Compartment Review Presentation

Baraga Forest Management Unit

Compartment 11074
Entry Year 2025
Acreage: 1,247
County Keweenaw
Management Area: Keweenaw

Stand Examiner: Brad Carlson

Legal Description:

T55N, R31W, Section 18, 20 Houghton County, Torch Lake Township
T56N, R31W, Section 5, 28, 33, 34 Keweenaw County, Sherman Township
T57N, R31W, Section 32, 33 Keweenaw County, Sherman Township

Identified Planning Goals:

Central Keweenaw (4.7)
To maintain a healthy; sustainable forest with special consideration to wildlife habitat, fisheries habitat, and recreational needs while protecting the watersheds for Thayer's Lake, Rice Lake, Little Rice Lake, Traverse River and Lake Superior.

Soil and topography:

The terrain is level to rolling. The lands around Lake Superior is a dune-swale complex. Soils are: Lupton, Tawas, Tawas-Deford complex, Croswell-Au Gres complex, Garlic-Alcona complex, Munising-Skanee complex, Skanee-Gay complex, Croswell, Au Gres, Deford muck, Croswell-Au Gres sands, Au Gres-Kinross complex, Deer Park sand, Dawson-Kinross complex, Cathro, Dawson, Greenwood, Loxley, Rubicon-Croswell complex, Au Gres-Deford-Croswell comples, Munising-Abbaye-Yalmer complex.

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

The compartment is surrounded by large industrial land owners and small private owners. The land use is predominantly for timber with the exception of the lands around Rice Lake which have several seasonal cottages and a few year round residence.

Unique Natural Features:

Dune-Swale complex and Lake Superior Shoreline.

Archeological, Historical, and Cultural Features:

None Identified.

Special Management Designations or Considerations:

None Identified.

Watershed and Fisheries Considerations:

There are water access sites on Thayer's and Rice Lakes. Traverse River, Camp Creek, Finns Creek and Tobacco River flows through this compartment. The rivers and creeks listed here are all native brook trout streams.

Wildlife Habitat Considerations:

This compartment is found in the Central Keweenaw Management Area. This area is mostly on Beach Ridge and Dunes in northern Houghton and southern Keweenaw Counties. The dominant Natural Community is mesic northern forest. Major forest cover types include Upland Spruce-fir, Lowland Brush, and Paper Birch. The most significant wildlife management issues in the management area are: hard and soft mast; habitat fragmentation; mature forest (upland deciduous, especially aspen and mixed forest with little understory); course woody debris; and deer wintering complexes. In addition the protection of thermal cover in the 5 Mile Point Deeryard is considered a high priority.

The following have been identified, as featured species for the Central Keweenaw Management Area:
Black Bear, Northern Goshawk, and White-Tailed Deer.

Mineral Resource and Development Concerns and/or Restrictions

Surface sediments consist of lacustrine (lake) sand and gravel and coarse-textured glacial till in T57N-R31W. The glacial drift thickness varies between 10 and 50 feet in Keweenaw Co. and 50 to 100 feet in Houghton Co. The Precambrian Jacobsville Sandstone subcrops below the glacial drift in all areas. The Jacobsville was previously used as a building stone. There has been minimal sand & gravel mining activity in this area. There may be limited potential for sand & gravel in places, but demand is generally low. No known potential exists for metallic minerals in this area, and no State mineral leasing activity currently exists. No potential exists for economic oil and gas production in the UP. The State does not own all the mineral rights within the compartment. Because the mineral estate is the dominant estate, reasonable access to the

surface must be provided to private owners if they choose to explore or develop their mineral rights.

Vehicle Access:

Access to the Thayer's Lake parcel is by a woods road that the state has an easement. The Gay-Lake Linden road provides access to the Traverse River parcel. There is an access road to the Rice Lake access site as well as a county road passing through state land south of Rice Lake and Little Rice Lake. There is no formal access to the Lake Superior Parcel.

Survey Needs:

Survey corners are needed around Rice Lake.

Recreational Facilities and Opportunities:

There is a snowmobile trail that crosses the Traverse River and Lake Superior parcels. There are access sites on Thayer's and Rice Lakes

Fire Protection:

The majority of the compartment is not within a fire prone area with the exception of the parcels around Rice lake and Little Rice Lake. These areas have timber types that susceptible to large fires if the conditions are right.

Additional Compartment Information:

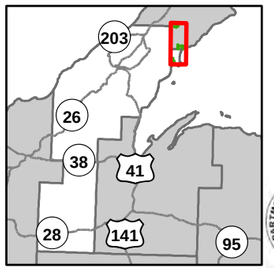
The following reports from the Inventory are attached:

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



N

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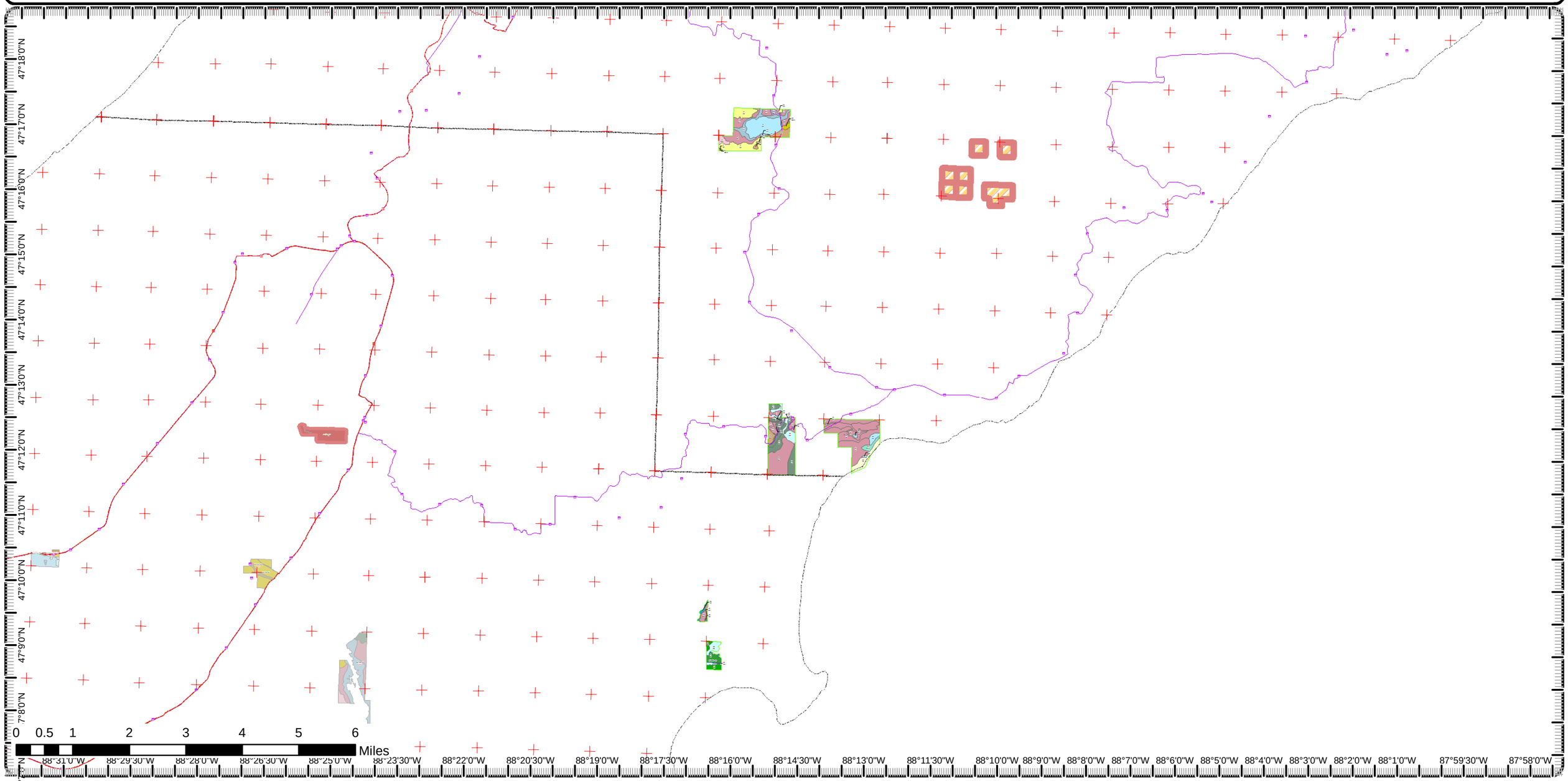
T56N,R31W, Sec: 5, 28, 33, 34
T55N,R31W, Sec: 18, 20
County: Keweenaw
Unit: Baraga
Mgmt Area: Keweenaw
YOE: 2025
Acres: 1246.5 GIS Calculated
Examiner: Brad Carlson
Map Revised: 8/2/2023
Map Phase: Post Review

