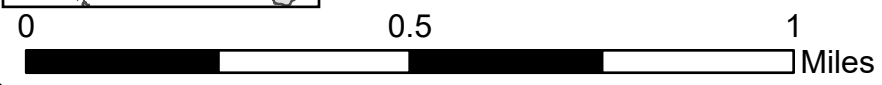
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|---------------------------------------|-------------------------------|---------------------------------|---------------------------------|
| Survey Grade Corners | County - Dirt Road (Seasonal) | Planting (tree species) | 430 - Upland Mixed Forest |
| Culvert | Private - Paved Road | Treatments with Site Conditions | 500 - Water |
| Boating Access Site | Private - Dirt / Gravel Road | 411 - Northern Hardwood | 611 - Lowland Deciduous Forest |
| DNR - Primary Forest Road | Streams | 413 - Aspen | 612 - Lowland Coniferous Forest |
| DNR - Forest Access Route | Lakes and Rivers | 419 - Mixed Upland Deciduous | 613 - Lowland Mixed Forest |
| Federal / State Highway | Compartment Boundary | 422 - Natural Pines | 310 - Herbaceous Openland |
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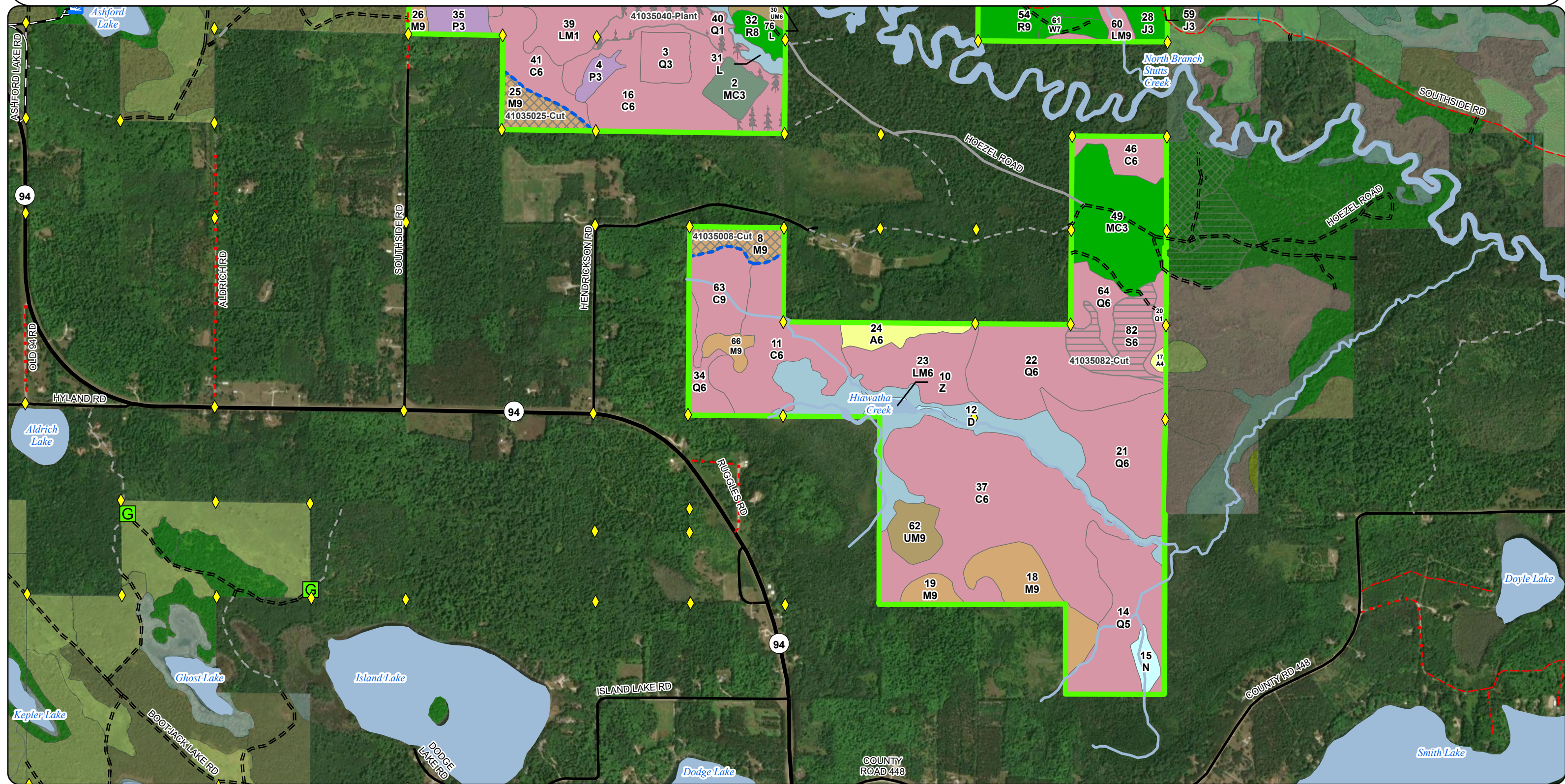
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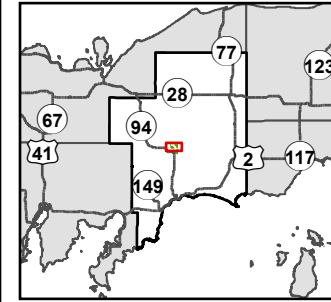
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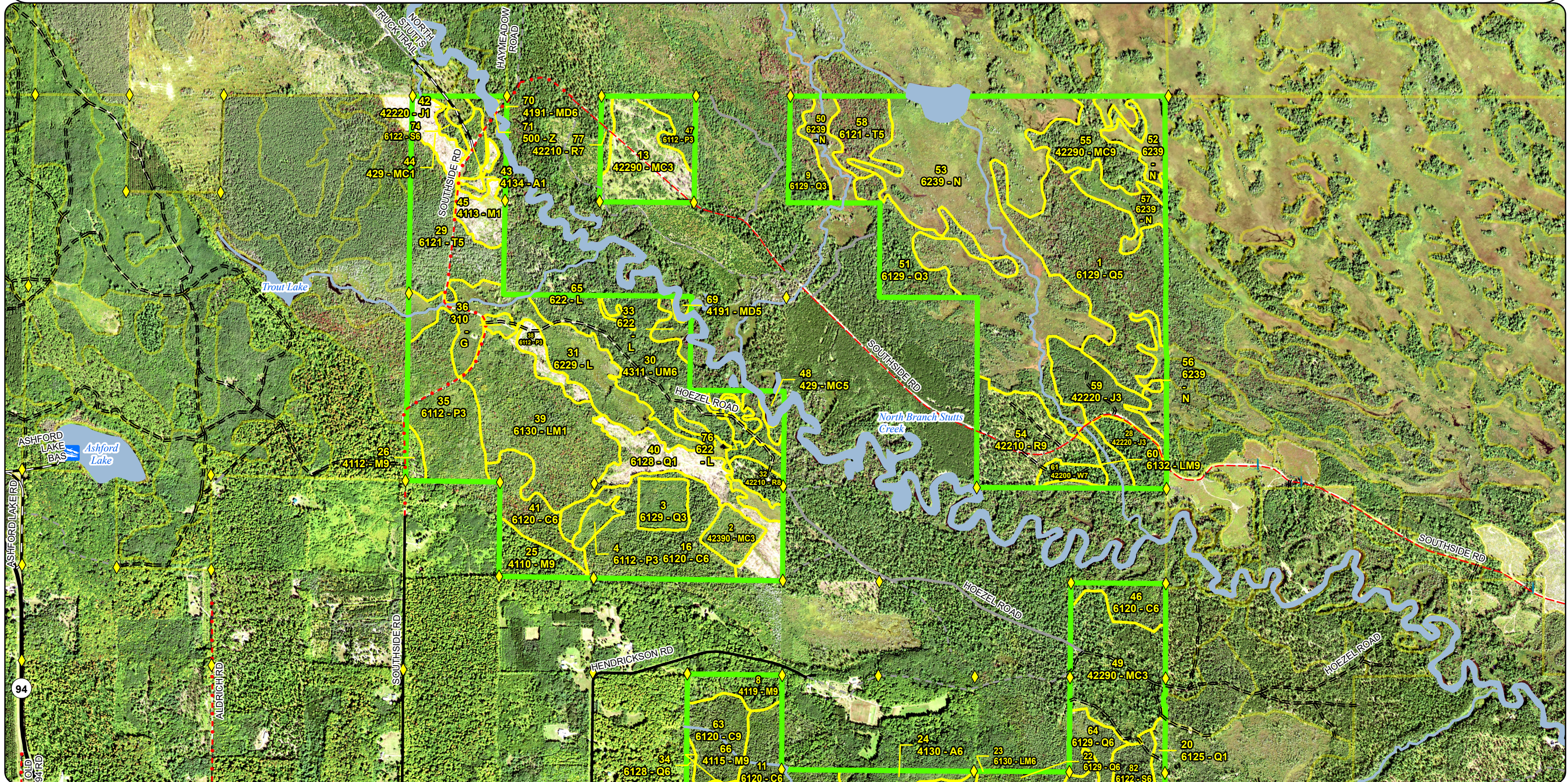
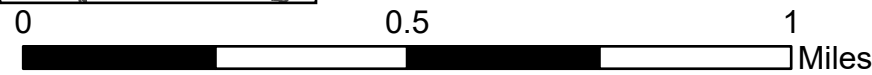
Stand Boundary Map



