



Compartment Review Presentation

Shingleton Forest Management Unit

Compartment 41035

Entry Year 2027

Acreage: 1,630

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:

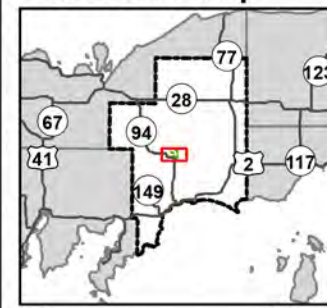
The following reports from the Inventory are attached:

- 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:

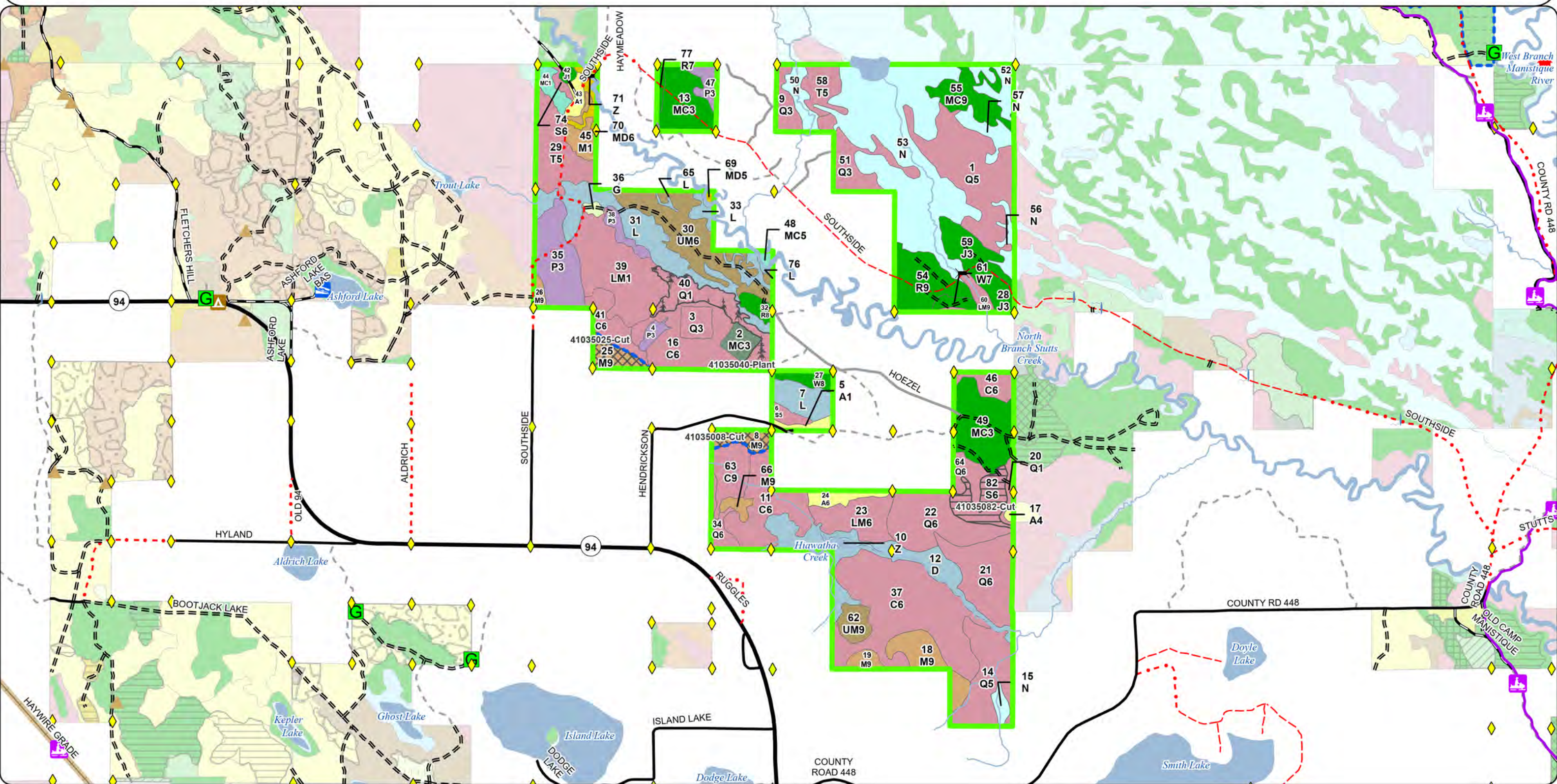
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

Cover Type & Treatments Map

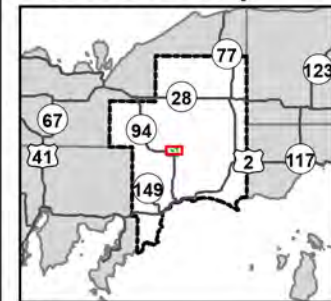


Compartment: 41035
T44N, R16W, Sec: 1, 2, 11-13
County: Schoolcraft
Unit: Shingleton
Mgmt. Area: Seney Lake Plain
YOE: 2027
Acres: 1,630 GIS Calculated
Examiner: Adam Petrelius
Date Exported: 07/30/2025
Map Phase: Web Post