- Miris Corners
- Counties
- Snowmobile Trails
- Designated Snowmobile Trails
- Compartment Boundary
- Treatments with Site Conditions
- Thinning (Crown, Low, Systematic)
- 411 - Northern Hardwood
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 422 - Natural Pines
- 423 - Other Upland Conifers
- 429 - Mixed Upland Conifers
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 122 - Roads/Parking Lot
- 310 - Herbaceous Openland
- 500 - Water
- 622 - Lowland Shrub
- 623 - Emergent Wetland
- 629 - Mixed Non-forested Wetland
- 710 - Sand/Soil



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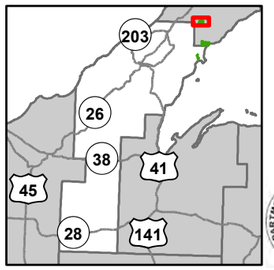

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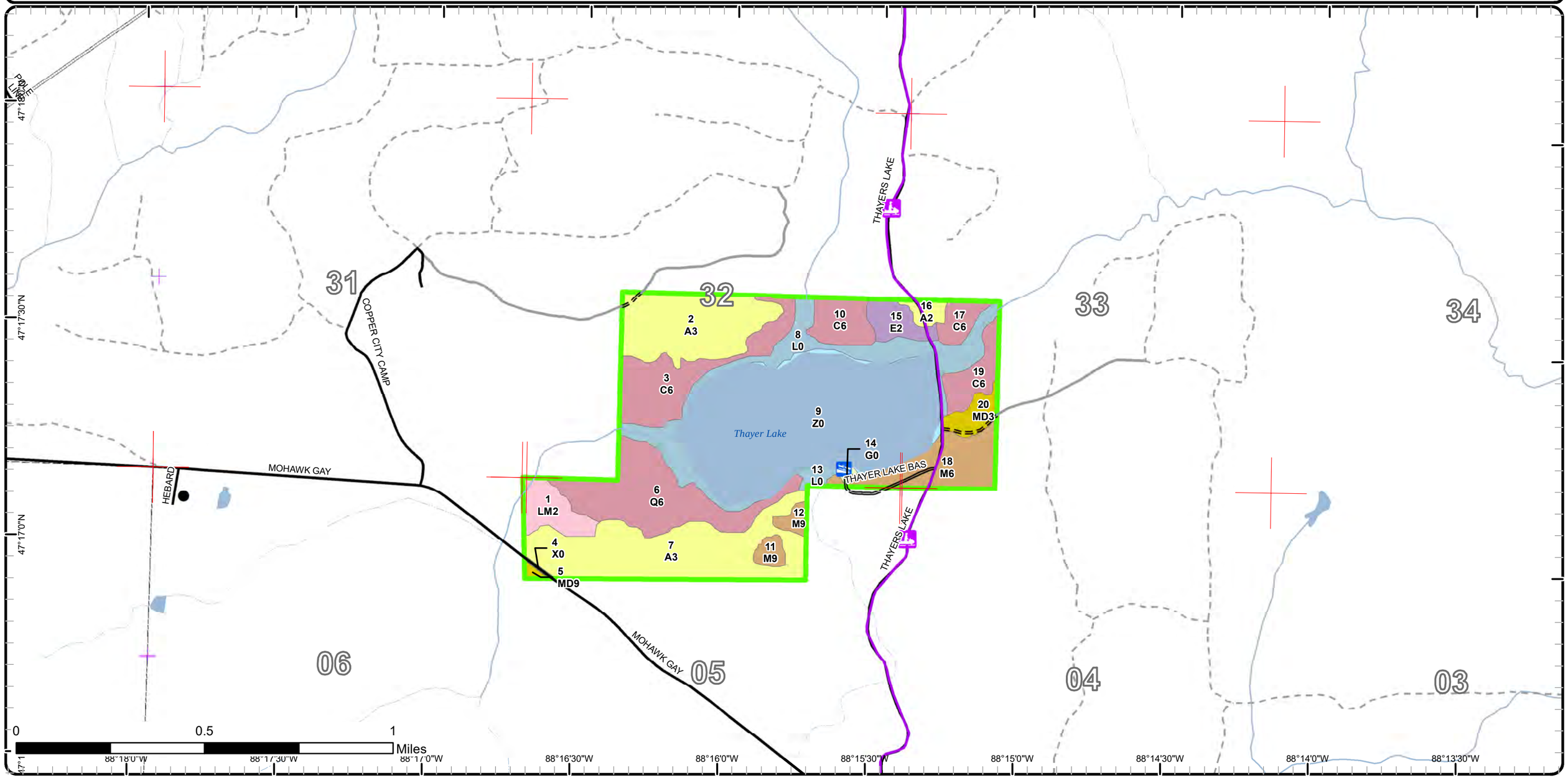

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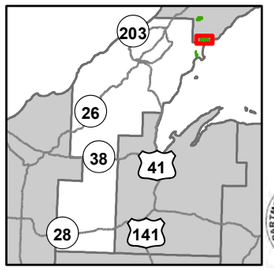

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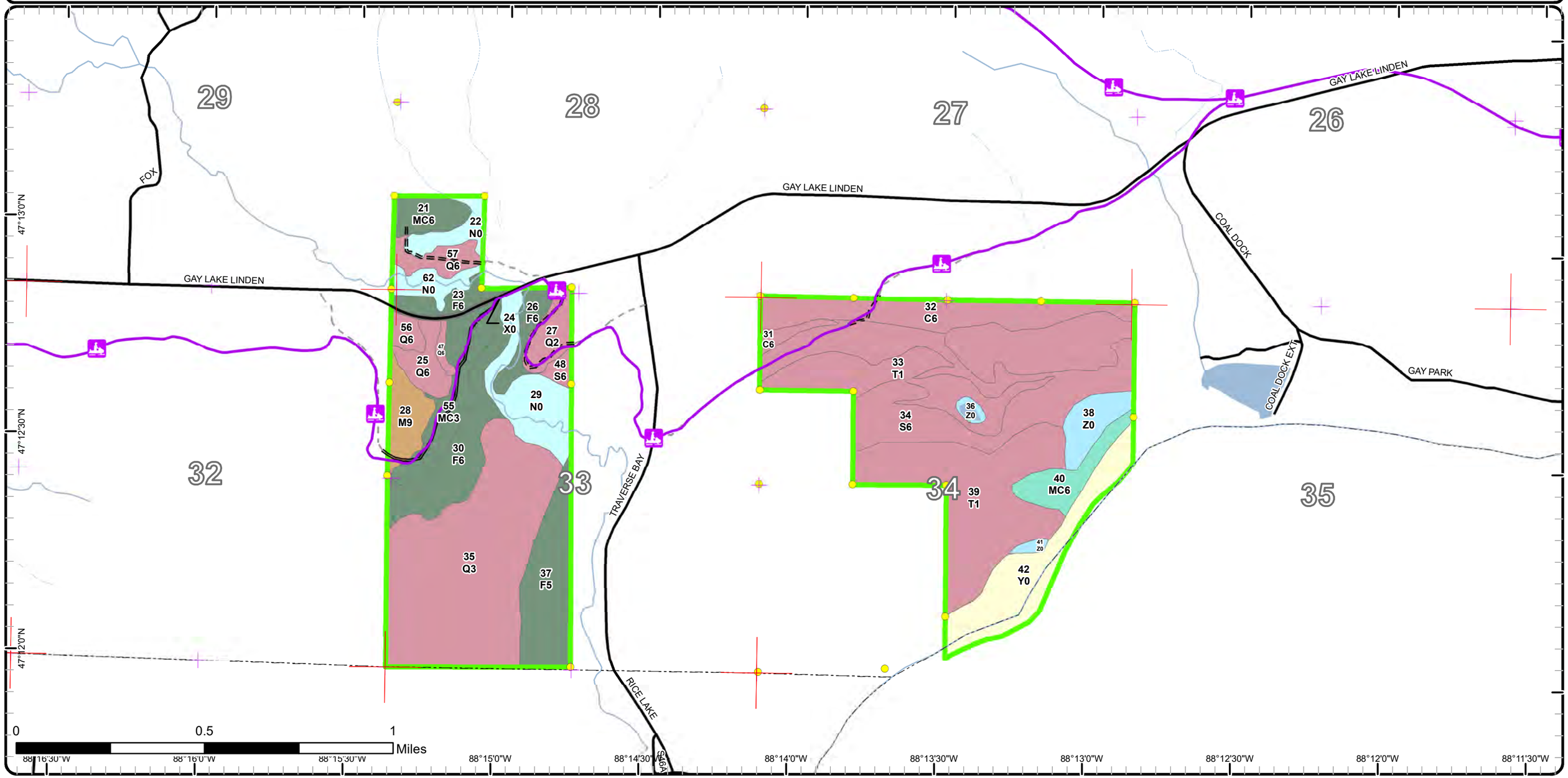