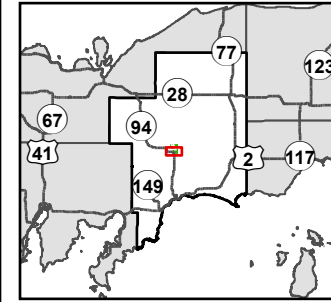
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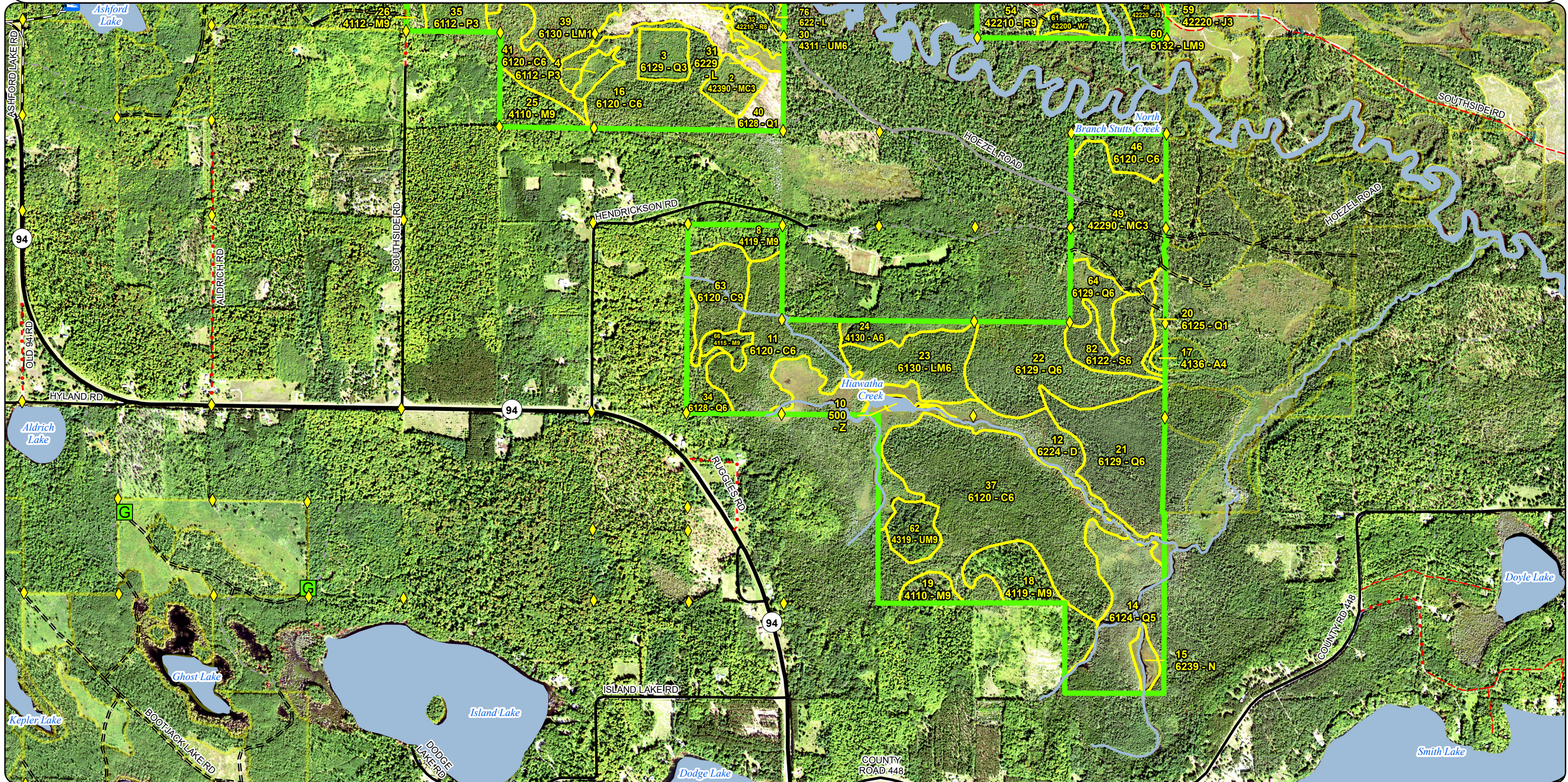
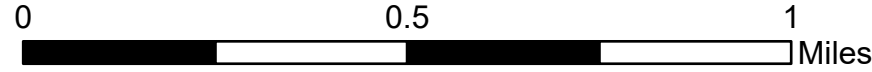
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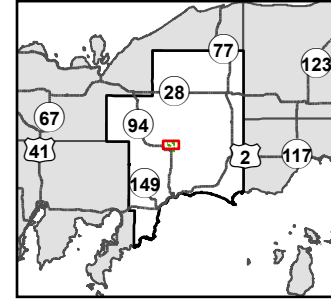
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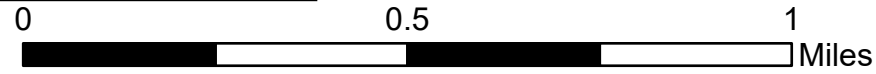
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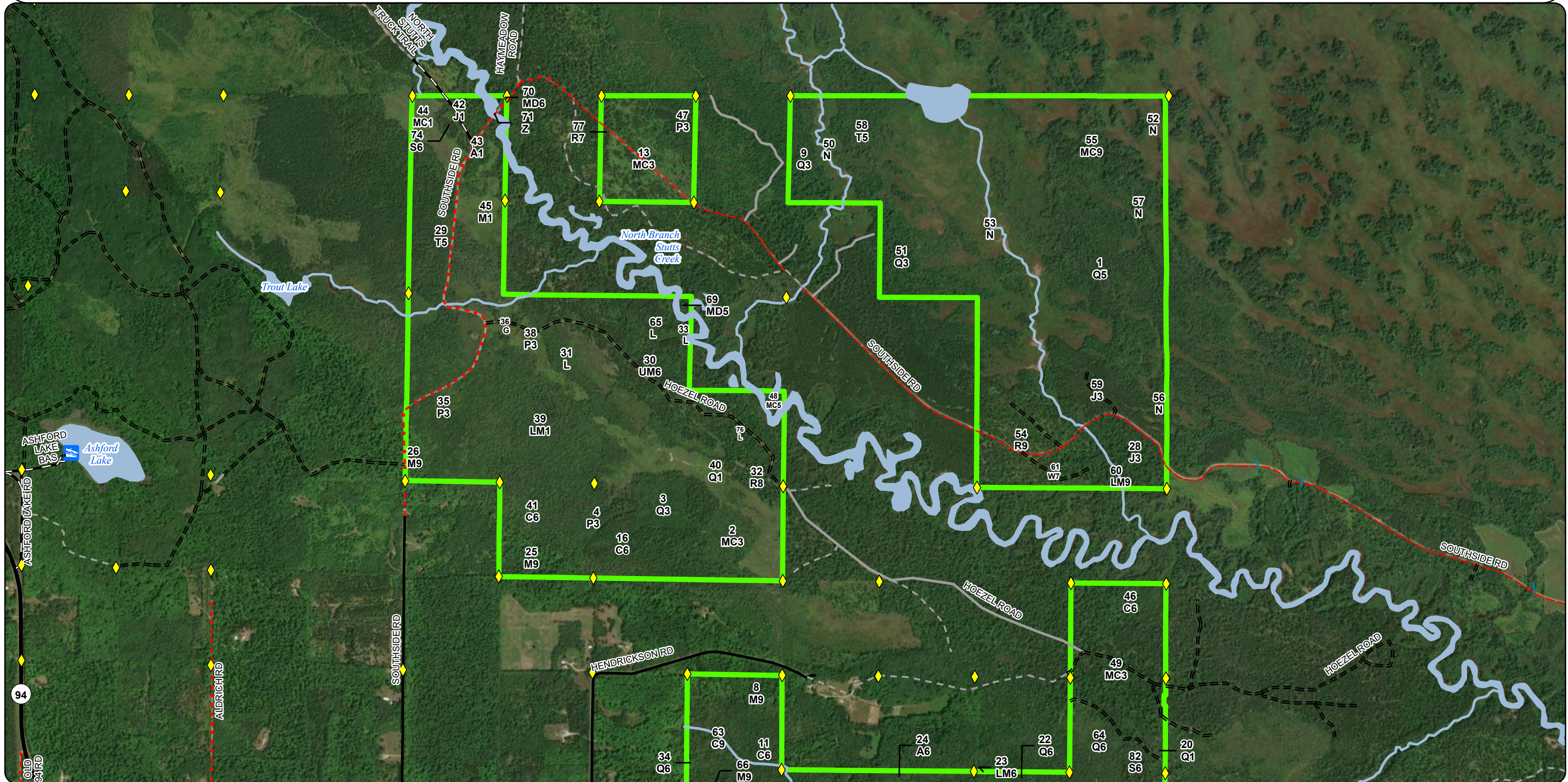
Special Conservation Areas & Site Conditions Map