- | | | | | |
|--|---|---|--|--|
| <ul style="list-style-type: none">Survey Grade CornersCabinBermsGateBoating Access SiteBridgesCulvertCampground | <ul style="list-style-type: none">Designated ORV RoutesDesignated Snowmobile TrailsDNR - Primary Forest RoadDNR - Secondary Forest RoadDNR - Forest Access RouteFederal / State HighwayFederal / State / County - Paved RoadCounty - Gravel Road | <ul style="list-style-type: none">County - Dirt Road (Seasonal)Private - Paved RoadPrivate - Dirt / Gravel RoadIntermittent StreamPerennial RiverLakes and RiversCountiesCompartment BoundaryClearcut | <ul style="list-style-type: none">SelectionPlanting (tree species)Treatments with Site Conditions411 - Northern Hardwood413 - Aspen419 - Mixed Upland Deciduous422 - Natural Pines423 - Other Upland Conifers429 - Mixed Upland Conifers | <ul style="list-style-type: none">430 - Upland Mixed Forest500 - Water611 - Lowland Deciduous Forest612 - Lowland Coniferous Forest613 - Lowland Mixed Forest310 - Herbaceous Openland622 - Lowland Shrub623 - Emergent Wetland |
|--|---|---|--|--|



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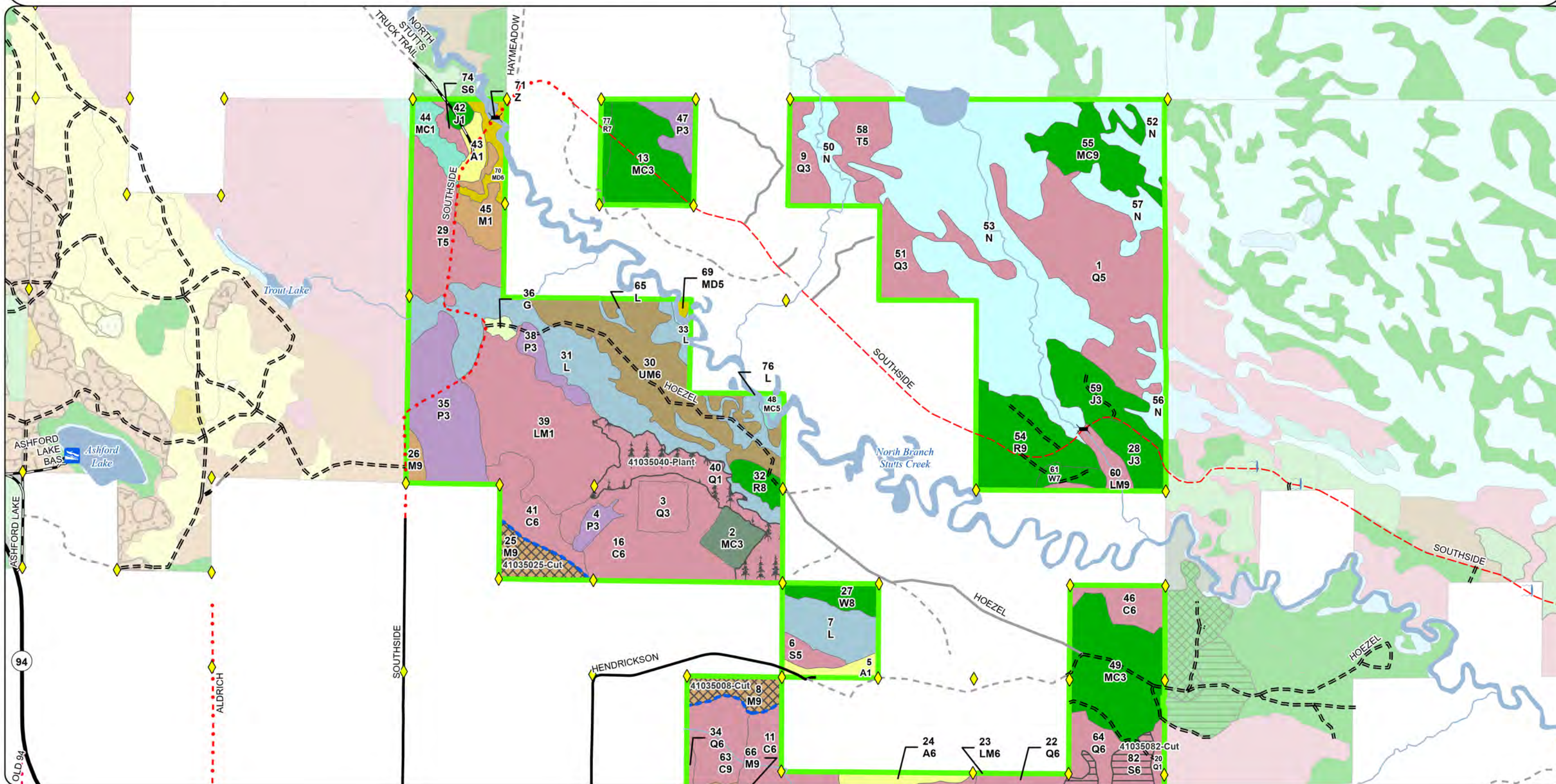
- Survey Grade Corners
- Boating Access Site
- Bridges
- Culvert

- DNR - Primary 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
- Intermittent Stream
- Perennial River
- Lakes and Rivers
- Counties
- 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
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Cover Type & Treatments Map