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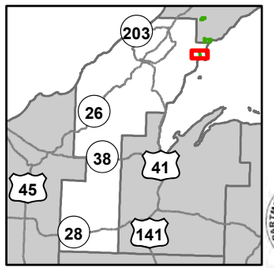

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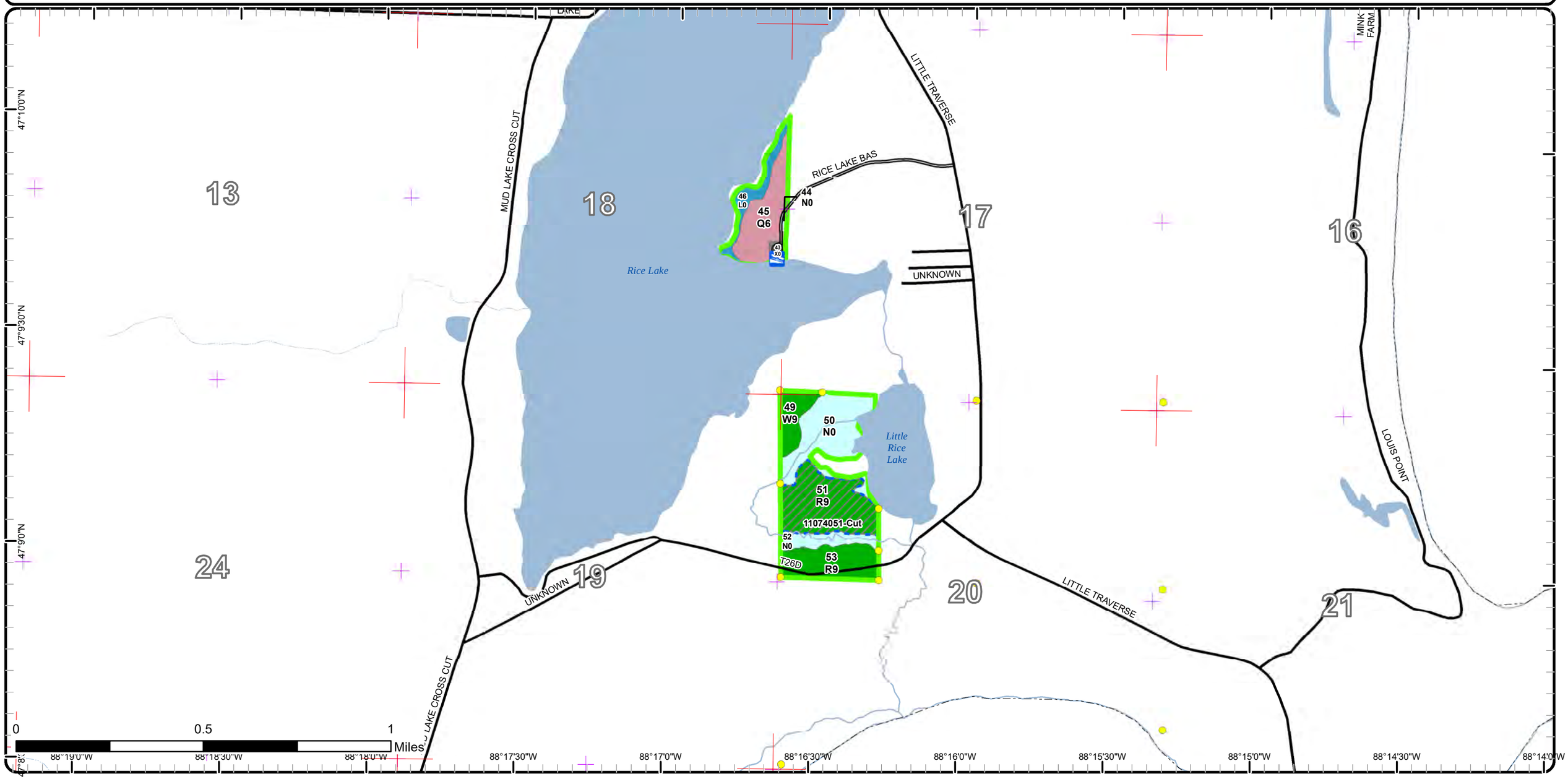
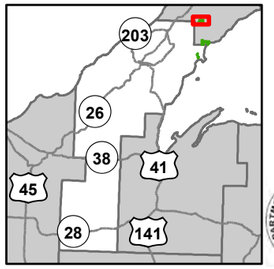


Stand Boundary Map



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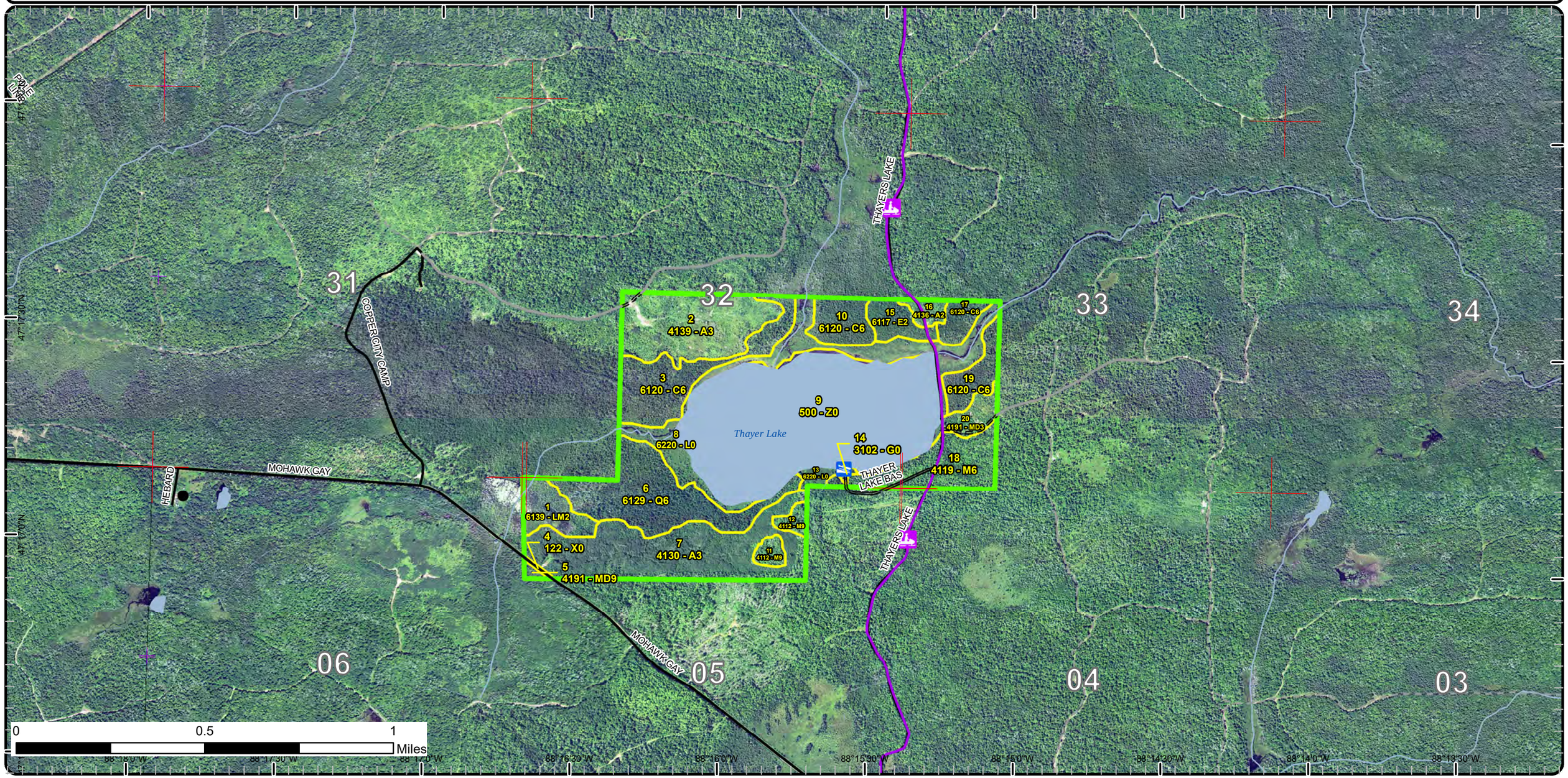