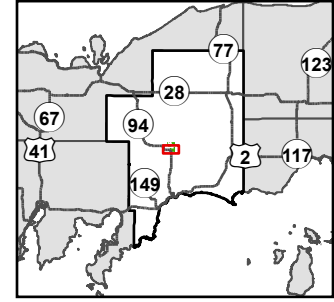
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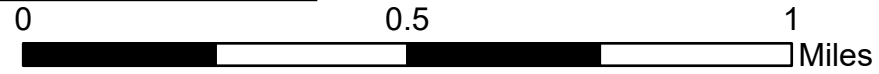
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- Stand Boundaries
- Ecological Reference Areas
- Cold Water Streams
- High Priority Trout Stream Buffer



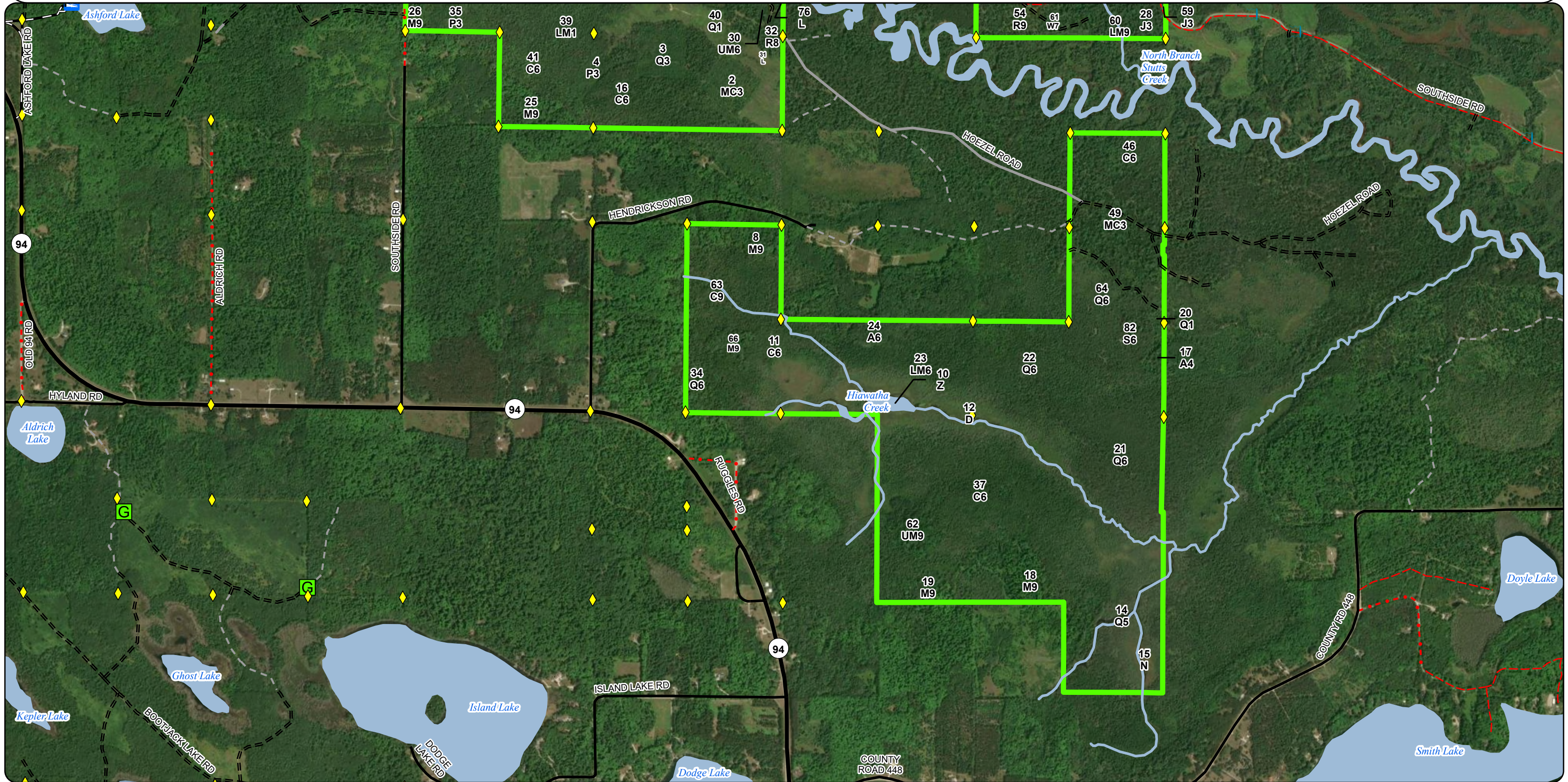
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Adam Petrelius: Examiner

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+	Unseen-Aged	Total
Aspen	0	0	6	1	0	10	0	0	0	0	0	0	0	0	0	0	0	0	17
Cedar	0	0	0	0	0	0	0	0	65	46	13	0	139	0	0	0	0	0	262
Herbaceous Openland	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Jack Pine	0	0	3	0	35	0	0	0	0	0	0	0	0	0	0	0	0	0	37
Lowland Aspen/Balsam Poplar	0	7	0	14	42	0	0	0	0	0	0	0	0	0	0	0	0	0	63
Lowland Conifers	0	32	0	57	0	0	80	0	10	0	155	0	0	0	0	0	0	0	334
Lowland Mixed Forest	0	0	0	0	66	30	0	0	0	8	0	0	0	0	0	0	0	0	104
Lowland Shrub	71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	71
Lowland Spruce/Fir	0	0	0	0	0	0	0	0	0	3	23	0	0	0	0	0	0	0	25
Marsh	218	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	218
Mixed Upland Deciduous	0	0	0	0	0	0	0	1	0	9	0	0	0	0	0	0	0	0	10
Natural Mixed Pines	0	0	0	80	0	0	0	0	0	0	27	0	0	0	0	0	0	0	107
Northern Hardwood	0	12	0	0	0	0	0	0	0	0	59	5	0	0	0	0	0	0	76
Red Pine	0	0	0	0	0	0	0	0	0	7	4	0	0	0	0	0	0	37	48
Tamarack	0	0	0	0	39	0	0	0	0	17	0	0	0	0	0	0	0	0	56
Treed Bog	55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	54
Upland Conifers	0	9	0	10	0	0	3	0	0	0	0	0	0	0	0	0	0	0	22
Upland Mixed Forest	0	0	0	0	59	0	0	0	0	0	12	0	0	0	0	0	0	0	71
Water	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
White Pine	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	6
Total	351	60	9	162	241	40	83	1	75	90	293	11	139	0	0	0	0	37	1588

Report 2 – Treatment Summary

Shingleton Mgt. Unit
Year of Entry: 2027

Acres of Harvest

Compartment 35
Total Compartment Acres: 1,589

Commercial Harvest - 44
Harvests with Site Condition - 50
Next Step Harvest - 0
Habitat Cut - 0

Cover Type by Harvest Method

	Clearcut	Selection	Patch Clearcut	Seed Tree	Shelterwood	Thinning	Overstory Removal	Salvage	Other	Total Acres
Lowland Spruce/Fir	23	0	0	0	0	0	0	0	0	23
Northern Hardwood	0	24	0	0	0	0	0	0	0	24
Total	23	24	0	0	0	0	0	0	0	47

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	47	0	32	0	0	0	0	0	0	79
Next Step	0	0	0	0	0	0	79	0	0	79
Total	47	0	32	0	0	0	79	0	0	158