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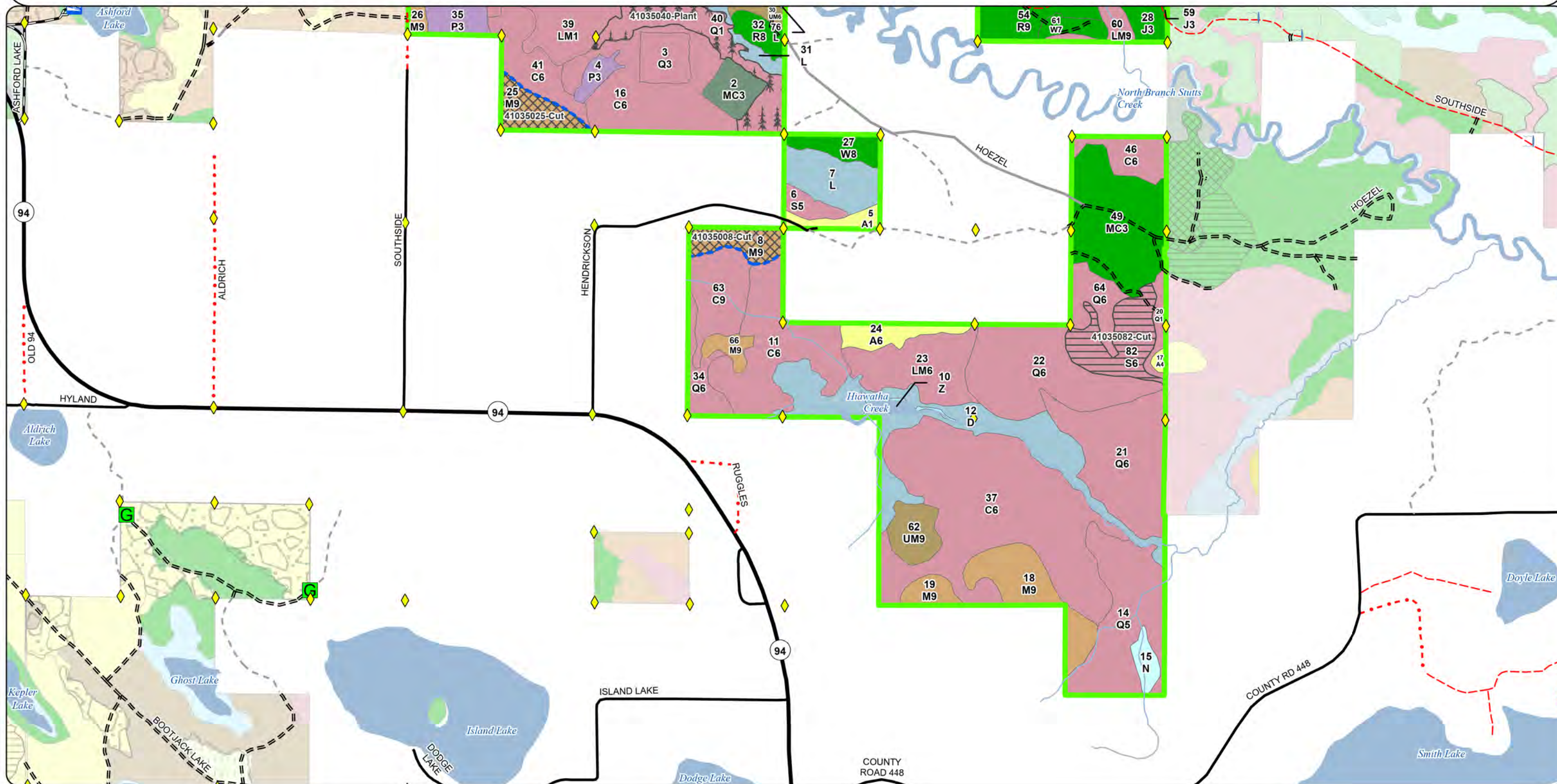
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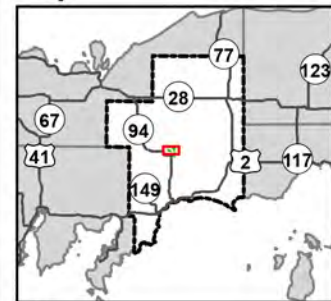
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Stand Boundary Map