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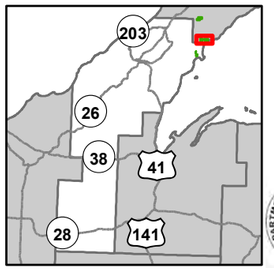

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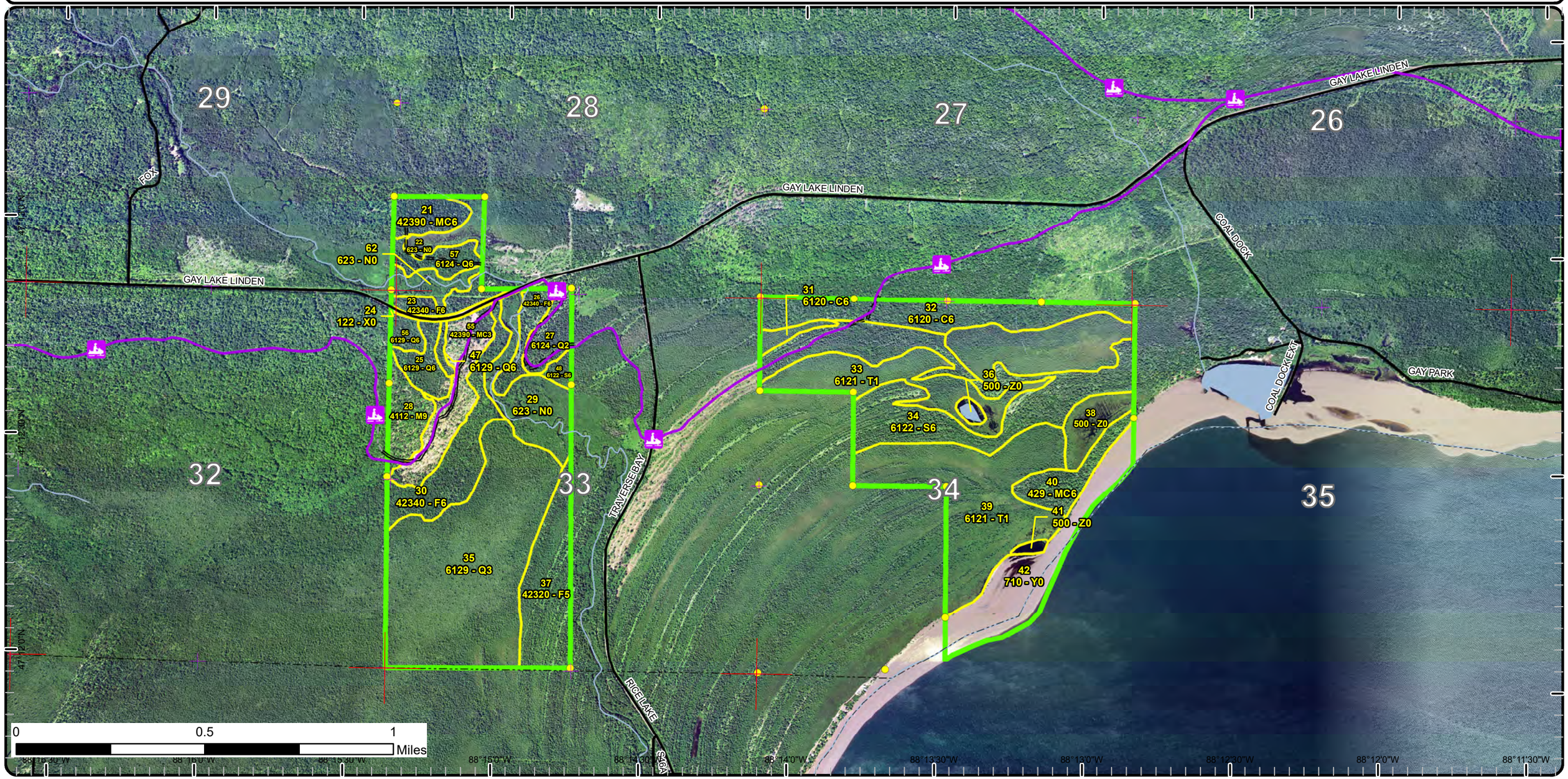

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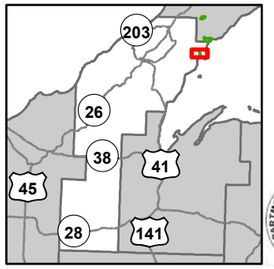

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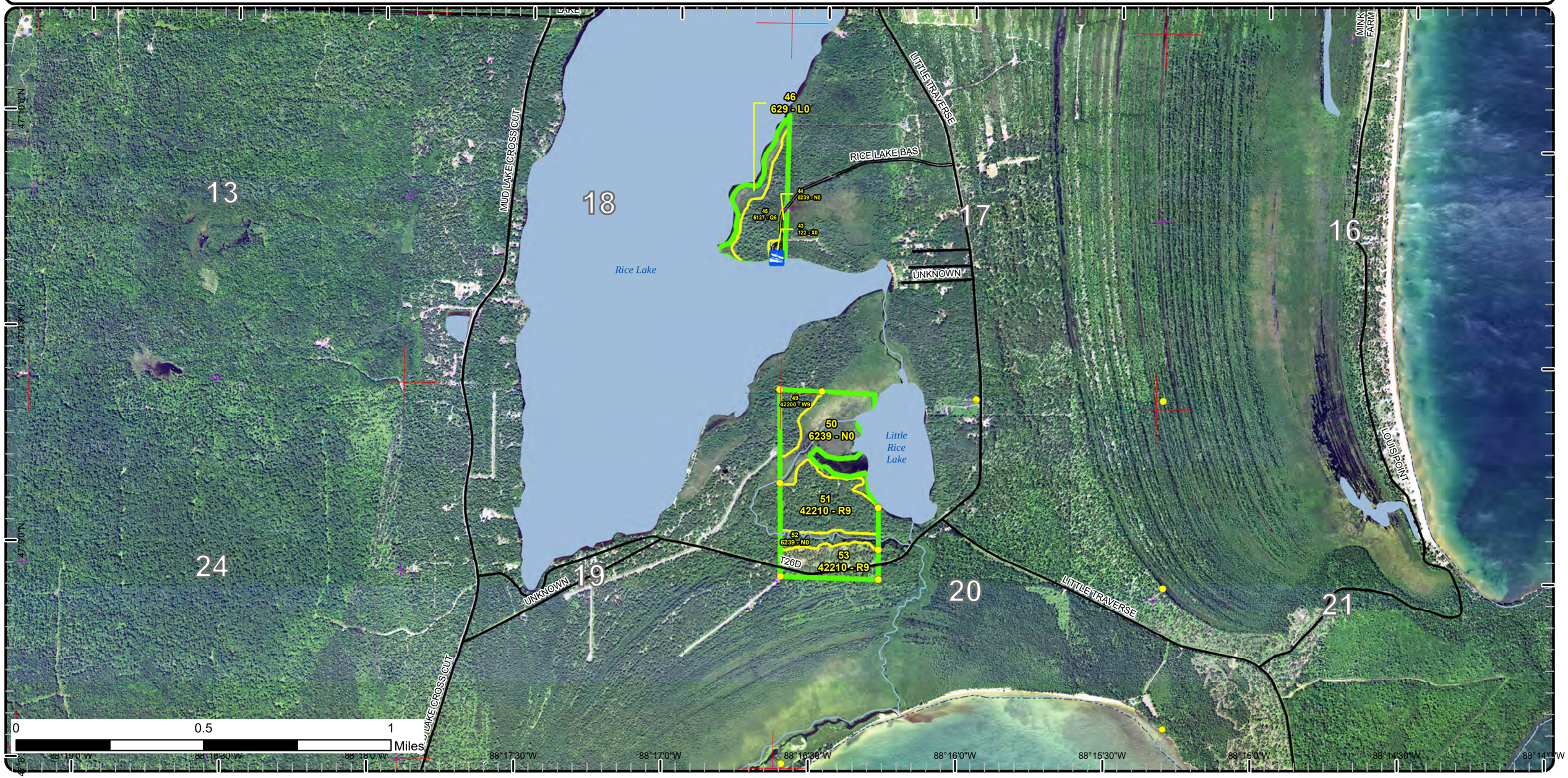
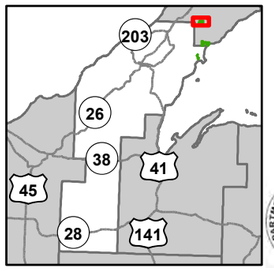