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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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Approved Treatments:

8	41035008-Cut	11.6	4119 - Mixed Northern Hardwoods	9	96	111- 140	Harvest	Selection	411 - Northern Hardwood	Current	No
<p><u>Prescription</u> Harvest stand with a target residual basal area of 70 sq. ft. Create adequate regeneration gaps. Basal area may need to be lower in areas due to topographical considerations.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Any species on site</p> <p><u>Regen:</u></p> <p><u>Other</u> Verbal permission has been granted for access from Larry Matchinski.</p> <p><u>Comment:</u></p> <p><u>Site Condition:</u> Unknown Access</p> <p><u>Proposed Start Date:</u> 10/01/2026</p>											
25	41035025-Cut	12.6	4110 - Sugar Maple Association	9	92	111- 140	Harvest	Selection	411 - Northern Hardwood	Current	No
<p><u>Prescription</u> Target residual basal area of 80 sq. ft. per acre. Ensure adequate regeneration gaps are created.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> any species onsite</p> <p><u>Regen:</u></p> <p><u>Other</u> Access 20 years ago was through Dan Hendrichen property.</p> <p><u>Comment:</u></p> <p><u>Site Condition:</u> Unknown Access</p> <p><u>Proposed Start Date:</u> 10/01/2026</p>											
40	41035040-Plant	32.1	6128 - Lowland Coniferous, Mixed Deciduous	1	6	1-50	Planting	Planting (tree species)	612 - Lowland Coniferous Forest	Planting Record	No
<p><u>Prescription</u> Stand contains some open upland areas which can be planted with oak.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> all species</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> 10/01/2025</p>											

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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
82 41035082-Cut	22.5	6122 - Black Spruce	6	94	51-80	Harvest	Clearcut	6122 - Black Spruce	Planting Record	No
<p><u>Prescription</u> Cut all trees except hemlock and oak if present. Leave a few pine on the ridges for seed. Exclude some spruce along the edges for retention.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> mixed coniferous and deciduous trees</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> 10/10/2025</p>										

Total Treatment Acreage Proposed: 78.8

Report 4 – Site Conditions

Shingleton Mgt. Unit
Adam Petrelius: Examiner

Compartment: 35
Year of Entry: 2027

Availability for Management

Total Acres	Acres Available	Acres Avail		Dominant Site Conditions	Dominant Site Conditions								
		With Condition	Not Available		2B	2A	2F	2H	3A	3J	5D	5E	
18	18	0	0	Aspen									
260	183	0	77	Cedar		29					48		
2	2	0	0	Herbaceous Openland									
37	37	0	0	Jack Pine									
63	63	0	0	Lowland Aspen/Balsam Poplar									
333	266	0	67	Lowland Conifers		10					45	13	
104	96	0	8	Lowland Mixed Forest							8		
71	71	0	0	Lowland Shrub									
26	23	0	3	Lowland Spruce/Fir									3
218	218	0	0	Marsh									
10	0	0	10	Mixed Upland Deciduous							10		
107	80	0	27	Natural Mixed Pines				27					
59	23	24	12	Northern Hardwood	24	5	7						
16	7	0	9	Red Pine					4	5			
21	0	0	21	Tamarack				17		4			
54	55	0	0	Treed Bog									
22	22	0	0	Upland Conifers									
71	71	0	0	Upland Mixed Forest									
5	5	0	0	Water									
6	6	0	0	White Pine									
1,502	1,244	24	234	Total Forested Acres	24	44	7	44	4	120	13	3	
	83%	2%	16%	Relative Percent									

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

Site No.	Dominant Site Cond Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
1	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	9	Unspecified	Unspecified	Unspecified	Unspecified

Comments:

Report 4 – Site Conditions

Shingleton Mgt. Unit
Adam Petrelius: Examiner

Compartment: 35
Year of Entry: 2027

2	Unavailable	5E: Long-Term Retention	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
3	Unavailable	5D: Unproductive forest land	13	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
4	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	17	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
5	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
6	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	8	3L: Other wildlife concerns	Unspecified	Unspecified	Unspecified
Comments: hemlock, cedar and river buffer							
7	Unavailable	2A: Adjacent landowner denied access	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Stand was a part of Southside Fragments Sale #41-032-17. This stand was left untreated due to landowner denying access.							
8	Unavailable	2F: Too steep	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Shingleton Mgt. Unit
Adam Petrelius: Examiner

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Year of Entry: 2027

9	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	5	Unspecified	<input type="text" value="Unspecified"/>	Unspecified	Unspecified
Comments:							
10	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	45	Unspecified	<input type="text" value="Unspecified"/>	Unspecified	Unspecified
Comments:							
11	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	1	Unspecified	<input type="text" value="Unspecified"/>	Unspecified	Unspecified
Comments:							
12	Unavailable	3A: Conservation values incompatible with harvest at this time	4	Unspecified	<input type="text" value="Unspecified"/>	Unspecified	Unspecified
Comments:							
13	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	27	Unspecified	<input type="text" value="Unspecified"/>	Unspecified	Unspecified
Comments:							
15	Unavailable	5E: Long-Term Retention	1	Unspecified	<input type="text" value="Unspecified"/>	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Shingleton Mgt. Unit
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Year of Entry: 2027

16	Unavailable	2A: Adjacent landowner denied access	29	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
17	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	0	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
18	Unavailable	2A: Adjacent landowner denied access	10	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Stand was a part of Southside Fragments Sale #41-032-17. This stand was left untreated due to landowner denying access.							
19	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	22	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments: Many spring fed seepages and creeks, sometimes going underground, throughout stand.							
20	Unavailable	5E: Long-Term Retention	0	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
21	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
22	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Shingleton Mgt. Unit
Adam Petrelius: Examiner

Compartment: 35
Year of Entry: 2027

23	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
24	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
25	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
26	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
27	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
28	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	13	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Shingleton Mgt. Unit
Adam Petrelius: Examiner

Compartment: 35
Year of Entry: 2027

29	Available	2B: Unknown if access through adjacent landowner(s) is possible	13	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Landowner allowed access 20 years ago. Multiple landowner possibilities exist.							
30	Available	2B: Unknown if access through adjacent landowner(s) is possible	12	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Landowner verbally gave permission, however only 2 small treatments exist within this compartment and other treatment requires landowner permission as well.							

Mgt. Unit

Compartment: #Type!