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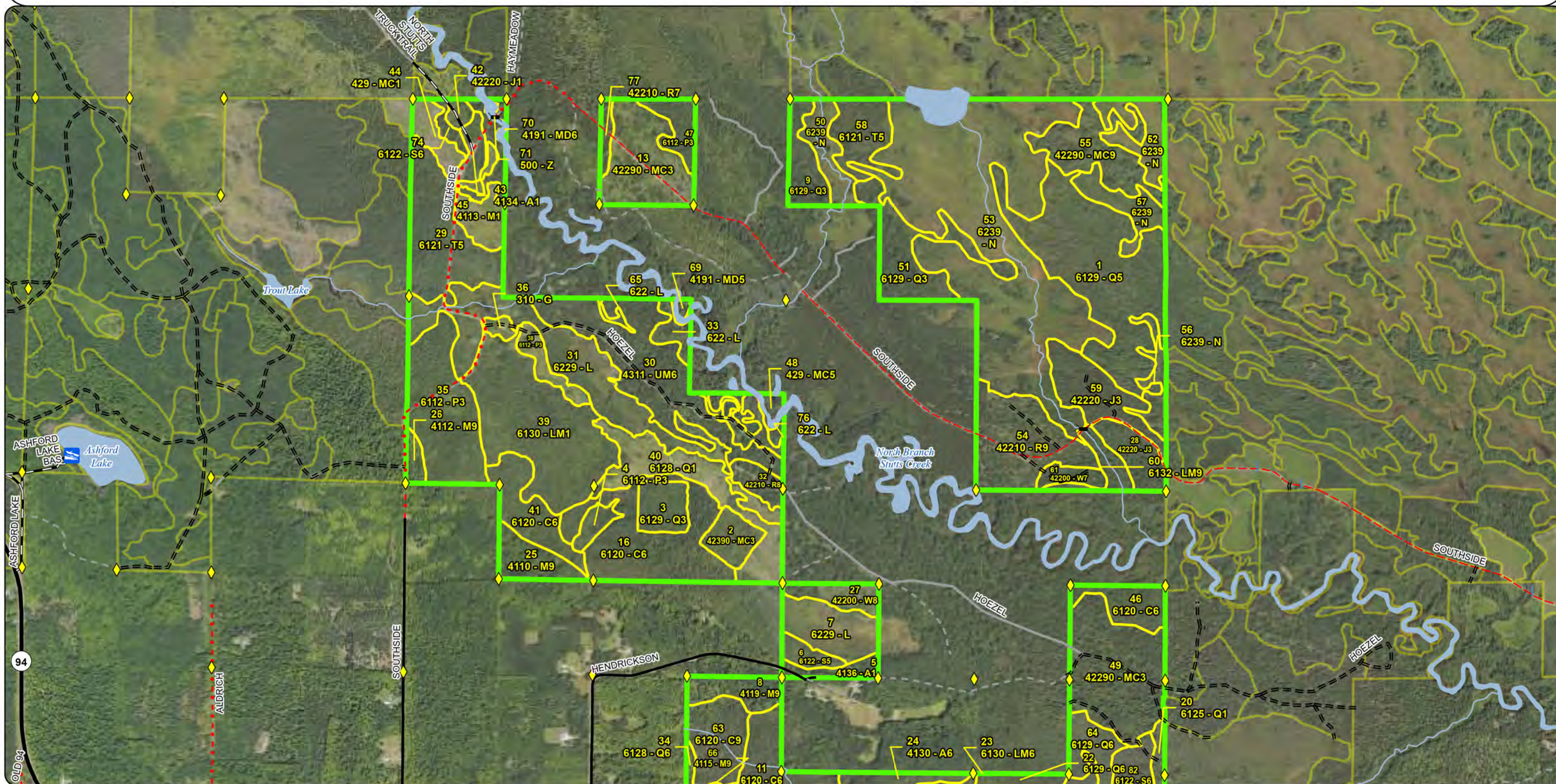
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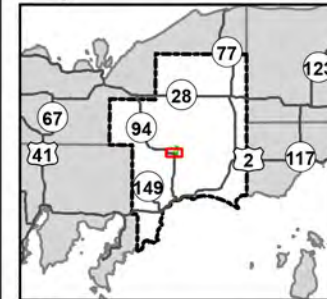
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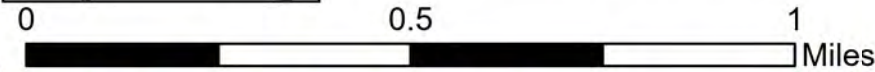
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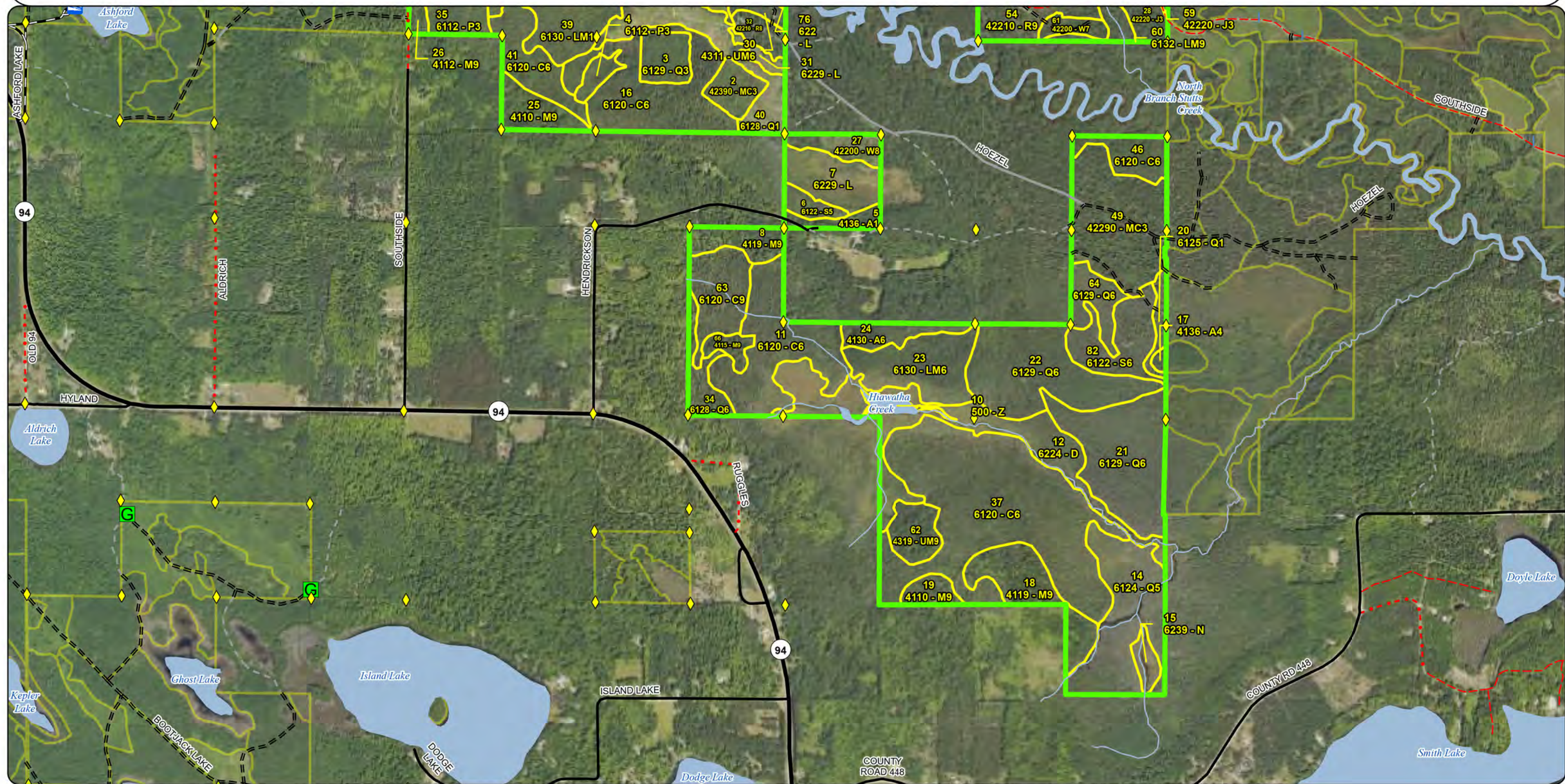