Special Conservation Areas



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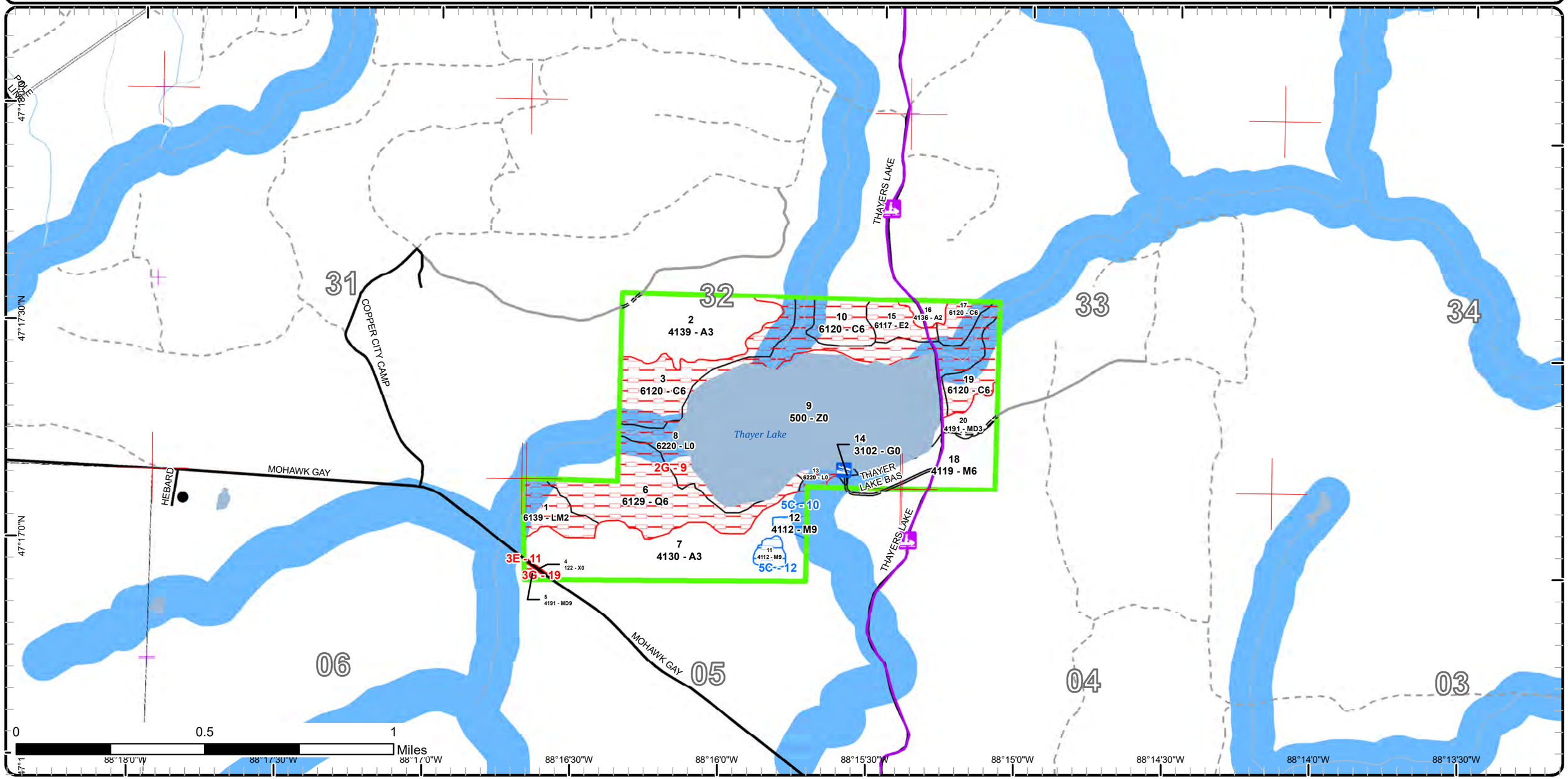
- Pipeline
- Compartment Boundary
- Available w/ Constraints
- 5C: Delay treatment for age/size class diversity or exceptional site quality
- Unavailable
- 2G: Too wet (sensitive soils, does not include access issues)
- 3E: Easement / lease, non-military (e.g.- Consumers Power red pine, etc)
- 3G: Other Influence zones - See comments
- Stand Boundaries
- Cold Water Streams
- High Priority Trout Stream Buffer



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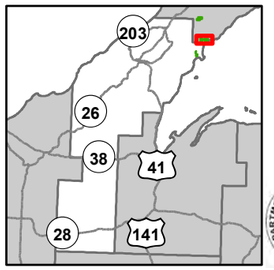

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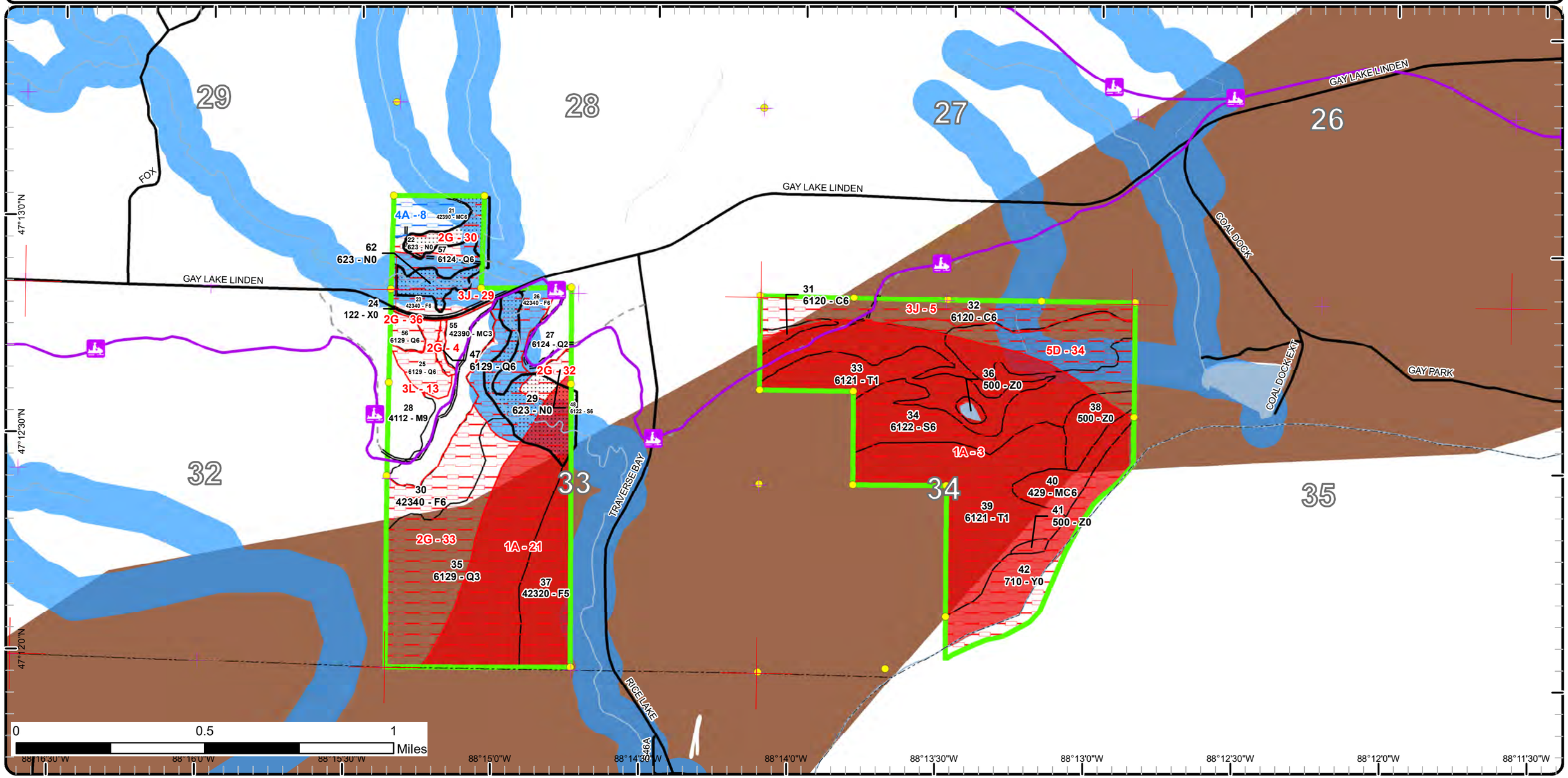
  - 4A: No Markets Available for these Forest Products
- Unavailable
  - 1A: Federal/State/Local Law
  - 2G: Too wet (sensitive soils, does not include access issues)
  - 3J: Water quality / BMPs (stream, river, or lake)
  - 3L: Other wildlife concerns
  - 5D: Unproductive Forest Land
- Stand Boundaries
- SCA
- Ecological Reference Areas
- Cold Water Streams
- High Priority Trout Stream Buffer
- Deer Winter Range