Year of Entry:

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

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

SCA Name	SCA Category	Detail Type	Recommendation	Acres
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Comments

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																							
1	6129 - Mixed Coniferous Lowland Forest	Poletimber Medium	79.7	51	1-50	N/A																																																								
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2	42390 - Mixed Non-Pine Upland Conifers	Sapling Well	9.9	27	Immature	N/A	This stand is mostly upland, but the low ground has cedar regenerating.																																																							
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3	6129 - Mixed Coniferous Lowland Forest	Sapling Well	11.2	27	Immature	N/A	This block has the best cedar regeneration of the 3 that were cut 15 years ago.																																																							
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4	6112 - Lowland Aspen	Sapling Well	4.8	27	Immature	N/A	Stand was originally a cedar harvest. However it had aspen present and it is now overtopping everything else. There is cedar regeneration present though underneath the aspen.																																																							
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8	4119 - Mixed Northern Hardwoods	Sawtimber Well	11.6	96	111-140	N/A	[8/5/08 BB Stand is now on proposal 41-010-08, "Nutkins Nightmare". Unit 6. Actual stand acres = 10 Residual Basal Area; Red Pine = 1sq ft, hemlock 4 sq ft, sugar maple = 29 sq ft, yellow birch = 2 sq ft, red maple = 8 sq ft, basswood = 10 sq ft, cherry = 6 sq ft, fir = 3 sq ft, white spruce = 2 sq ft, paper birch = 4 sq ft.[6/21/10 bb] Sale is now closed, cut spring 2010, TCR date is 6/17/10. Stand will go on regen timeclock to count at next OI cycle.2014: stand passed regen walkthrough. Gaps had a mixture of aspen and hardwood species.																																																							
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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9	6129 - Mixed Coniferous Lowland Forest	Sapling Well	12.9	26	Immature	N/A	
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Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	10	Sapling	3	
Quaking Aspen	5	Sapling	4	
Black Spruce	40	Sapling	3	26
Northern White Cedar	5	Pole	8	
Tamarack	10	Sapling	3	
White Pine	20	XLog/Log	18	92
Red Pine	10	Log/XLog/Pole	16	

10	500 - Water	None	3.1			No	
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11	6120 - Lowland Cedar	Poletimber Well	45.5	79	111-140	N/A	stand is younger, wetter, and has poorer stocking than cedar to the west
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	5	Sapling/Pole	4		Balsam Fir	Medium	5 - 10 feet	5 - 10 feet
Black Spruce	5	Pole	6		Alder	High	5 - 10 feet	5 - 10 feet
Northern White Cedar	90	Pole	8	79				

12	6224 - Treed Bog	None	54.5			No	
----	------------------	------	------	--	--	----	--

13	42290 - Natural Mixed Pine	Sapling Well	31.7	27	1-50	N/A	Scarified in 1999. 212 red pine, 322 aspen, 264 paper birch, 459 white pine, 582 jack pine.
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Quaking Aspen	20	Sapling	3		Red Pine	Medium	10 - 20 feet	10 - 20 feet
White Pine	20	Sapling	2		Paper Birch	Medium	10 - 20 feet	10 - 20 feet
Red Pine	20	Sapling	2	27	White Pine	Medium	10 - 20 feet	10 - 20 feet
Jack Pine	40	Sapling	3	27	Jack Pine	Medium	10 - 20 feet	10 - 20 feet
					Quaking Aspen	Medium	10 - 20 feet	10 - 20 feet

Stand was cut as part of Southside Fragments Sale #41-032-17. TCR Date 7/13/2021

14	6124 - Lowland Spruce-Fir	Poletimber Medium	44.6	96	51-80	N/A	
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15	6239 - Mixed Emergent Wetland	None	5.0			No	
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16	6120 - Lowland Cedar	Poletimber Well	46.1	87	111-140	N/A	
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black Spruce	15	Pole	7		Black Spruce	Medium	5 - 10 feet	5 - 10 feet
Northern White Cedar	70	Pole	9	87	Northern White Cedar	Medium	5 - 10 feet	5 - 10 feet
Tamarack	15	Pole	7					

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																															
17	4136 - Aspen, Mixed Conifer	Poletimber Poor	1.3	26	1-50	N/A																																																																
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18	4119 - Mixed Northern Hardwoods	Sawtimber Well	24.6	96	81-110	N/A	Stand was cut as part of sale # 41-021-17-01 Two Day Sale. TCR Date 2/25/2019.																																																															
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19	4110 - Sugar Maple Association	Sawtimber Well	6.4	96	81-110	N/A																																																																
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20	6125 - Lowland Black Spruce, Jack Pine	Sapling Poor	5.2	26	1-50	N/A																																																																
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21	6129 - Mixed Coniferous Lowland Forest	Poletimber Well	47.9	94	51-80	N/A	Multiple spruce / tamarack / cedar stands are located in this area which are sub- merchantable or barely merchantable. The stand with the largest diameter (stand 82) is scheduled.																																																															
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22	6129 - Mixed Coniferous Lowland Forest	Poletimber Well	49.4	94	51-80	N/A	Multiple spruce / tamarack / cedar stands are located in this area which are sub- merchantable or barely merchantable. The stand with the largest diameter (stand 82) is scheduled.																																																															
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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23	6130 - Fir, Aspen, Maple	Poletimber Well	29.7	46	1-50	N/A			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple		30	Pole	5	46	Balsam Fir	Medium	5 - 10 feet	5 - 10 feet
Quaking Aspen		20	Pole/Sapling	5	46	Alder	Low	5 - 10 feet	5 - 10 feet
Balsam Fir		10	Pole	5					
Black Spruce		20	Sapling	4					
Tamarack		20	Sapling	4					

24	4130 - Aspen	Poletimber Well	10.1	46	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	Medium	5 - 10 feet	5 - 10 feet
Quaking Aspen		80	Pole	7	46				
Balsam Fir		10	Pole	6					

25	4110 - Sugar Maple Association	Sawtimber Well	12.6	92	111-140	N/A	Stand was harvested 20 years ago.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple		80	Log/Pole/XLog	14	92	Blackberry/Raspberry	Medium	5 - 10 feet	5 - 10 feet
Yellow Birch		10	Log/Pole	12		Beech	Medium	5 - 10 feet	5 - 10 feet
Basswood		5	Log/Pole	12					
Beech		5	Log/Pole	12					