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Special Conservation Areas & Site Conditions Map

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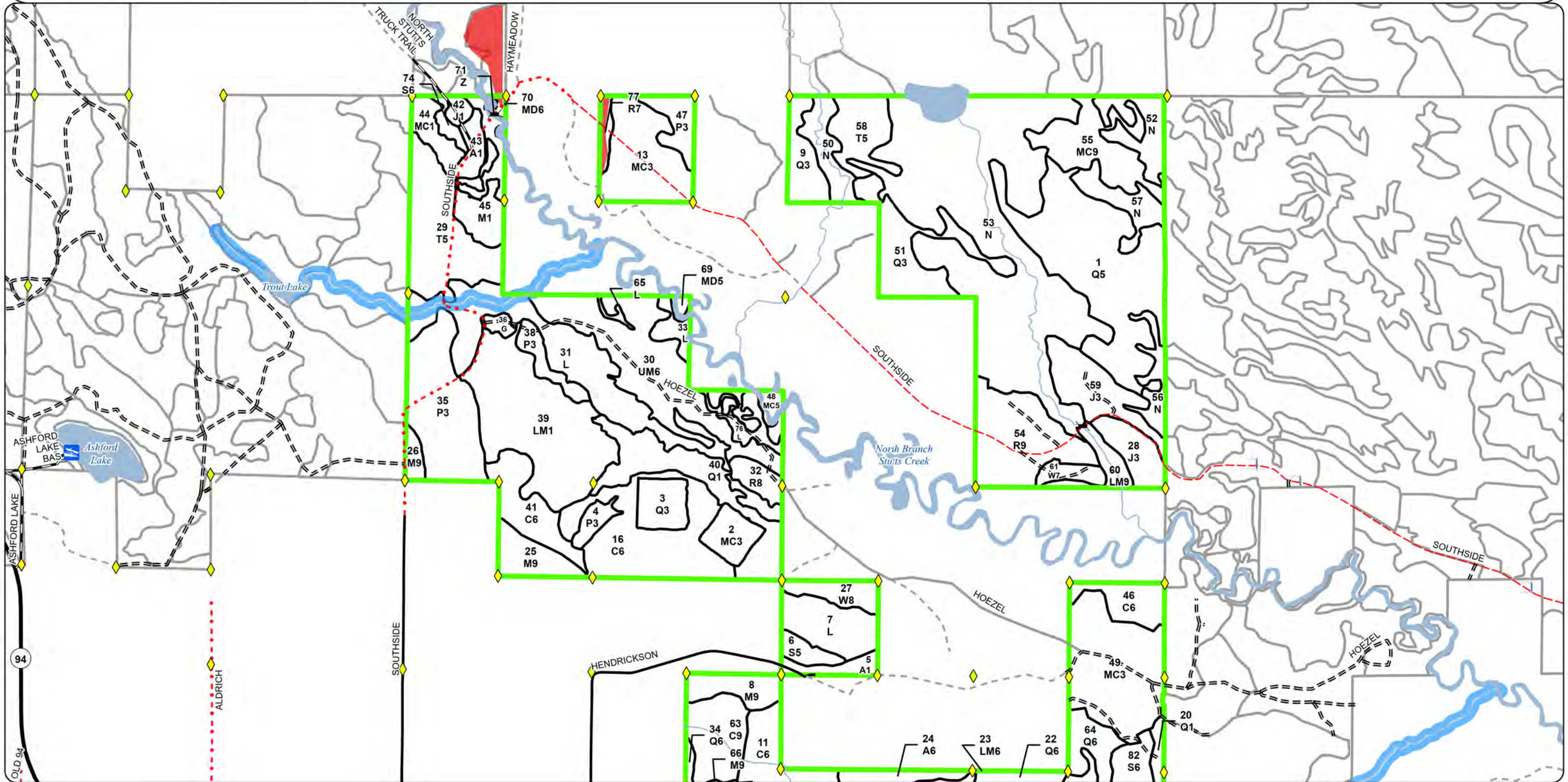