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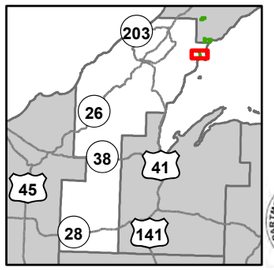

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- 5C: Delay treatment for age/size class diversity or exceptional site quality Unavailable
- 2A: Adjacent landowner denied access
- 2G: Too wet (sensitive soils, does not include access issues)
- 3D: Recreational / Scenic values
- 3G: Other Influence zones - See comments
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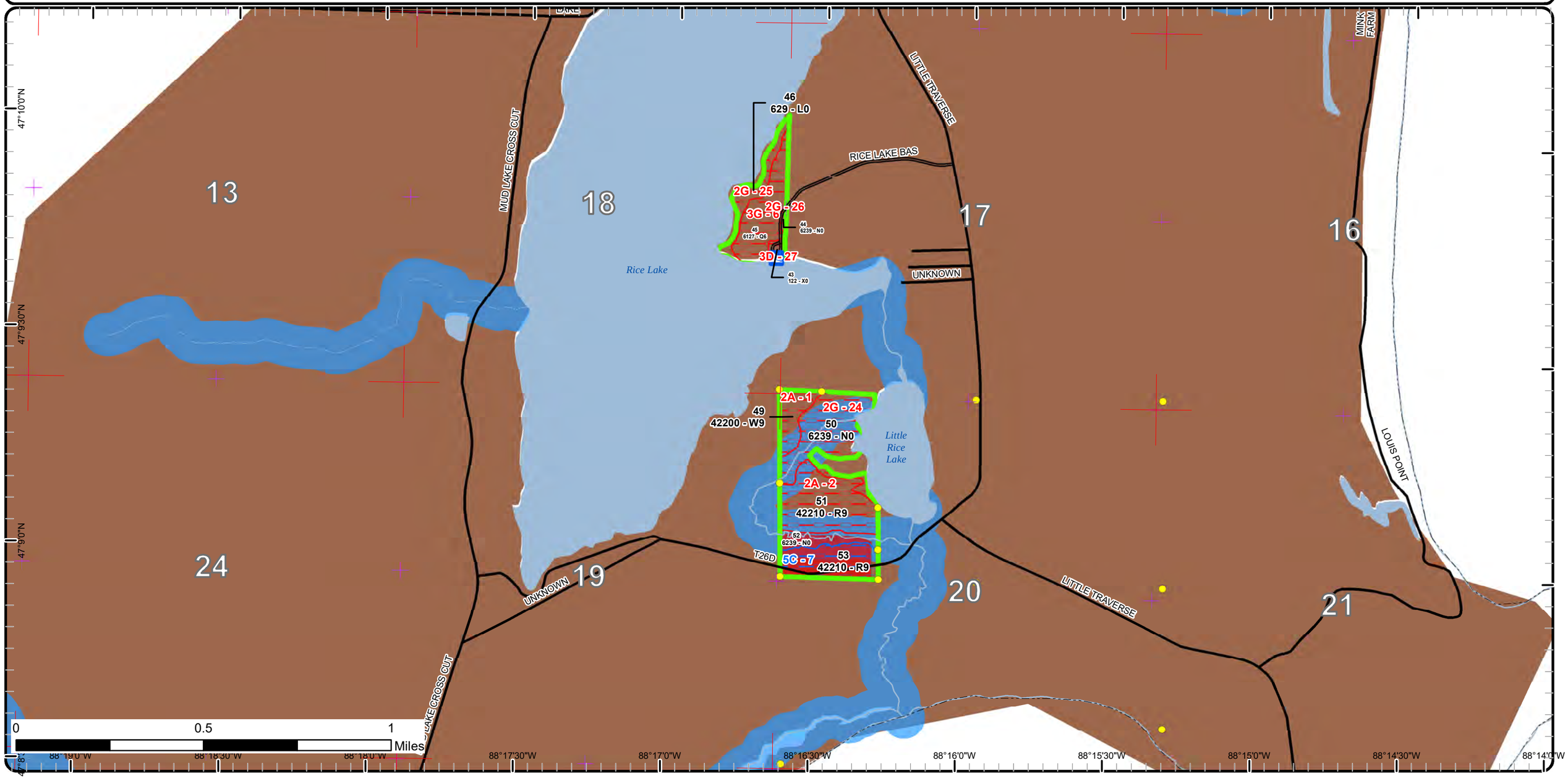

Report 1 – Total Acres by Cover Type and Age Class

Baraga Mgt. Unit **Compartment 74** **Year of Entry 2025**

Brad Carlson : 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	45	62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**107**
Cedar	0	0	0	0	0	0	0	0	0	0	0	0	53	4	0	0	0	47	**104**
Herbaceous Openland	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**1**
Lowland Conifers	0	12	0	0	0	0	0	16	10	17	0	0	124	0	0	0	0	44	**223**
Lowland Deciduous	0	0	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	**9**
Lowland Mixed Forest	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0	0	0	0	**12**
Lowland Shrub	62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**62**
Lowland Spruce/Fir	0	0	0	0	0	0	0	0	0	0	0	3	80	0	0	0	0	0	**83**
Marsh	75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**75**
Mixed Upland Deciduous	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	**8**
Northern Hardwood	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	47	**47**
Red Pine	0	0	0	0	0	0	0	0	0	0	0	38	0	0	0	0	0	0	**38**
Sand, Soil	42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**42**
Tamarack	0	0	0	0	0	0	0	0	0	0	0	0	154	0	0	0	0	0	**154**
Upland Conifers	0	27	0	0	0	0	0	0	12	0	0	15	0	0	0	0	0	0	**54**
Upland Spruce/Fir	0	0	0	0	0	0	35	0	8	0	0	9	31	0	0	0	0	0	**83**
Urban	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**5**
Water	134	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**134**
White Pine	0	0	0	0	0	0	0	0	0	0	0	7	0	0	0	0	0	0	**7**
Total	**319**	**39**	**52**	**62**	**12**	**0**	**35**	**16**	**30**	**17**	**0**	**81**	**442**	**4**	**0**	**0**	**0**	**139**	**1248**

Report 2 – Treatment Summary

Baraga Mgt. Unit

Year of Entry: 2025

Acres of Harvest

Compartment 74

Total Compartment Acres: 1,247

Commercial Harvest -

Harvests with Site Condition - 23

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
Red Pine		0	0	0	0	0	23	0	0	0	**23**
	Total	**0**	**0**	**0**	**0**	**0**	**23**	**0**	**0**	**0**	**23**

Proposed and Next Step Treatments by Method

		Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current		23	0	0	0	0	0	0	0	0	**23**
	Total	**23**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**23**

Stand	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
Proposed Treatments:											
51	**11074051-Cut**	23.4	42210 - Natural Red Pine	Sawtimber Well	103	201+	Harvest	Crown Thinning	4221 - Natural Red Pine	Two-Aged	No

Prescription Specs: Selectively thin red pine and white pine down to an average residual BA of 50 sqft. To mimic a fire prone ecosystem retain the largest diameter/thickest bark trees in the stand. Also residual trees shall be left in patches and harvested tree shall be removed in patches. This will require the placement of one 1/4 acre sized opening per acre and one large 1-2 acre sized opening per stand. This stand should be summer harvested only to encourage natural regeneration.