26	4112 - Maple, Beech, Cherry Association	Sawtimber Well	3.8	92	81-110	N/A	Stand was cut as Unit 4 of Southside Fragments Sale #41-032-17. TCR Date 7/13/2021. Treatment was terminated by mistake. Treatment was completed.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple		60	Log/Pole	11	92	Balsam Fir	Medium	10 - 20 feet	10 - 20 feet
Red Maple		40	Log/Pole	11		Beech	Medium	5 - 10 feet	5 - 10 feet
						Sugar Maple	High	10 - 20 feet	10 - 20 feet

28	42220 - Natural Jack Pine	Sapling Well	12.5	37	1-50	N/A	Scarified in 1989. scattered red pine logs in the south		
Canopy Species		% Cover	Size Class	DBH	Age				
Quaking Aspen		10	Pole/Sapling	6					
Black Spruce		5	Pole/Sapling	5					
Red Pine		20	Log	14					
Jack Pine		65	Pole/Sapling	6	37				

29	6121 - Tamarack	Poletimber Medium	38.8	36	1-50	N/A			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Paper Birch		5	Sapling	3		Tamarack	Medium	5 - 10 feet	5 - 10 feet
Black Spruce		20	Sapling	4		Alder	Medium	5 - 10 feet	5 - 10 feet
Northern White Cedar		5	Sapling/Pole	4		Black Spruce	Medium	5 - 10 feet	5 - 10 feet
Tamarack		70	Pole/Sapling	5	36				

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
30	4311 - Pine, Aspen Mix	Poletimber Well	59.0	36	51-80	N/A	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Quaking Aspen		50	Pole/Sapling	5	36	Balsam Fir	
Black Spruce		15	Sapling/Pole	4		Alder	
Jack Pine		35	Pole	5			
						Density	Avg. Height
							Size
31	6229 - Mixed Lowland Shrub	None	57.4			No	
32	42210 - Natural Red Pine	Sawtimber Medium	7.0	81	51-80	N/A	Cut in 2010, Nutkins Nightmare sale, 10-08. Residuals were 35 feet RP and 3 ft WP.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
White Pine		10	Log/XLog	16		White Pine	
Red Pine		90	Log/Pole	11	81	Red Pine	
						Quaking Aspen	
						Red Maple	
						Density	Avg. Height
							Size
33	622 - Lowland Shrub	None	5.4			No	
34	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Well	10.1	78	81-110	N/A	Treatment was terminated and stand was not harvested. Treatment was forwarded to completion stage by mistake.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Red Maple		5	Pole	9		Balsam Fir	
Yellow Birch		5	XLog/Log	18		Red Maple	
Balsam Fir		30	Pole	9	78		
Northern White Cedar		30	Pole	9			
Black Ash		30	Pole	9			
						Density	Avg. Height
							Size
35	6112 - Lowland Aspen	Sapling Well	41.7	36	1-50	N/A	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Paper Birch		10	Sapling/Pole	3		Alder	
Quaking Aspen		55	Sapling/Pole	4	36		
Balsam Fir		15	Sapling/Pole	4			
Black Spruce		10	Sapling	3			
Northern White Cedar		10	Sapling/Pole	3			
						Density	Avg. Height
							Size
36	310 - Herbaceous Openland	None	2.3			No	Stand was cut as part of Southside Fragments Sale #41-032-17
37	6120 - Lowland Cedar	Poletimber Well	117.8	111	111-140	N/A	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Black Spruce		20	Pole	8		Balsam Fir	
Northern White Cedar		80	Pole	9	111		
						Density	Avg. Height
							Size

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
38	6112 - Lowland Aspen	Sapling Well	7.4	5	1-50	N/A	Stand was cut as part of Southside Fragments Sale #41-032-17. TCR Date 7/13/2021
Canopy Species		% Cover	Size Class	DBH	Age		
Red Maple		20	Sapling	1			
Quaking Aspen		40	Sapling	1	5		
Balsam Poplar		30	Sapling	1			
Balsam Fir		10	Sapling	1			
39	6130 - Fir, Aspen, Maple	Sapling Poor	65.9	31	1-50	N/A	Stand was flooded by beaver activity in past. Resulting stand is a sparse canopy in patches over thick alderSpruce budworm was evaluated (SBW), and it was decided to not cut this stand due to lack of volume and wet soils.
Canopy Species		% Cover	Size Class	DBH	Age		
Quaking Aspen		50	Sapling	3	31		
Balsam Fir		20	Sapling	3			
Northern White Cedar		10	Pole/Sapling	7			
Tamarack		20	Sapling	3			
Sub-Canopy Species		Density	Avg. Height	Size			
Alder		High	5 - 10 feet	5 - 10 feet			
40	6128 - Lowland Coniferous, Mixed Deciduous	Sapling Poor	32.1	6	1-50	N/A	Harvested with Southside fragments sale in winter 2019
Canopy Species		% Cover	Size Class	DBH	Age		
Red Maple		10	Sapling	1			
Bigtooth Aspen		10	Sapling	1			
Black Spruce		30	Sapling	1	6		
Tamarack		40	Sapling	1	6		
Jack Pine		10	Sapling	1			
Sub-Canopy Species		Density	Avg. Height	Size			
Tag Alder		Medium	5 - 10 feet	5 - 10 feet			
41	6120 - Lowland Cedar	Poletimber Well	19.2	77	81-110	N/A	Stand looks slightly different on the photo compared to the adjacent cedar stand. It has a component of aspen and birch which is dying and sparse. not enough aspen/birch volume present to harvest.
Canopy Species		% Cover	Size Class	DBH	Age		
Paper Birch		10	Log/Pole	12			
Quaking Aspen		10	Log/Pole	12			
Black Spruce		10	Pole	8			
Northern White Cedar		70	Pole	8	77		
Sub-Canopy Species		Density	Avg. Height	Size			
Black Spruce		Medium	5 - 10 feet	5 - 10 feet			
42	42220 - Natural Jack Pine	Sapling Poor	2.9	16	Immature	N/A	Stand was scarified in 2010 and passed the regen counts in 2013.
Canopy Species		% Cover	Size Class	DBH	Age		
Red Pine		10	Log/Pole	12			
Jack Pine		90	Sapling	3	16		
43	4134 - Aspen, Spruce/Fir	Sapling Poor	6.1	16	1-50	N/A	Cut in spring 2010, Nutkins Nightmare sale.
Canopy Species		% Cover	Size Class	DBH	Age		
Red Maple		10	Sapling	2			
Quaking Aspen		60	Sapling	2	16		
Balsam Fir		10	Sapling	2			
Black Spruce		10	Sapling	2			
Tamarack		10	Sapling	2			