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- Compartment Boundary
- Stand Boundaries
- Ecological Reference Areas
- Cold Water Streams
- High Priority Trout Stream Buffer



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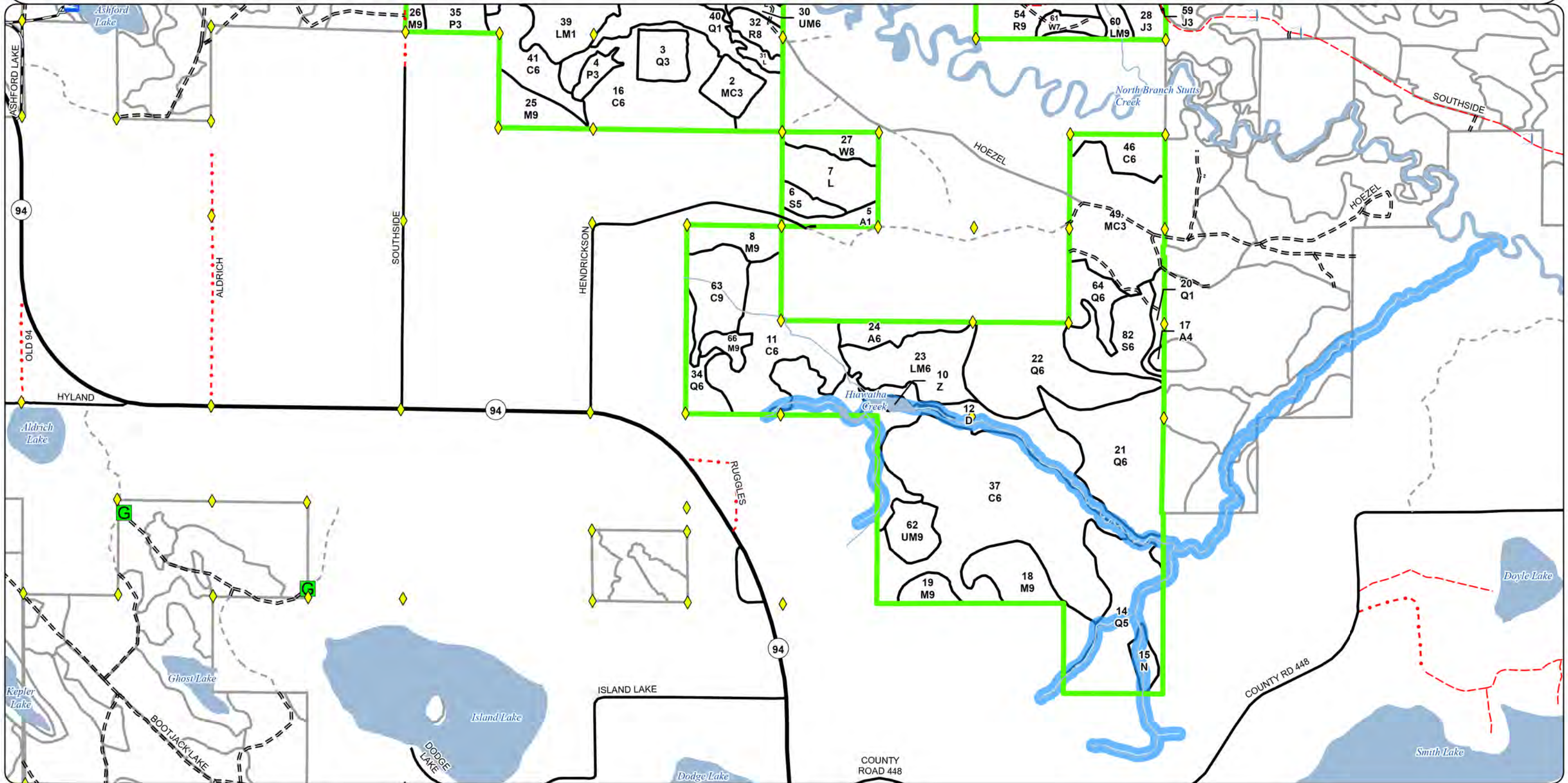


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- Stand Boundaries
- Cold Water Streams
- High Priority Trout Stream Buffer



Report 1 – Total Acres by Cover Type and Age Class

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+	Uneven-Aged	Total
Aspen	0	0	12	1	0	10	0	0	0	0	0	0	0	0	0	0	0	0	23
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	91	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	91
Lowland Spruce/Fir	0	0	0	0	0	0	0	0	0	9	23	0	0	0	0	0	0	0	31
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	9	0	6	0	0	0	0	0	0	15
Total	371	60	15	162	241	40	83	1	75	105	293	11	139	0	0	0	0	37	1629



Report 2 – Treatment Summary

Shingleton Mgt. Unit
Year of Entry: 2027

Acres of Harvest

Compartment 35
Total Compartment Acres: 1,630

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



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:

8	41035008-Cut	11.6	4119 - Mixed Northern Hardwoods	9	95	111- 140	Harvest	Selection	411 - Northern Hardwood	Current	No
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Prescription 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.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Any species on site

Regen:

Other Verbal permission has been granted for access from Larry Matchinski.