Next Step Treatments:

Acceptable Regen: Any combination of the original stands overstory species.

Other Comment:

Site Condition: Denied Access

Proposed Start Date: 10/1 /2024

Total Treatment Acreage Proposed: 23.4

Report 4 – Site Conditions

Baraga Mgt. Unit

Brad Carlson : Examiner

Compartment: 74

Year of Entry: 2025

Availability for Management

Total Acres	Acres Available	*Acres Avail With Condition*	Acres Not Available	
107	107	***0***	0	**Aspen**
104	0	***0***	104	**Cedar**
1	1	***0***	0	**Herbaceous Openland**
222	12	***0***	210	**Lowland Conifers**
9	0	***0***	9	**Lowland Deciduous**
12	0	***0***	12	**Lowland Mixed Forest**
62	0	***0***	62	**Lowland Shrub**
84	0	***0***	83	**Lowland Spruce/Fir**
75	6	***0***	69	**Marsh**
8	7	***0***	1	**Mixed Upland Deciduous**
47	40	***7***	0	**Northern Hardwood**
38	0	***14***	23	**Red Pine**
42	0	***0***	42	**Sand, Soil**
154	0	***0***	154	**Tamarack**
53	26	***12***	15	**Upland Conifers**
83	0	***0***	83	**Upland Spruce/Fir**
5	0	***0***	5	**Urban**
134	117	***0***	17	**Water**
7	0	***0***	7	**White Pine**
1,247	317	***33***	897	Total Forested Acres
	25%	***3%***	72%	Relative Percent

Dominant Site Conditions

4A	*5C*	1A	2A	2G	3D	3E	3G	3J	3L	5D
				0						
		3		59				39		3
		64		111	0		16	8	10	
				9						
				12						
				62						
		72		3				0		9
		10		35				23		
				0			1			
	7			0						
	14		23							
		42								0
		127						1		26
12		15		0				0		0
		35		23				25		
				0	1	1	0	3		
		15		0						2
			7							
12	***21***	384	31	315	1	1	17	100	10	40

**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**	**2A: Adjacent landowner denied access**	7	Unspecified	Unspecified	Unspecified	Unspecified

Comments:

2	**Unavailable**	**2A: Adjacent landowner denied access**	23	2D: Portable Bridge Needed (Dept. bridge will be adequate)	Unspecified	Unspecified	Unspecified

Comments:

Land owner from the east would allow access but a temp bridge would be require and would need to free span at least 24'. It is unclear how this bridge would be set since we cannot get equipment to the other side.

3	**Unavailable**	**1A: Federal/State/Local Law**	274	Unspecified	Unspecified	Unspecified	Unspecified

Comments:

ERA

4	**Unavailable**	**2G: Too wet (sensitive soils, does not include access issues)**	2	Unspecified	Unspecified	Unspecified	Unspecified

Comments:

5	**Unavailable**	**3J: Water quality / BMPs (stream, river, or lake)**	40	Unspecified	Unspecified	Unspecified	Unspecified

Comments:

6	**Unavailable**	**3G: Other Influence zones - See comments**	16	Unspecified	Unspecified	Unspecified	Unspecified

Comments:

Lake Buffer.

7	**Available**	**5C: Delay treatment for age/size class diversity or exceptional site quality**	14	Unspecified	Unspecified	Unspecified	Unspecified

Comments:

Gaps in the stand are regenerating red pine nicely. Let go 10 more years and thin again unless access is found into stand 51 then treat with that stand.

8	**Available**	**4A: No Markets Available for these Forest Products**	12	Unspecified	Unspecified	Unspecified	Unspecified

Comments:

9	**Unavailable**	**2G: Too wet (sensitive soils, does not include access issues)**	180	Unspecified	Unspecified	Unspecified	Unspecified

Comments:
Tag Alder buffer of Thayers lake

10	**Available**	**5C: Delay treatment for age/size class diversity or exceptional site quality**	3	Unspecified	Unspecified	Unspecified	Unspecified

Comments:
stand acreage to too small, Treatment is delayed until adjacent aspen is ready around the year 2050

11	**Unavailable**	**3E: Easement / lease, non-military (e.g.- Consumers Power red pine, etc)**	1	Unspecified	Unspecified	Unspecified	Unspecified

Comments:
County Road.

12	**Available**	**5C: Delay treatment for age/size class diversity or exceptional site quality**	4	Unspecified	Unspecified	Unspecified	Unspecified

Comments:
stand acreage to too small, Treatment is delayed until adjacent aspen is ready around the year 2050

13	**Unavailable**	**3L: Other wildlife concerns**	10	Unspecified	Unspecified	Unspecified	Unspecified

Comments:
Harvested with Travers Siding 11-027-15. Cedar was retained for WLD.

19	**Unavailable**	**3G: Other Influence zones - See comments**	1	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: County ROW. Small acerage						
21	**Unavailable**	**1A: Federal/State/Local Law**	110	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: ERA						
24	**Unavailable**	**2G: Too wet (sensitive soils, does not include access issues)**	23	3J: Water quality / BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
	Comments:						
25	**Unavailable**	**2G: Too wet (sensitive soils, does not include access issues)**	7	3J: Water quality / BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
	Comments:						
26	**Unavailable**	**2G: Too wet (sensitive soils, does not include access issues)**	1	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
27	**Unavailable**	**3D: Recreational / Scenic values**	1	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Rice Lake Boat Access Site.						

29	**Unavailable**	**3J: Water quality / BMPs (stream, river, or lake)**	60	Unspecified	Unspecified	Unspecified	Unspecified

Comments:
Traverse river, Fisheries Division Requires a 300 foot buffer.

30	**Unavailable**	**2G: Too wet (sensitive soils, does not include access issues)**	12	Unspecified	Unspecified	Unspecified	Unspecified

Comments:
Beaver Activity.

32	**Unavailable**	**2G: Too wet (sensitive soils, does not include access issues)**	6	Unspecified	Unspecified	Unspecified	Unspecified

Comments:

33	**Unavailable**	**2G: Too wet (sensitive soils, does not include access issues)**	80	Unspecified	Unspecified	Unspecified	Unspecified

Comments:

34	**Unavailable**	**5D: Unproductive Forest Land**	40	2G: Too wet (sensitive soils, does not include access issues)	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	Unspecified	Unspecified

Comments:

36	**Unavailable**	**2G: Too wet (sensitive soils, does not include access issues)**	5	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

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
SCA	Cold Water Lake	A coldwater lake has temperature and dissolved oxygen conditions that allow naturally-reproduced or stocked trout populations and those of other coldwater fish species to persist from year to year. Suitable conditions for coldwater fishes may occur in Michigan lakes if they are relatively deep, have substantial groundwater inflows, or are located in colder (northern) areas of the state. Such lakes are established by Director's action and designated as trout resources by Fisheries Order 200.
SCA	Cold Water Stream	A coldwater stream has temperature and dissolved oxygen conditions that allow naturally-reproduced or stocked trout populations and those of other coldwater fish species (e.g., slimy sculpin) to persist from year to year. Coldwater streams in Michigan typically provide these conditions due to substantial contributions of groundwater to their stream flows. Such streams are established by Director's action and designated as trout resources by Fisheries Order 210.
SCA	Habitat Area	An area that provide some specific need for the life cycle of wildlife species, including State Wildlife Areas and Waterfowl Production Areas, deer wintering complexes in lowland conifer communities, grassland openings and savannas. Habitat areas are distinct from critical habitat designated for recovery of endangered or threatened species (such as Kirtland's warbler or piping plover areas) in that they are more general in nature, are not primarily associated with threatened or endangered species, and are not covered by species recovery plans that are developed in cooperation with Federal agencies.
SCA	Riparian Area	A transitional area between aquatic and terrestrial ecosystems in which the terrestrial ecosystem influences the aquatic ecosystem and vice-versa. Because of the unique conditions adjacent to lakes, streams and open water wetlands, riparian areas harbor a high diversity of plants and wildlife. Riparian communities are ecologically and socially significant in their effects on water quality and quantity, as well as aesthetics, habitat, bank stability, timber production, and their contribution to overall biodiversity.
ERA	Ecological Reference Areas	Ecological Reference Areas (ERAs) are high quality examples of natural communities that have been identified as Element Occurrences (EOs) by the Michigan Natural Features Inventory (MNFI) within the context of their natural community classification system. Element Occurrences with viability ranks of A (Excellent) or B (Good) and a Global (G) or State (S) element (rarity) ranking of endangered (1), threatened (2), or rare (3) serve as an initial base of ERAs. They may be located upon any ownership in the State. The system is comprised of individual or associations of natural community types that are managed for restoration and maintenance of natural ecological processes and values. The public may submit recommendations for lands as ERAs using the DNR Conservation Area Recommendation Form.