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																														
44	429 - Mixed Upland Conifers	Sapling Poor	8.7	5	1-50	N/A	Stand was cut as part of Southside Fragments Sale #41-032-17. TCR Date 7/13/2021																														
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Jack Pine	30	Sapling	1																																		
45	4113 - R.Maple, Conifer	Sapling Poor	12.4	5	1-50	N/A	Stand was cut as part of Southside Fragments Sale #41-032-17. TCR Date 7/13/2021																														
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47	6112 - Lowland Aspen	Sapling Well	9.4	27	Immature	N/A																															
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48	429 - Mixed Upland Conifers	Poletimber Medium	3.1	51	81-110	N/A																															
49	42290 - Natural Mixed Pine	Sapling Well	48.2	28	1-50	N/A	Stand is covered under FTP-861, stand may have been scarified but there is no record. Stand was counted in 2002 , 680 jack pine per acre, 364 red pine per acre, 624 white pine and aspen per acre, stand is fully regenerated and the FTP was closed with a blanket letter. about 10 ft of red pine / white pine logs are present																														
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Red Pine	30	Sapling	3																																		
Jack Pine	40	Sapling	3	28																																	
50	6239 - Mixed Emergent Wetland	None	12.3			No	OPIC - FMD: OI Stand Year Origin was																														

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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51	6129 - Mixed Coniferous Lowland Forest	Sapling Well	27.8	26	Immature	N/A																																									
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Red Pine	10	Log/XLog/Pole	16																																												

52	6239 - Mixed Emergent Wetland	None	14.8			No	
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53	6239 - Mixed Emergent Wetland	None	164.9			No	
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54	42210 - Natural Red Pine	Sawtimber Well	36.6	92	81-110	N/A	3 distinct age classes of red pine present. 1/6/2020: Stand was cut as part of sale #41-031-17-01 Grindstone Creek. TCR Date 11/8/2019. NW portion was excluded since it was younger jack pine but not large enough to be a seperate stand.																																					
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Red Pine	90	Log/Pole	10	92	White Pine	Medium		10 - 20 feet	10 - 20 feet																																			
					Jack Pine	Medium	10 - 20 feet	10 - 20 feet																																				

55	42290 - Natural Mixed Pine	Sawtimber Well	27.0	96	81-110	N/A																																																							
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Jack Pine	5	Pole	8																																																										

56	6239 - Mixed Emergent Wetland	None	8.6			No	
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57	6239 - Mixed Emergent Wetland	None	12.1			No	
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58	6121 - Tamarack	Poletimber Medium	17.3	89	1-50	N/A																
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Black Spruce	20	Pole/Sapling	5																			
Tamarack	80	Pole/Sapling	5	89																		

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments		
59	42220 - Natural Jack Pine	Sapling Well	22.0	37	51-80	N/A	Scarified in 1989. scattered red pine logs in the south		
Canopy Species		% Cover	Size Class	DBH	Age				
Quaking Aspen		10	Pole/Sapling	6					
Black Spruce		5	Pole/Sapling	5					
Red Pine		5	Log	14					
Jack Pine		80	Pole/Sapling	6	37				
60	6132 - Mixed Lowland Forest with Cedar	Sawtimber Well	8.0	82	81-110	N/A			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple		45	Log/Pole	10	82	Alder	Medium	5 - 10 feet	5 - 10 feet
Northern White Cedar		20	Pole	9		Red Maple	Medium	10 - 20 feet	10 - 20 feet
Hemlock		35	Log/Pole/XLog	14					
61	42200 - Natural White Pine	Sawtimber Poor	5.5	102	51-80	N/A	Cut in 2010, Nutkins Nightmare sale. Residuals were 20 white pine, 4 red pine, 14 hemlock.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Pine		60	Log/XLog	16	102	White Pine	Medium	< 5 feet	< 5 feet
Red Pine		10	Log	14		Red Pine	Medium	< 5 feet	< 5 feet
Hemlock		30	Log	12		Black Spruce	Medium	< 5 feet	< 5 feet
						Red Maple	Medium	5 - 10 feet	5 - 10 feet
62	4319 - Mixed Upland Forest	Sawtimber Well	11.8	96	81-110	N/A			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple		45	Log/Pole/XLog	16	96	Balsam Fir	Medium	5 - 10 feet	5 - 10 feet
Quaking Aspen		10	Log/Pole	16					
Balsam Fir		20	Pole	8					
Black Spruce		10	Pole	9					
Northern White Cedar		15	Log/Pole	12					
63	6120 - Lowland Cedar	Sawtimber Well	21.6	111	111-140	N/A			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir		5	Pole	6		Alder	Low	5 - 10 feet	5 - 10 feet
Black Spruce		5	Pole	8		Balsam Fir	Low	5 - 10 feet	5 - 10 feet
Northern White Cedar		90	Log/Pole	10	111	Sugar Maple	Medium	5 - 10 feet	5 - 10 feet
						Paper Birch	Medium	5 - 10 feet	5 - 10 feet
						Black Spruce	Low	5 - 10 feet	5 - 10 feet
						Quaking Aspen	Medium	5 - 10 feet	5 - 10 feet
64	6129 - Mixed Coniferous Lowland Forest	Poletimber Well	12.5	94	1-50	N/A	low volume, poor site.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Blue Spruce		100	Pole/Sapling	5	94	Black Spruce	Medium	5 - 10 feet	5 - 10 feet
65	622 - Lowland Shrub	None	1.2			No			

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																		
66	4115 - Y.Birch, Hemlock NH	Sawtimber Well	5.1	102	81-110	N/A	Treatment was terminated and stand was not harvested. Treatment was forwarded to completion stage by mistake.																																																		
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69	4191 - Mixed Upland Deciduous with Conifer	Poletimber Medium	1.1	62	51-80	N/A																																																			
70	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	8.7	82	81-110	N/A																																																			
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71	500 - Water	None	2.0			No																																																			
74	6122 - Black Spruce	Poletimber Well	3.2	81	81-110	N/A																																																			
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77	42210 - Natural Red Pine	Sawtimber Poor	3.6	92	51-80	N/A	Scarified in 1999. 212 red pine, 322 aspen, 264 paper birch, 459 white pine, 582 jack pine.																																																		
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
82	6122 - Black Spruce	Poletimber Well	22.5	94	51-80	N/A	Black spruce are 2 to 4 sticks tall.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black Spruce	85	Pole/Sapling	7	94	Black Spruce	Medium	5 - 10 feet	5 - 10 feet
White Pine	5	Log/Pole/XLog	14					
Red Pine	5	Log/Pole/XLog	14					
Jack Pine	5	Pole	8					