Comment:

Site Condition: Unknown Access

Proposed Start Date: 10/01/2026

25	41035025-Cut	12.6	4110 - Sugar Maple Association	9	91	111- 140	Harvest	Selection	411 - Northern Hardwood	Current	No
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Prescription Target residual basal area of 80 sq. ft. per acre. Ensure adequate regeneration gaps are created.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable any species onsite

Regen:

Other Access 20 years ago was through Dan Hendrichen property.

Comment:

Site Condition: Unknown Access

Proposed Start Date: 10/01/2026

40	41035040-Plant	32.1	6128 - Lowland Coniferous, Mixed Deciduous	1	5	1-50	Planting	Planting (tree species)	612 - Lowland Coniferous Forest	Planting Record	No
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Prescription Stand contains some open upland areas which can be planted with oak.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable all species

Regen:

Other

Comment:

Site Condition:

Proposed Start Date: 10/01/2025

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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
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82	41035082-Cut	22.5	6122 - Black Spruce	6	93	51-80	Harvest	Clearcut	6122 - Black Spruce	Planting Record	No
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Prescription 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.
Specs:
Next Step Monitoring, Natural Regen (Re-Inventory)
Treatments:
Acceptable mixed coniferous and deciduous trees
Regen:
Other
Comment:
Site Condition:
Proposed Start Date: 10/10/2025

Total Treatment
 Acreage Proposed: 78.8



Availability for Management

Total Acres Acres Available Acres With Condition Acres Not Available

Dominant Site Conditions

2B 2A 2F 2G 2H 3A 3J 5D 5E

24	24	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		
91	91	0	0	Lowland Shrub									
28	23	0	5	Lowland Spruce/Fir				2					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									
15	15	0	0	White Pine									
1,539	1,279	24	236	Total Forested Acres	24	44	7	2	44	4	120	13	3
	83%	2%	15%	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		3J: Water quality/BMPs (stream, river, or lake)	9	Unspecified	Unspecified	Unspecified	Unspecified
Comments:								

Report 4 – Site Conditions



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

Compartment: 35
Year of Entry: 2027



9	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
10	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	45	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
11	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
12	Unavailable	3A: Conservation values incompatible with harvest at this time	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
13	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	27	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
14	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
This stand was not harvested due to wet soils. Producer could not operate.							

Report 4 – Site Conditions

Shingleton Mgt. Unit
Adam Petrelius: Examiner

Compartment: 35
Year of Entry: 2027



15	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
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:							

Report 4 – Site Conditions



22	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
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
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	50	1-50	N/A																																														
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Red Pine</td><td>10</td><td></td><td>14</td><td></td><td>Tag Alder</td><td>Medium</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Tamarack</td><td>40</td><td>Sapling</td><td>5</td><td>50</td><td>Tamarack</td><td>Medium</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>Black Spruce</td><td>40</td><td>Sapling</td><td>5</td><td>50</td><td>Black Spruce</td><td>Medium</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>White Pine</td><td>10</td><td></td><td>16</td><td></td><td></td><td></td><td></td><td></td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	Red Pine	10		14		Tag Alder	Medium	5 - 10 feet	5 - 10 feet	Tamarack	40	Sapling	5	50	Tamarack	Medium	10 - 20 feet	10 - 20 feet	Black Spruce	40	Sapling	5	50	Black Spruce	Medium	5 - 10 feet	5 - 10 feet	White Pine	10		16					
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Black Spruce	40	Sapling	5	50	Black Spruce	Medium	5 - 10 feet	5 - 10 feet																																												
White Pine	10		16																																																	
2	42390 - Mixed Non-Pine Upland Conifers	Sapling Well	9.9	26	Immature	N/A	This stand is mostly upland, but the low ground has cedar regenerating.																																													
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Jack Pine</td><td>20</td><td>Log</td><td>2</td><td></td></tr><tr><td>Balsam Fir</td><td>20</td><td>Log</td><td>2</td><td></td></tr><tr><td>Tamarack</td><td>15</td><td>Log</td><td>2</td><td></td></tr><tr><td>Black Spruce</td><td>25</td><td>Log</td><td>2</td><td>26</td></tr><tr><td>Northern White Cedar</td><td>10</td><td>Log</td><td>2</td><td></td></tr><tr><td>Quaking Aspen</td><td>10</td><td>Log</td><td>2</td><td></td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	Jack Pine	20	Log	2		Balsam Fir	20	Log	2		Tamarack	15	Log	2		Black Spruce	25	Log	2	26	Northern White Cedar	10	Log	2		Quaking Aspen	10	Log	2											
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Quaking Aspen	10	Log	2																																																	
3	6129 - Mixed Coniferous Lowland Forest	Sapling Well	11.2	26	Immature	N/A	This block has the best cedar regeneration of the 3 that were cut 15 years ago.																																													
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Black Spruce</td><td>20</td><td>Log</td><td>2</td><td></td></tr><tr><td>Northern White Cedar</td><td>45</td><td>Log</td><td>2</td><td>26</td></tr><tr><td>Balsam Fir</td><td>20</td><td>Log</td><td>2</td><td></td></tr><tr><td>Tamarack</td><td>15</td><td>Log</td><td>2</td><td></td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	Black Spruce	20	Log	2		Northern White Cedar	45	Log	2	26	Balsam Fir	20	Log	2		Tamarack	15	Log	2																					
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Tamarack	15	Log	2																																																	
4	6112 - Lowland Aspen	Sapling Well	4.8	26	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.																																													
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Northern White Cedar</td><td>10</td><td>Sapling</td><td>7</td><td></td><td>Northern White Cedar</td><td>Medium</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Quaking Aspen</td><td>90</td><td>Log</td><td>3</td><td>26</td><td>Balsam Fir</td><td>Medium</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	Northern White Cedar	10	Sapling	7		Northern White Cedar	Medium	5 - 10 feet	5 - 10 feet	Quaking Aspen	90	Log	3	26	Balsam Fir	Medium	5 - 10 feet	5 - 10 feet																		
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Quaking Aspen	90	Log	3	26	Balsam Fir	Medium	5 - 10 feet	5 - 10 feet																																												
5	4136 - Aspen, Mixed Conifer	Sapling Poor	6.1	15	1-50	N/A	cut with Nutkins Nightmare Sale. Residual was 27 hemlock. SW corner was left because it was inoperable.																																													
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Quaking Aspen</td><td>70</td><td>Log</td><td>2</td><td>15</td></tr><tr><td>Balsam Fir</td><td>10</td><td>Log</td><td>2</td><td></td></tr><tr><td>Hemlock</td><td>20</td><td></td><td>9</td><td></td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	70	Log	2	15	Balsam Fir	10	Log	2		Hemlock	20		9																										
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Hemlock	20		9																																																	
6	6122 - Black Spruce	Poletimber Medium	5.5	81	51-80	N/A	part of an optional unit that was partially cut with the Nutkins Nightmare sale last year of entry. This portion was not harvested because it was too wet.																																													
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>White Pine</td><td>20</td><td></td><td>9</td><td></td><td>Black Spruce</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Red Pine</td><td>10</td><td>Seedling</td><td>9</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Black Spruce</td><td>70</td><td>Sapling</td><td>6</td><td>81</td><td></td><td></td><td></td><td></td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	White Pine	20		9		Black Spruce	Low	5 - 10 feet	5 - 10 feet	Red Pine	10	Seedling	9						Black Spruce	70	Sapling	6	81													
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Black Spruce	70	Sapling	6	81																																																
7	6229 - Mixed Lowland Shrub	None	19.8			No																																														



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																						
8	4119 - Mixed Northern Hardwoods	Sawtimber Well	11.6	95	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.																																																						
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Basswood</td><td>15</td><td></td><td>12</td><td></td></tr><tr><td>Balsam Fir</td><td>5</td><td>Seedling</td><td>6</td><td></td></tr><tr><td>Black Cherry</td><td>10</td><td></td><td>12</td><td></td></tr><tr><td>Sugar Maple</td><td>40</td><td></td><td>12</td><td>95</td></tr><tr><td>Red Maple</td><td>15</td><td></td><td>12</td><td></td></tr><tr><td>Paper Birch</td><td>5</td><td></td><td>9</td><td></td></tr><tr><td>White Spruce</td><td>5</td><td></td><td>10</td><td></td></tr><tr><td>Hemlock</td><td>5</td><td></td><td>16</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		Basswood	15		12		Balsam Fir	5	Seedling	6		Black Cherry	10		12		Sugar Maple	40		12	95	Red Maple	15		12		Paper Birch	5		9		White Spruce	5		10		Hemlock	5		16		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Balsam Fir</td><td>Medium</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Beech</td><td>Medium</td><td>< 5 feet</td><td>< 5 feet</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Medium	5 - 10 feet	5 - 10 feet	Beech	Medium	< 5 feet	< 5 feet
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10	500 - Water	None	3.1			No																																																							
11	6120 - Lowland Cedar	Poletimber Well	45.5	78	111-140	N/A	stand is younger, wetter, and has poorer stocking than cedar to the west																																																						
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12	6224 - Treed Bog	None	54.5			No																																																							
13	42290 - Natural Mixed Pine	Sapling Well	31.7	26	1-50	N/A	Scarified in 1999. 212 red pine, 322 aspen, 264 paper birch, 459 white pine, 582 jack pine. Stand was cut as part of Southside Fragments Sale #41-032-17. TCR Date 7/13/2021																																																						
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Jack Pine	Medium	10 - 20 feet	10 - 20 feet																																																										
14	6124 - Lowland Spruce-Fir	Poletimber Medium	44.6	95	51-80	N/A																																																							





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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																						
71	500 - Water	None	2.0			No																																																							
74	6122 - Black Spruce	Poletimber Well	3.2	80	81-110	N/A																																																							
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Black Spruce	100	Seedling	7	80																																																									
76	622 - Lowland Shrub	None	7.2			No																																																							
77	42210 - Natural Red Pine	Sawtimber Poor	3.6	91	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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82	6122 - Black Spruce	Poletimber Well	22.5	93	51-80	N/A	Black spruce are 2 to 4 sticks tall.																																																						
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