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
1	6139 - Mixed Lowland Forest	Sapling Medium	12.4	32	Unspecified	N/A	Stand not physically looked at during inventory. Last on the ground inventory date was 11/29/2012.

Canopy Species	% Cover	Size Class	DBH	Age
Balsam Fir	25	Sapling/Pole	4	32
Quaking Aspen	15	Sapling	2	
Black Spruce	15	Sapling	3	
Red Maple	15	Sapling	2	
Tamarack	15	Sapling	2	
Paper Birch	15	Sapling/Pole	4	

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
2	4139 - Aspen, Mixed Deciduous	Sapling Well	40.9	17	Immature	N/A	Cut in 2006, part of "Thayer Birch".

Canopy Species	% Cover	Size Class	DBH	Age
Quaking Aspen	40	Sapling	3	17
Balsam Fir	2	Sapling	3	
Northern White Cedar	8	Pole/Log	10	
Tamarack	2	Sapling	2	
White Pine	2	XLog	22	
Red Maple	30	Sapling	2	
Paper Birch	16	Sapling	2	

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
3	6120 - Lowland Cedar	Poletimber Well	29.3	103	111-140	N/A	Stand not physically looked at during inventory. Last on the ground inventory date was 11/29/2012.

Canopy Species	% Cover	Size Class	DBH	Age
Balsam Fir	2	Pole	5	
Paper Birch	15	Pole	7	
White Pine	2	XLog	20	
Northern White Cedar	68	Pole/Log	8	103
Red Maple	3	Pole	7	
Black Ash	5	Pole	5	
Black Spruce	5	Pole	6	

Sub-Canopy Species	Density	Avg. Height	Size
Black Ash	High	Variable	Sapling
Northern White Cedar	High	Variable	Pole
Balsam Fir	Medium	Variable	Sapling
Tag Alder	Medium	10 - 20 feet	Tall Shrub

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
4	122 - Road/Parking Lot	Nonstocked	0.6		Unspecified	No	

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
5	4191 - Mixed Upland Deciduous with Conifer	Sawtimber Well	1.0	89	81-110	N/A	Stand is left for senic values along the Gay-Mohawk Road, Small acerage.

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	5	Log	12	
Paper Birch	30	Log	12	
Quaking Aspen	35	Log	14	89
Northern White Cedar	5	Log/Pole	10	
White Spruce	20	Log	12	
White Pine	5	XLog	20	

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	High	Variable	Sapling
Northern White Cedar	Low	Variable	Pole

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
6	6129 - Mixed Coniferous Lowland Forest	Poletimber Well	43.6	106	111-140	N/A	Stand not physically looked at thoroughly during inventory. Last on the ground inventory date was 11/29/2012. Beaver activity in the far east finger of the stand.

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	5	Pole/Sapling	4	
Paper Birch	5	Pole/Sapling	4	
Quaking Aspen	5	Pole	5	
Black Spruce	25	Pole	6	
Balsam Fir	5	Pole/Sapling	4	
Tamarack	30	Log	16	106
Northern White Cedar	25	Pole	6	

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

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
7	4130 - Aspen	Sapling Well	62.3	24	Unspecified	N/A	cut in 1999. 50' tall aspen, some aspen is 6" already. Beaver activity in the NE portion of the stand.

Canopy Species	% Cover	Size Class	DBH	Age
Black Spruce	2	Sapling	2	
Quaking Aspen	88	Pole/Sapling	5	24
Balsam Fir	2	Sapling	3	
Northern White Cedar	3	Pole	8	
Red Maple	3	Sapling	3	24
Paper Birch	2	Sapling	3	

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
8	6220 - Alder/willow	Nonstocked	52.0		Unspecified	No	

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
9	500 - Water	Nonstocked	116.6		Unspecified	No	Thayer Lake.

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
10	6120 - Lowland Cedar	Poletimber Well	12.0	113	Unspecified	N/A	wet,wet, wet. Stand not physically looked at during inventory. Last on the ground inventory date was 11/28/2012.

Canopy Species	% Cover	Size Class	DBH	Age
Balsam Fir	6	Pole/Sapling	4	
Northern White Cedar	80	Pole	8	113
Black Ash	6	Pole/Sapling	4	
Tamarack	2	Pole	8	
Red Maple	2	Pole	6	
Paper Birch	4	Pole	6	

Sub-Canopy Species	Density	Avg. Height	Size
Tag Alder	High	10 - 20 feet	Tall Shrub
Balsam Fir	High	Variable	Sapling
Paper Birch	Low	Variable	Sapling
Northern White Cedar	Medium	Variable	Sapling
Black Ash	High	>20 feet	Sapling

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
11	4112 - Maple, Beech, Cherry Association	Sawtimber Well	3.5	101	111-140	N/A	Site Condition: too small of acerage. BA swings were at or above 140. Poor Quality overall. Although I would manage for Hardwood again when aspen is harvested for diversity.

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	20	Log/Pole	12	
Yellow Birch	2	Log	16	
White Spruce	2	Pole/Log	10	
Red Maple	76	Log	14	101

Sub-Canopy Species	Density	Avg. Height	Size
Northern White Cedar	Low	>20 feet	Pole
Balsam Fir	Low	Variable	Pole
Sugar Maple	Full	Variable	Sapling
Red Maple	Low	Variable	Sapling

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
12	4112 - Maple, Beech, Cherry Association	Sawtimber Well	3.2	101	111-140	N/A	Site Condition: too small of acreage. BA swings were at or above 140. Poor Quality overall. Although I would manage for Hardwood again when aspen is harvested for diversity. Quite of bit of beaver activity in the NE section of the stand.

Canopy Species	% Cover	Size Class	DBH	Age
White Spruce	2	Log/Pole	10	
Yellow Birch	2	Log	14	
Red Maple	50	Log/Pole	11	101
Sugar Maple	46	Log	12	

Sub-Canopy Species	Density	Avg. Height	Size
Yellow Birch	Low	Variable	Sapling
Red Maple	Full	Variable	Sapling
Sugar Maple	Full	Variable	Sapling

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
13	6220 - Alder/willow	Nonstocked	3.3		Unspecified	No	A lot of beaver activity in the stand.

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
14	3102 - Grass	Nonstocked	0.7		Unspecified	No	Thayer Lake BAS.

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
15	6117 - Lowland Deciduous, Mixed Coniferous	Sapling Medium	9.0	109	1-50	N/A	wet Stand not physically looked at during inventory. Last on the ground inventory date was 11/28/2012.

Canopy Species	% Cover	Size Class	DBH	Age
Paper Birch	10	Pole	6	
Balsam Fir	6	Pole/Sapling	4	
Black Spruce	10	Pole	6	
Northern White Cedar	10	Pole	6	
Tamarack	2	Pole	6	
Black Ash	54	Sapling/Pole	4	109
Red Maple	4	Pole	6	
Willow spp.	2	Pole/Sapling	4	

Sub-Canopy Species	Density	Avg. Height	Size
Tag Alder	Full	10 - 20 feet	Tall Shrub
Balsam Fir	Medium	Variable	Sapling
Northern White Cedar	Low	Variable	Sapling
Black Ash	Full	>20 feet	Sapling

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
16	4136 - Aspen, Mixed Conifer	Sapling Medium	4.1	17	Unspecified	N/A	Cut with "Thayer Birch" in 2006.

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	20	Sapling	2	17
Paper Birch	15	Sapling	2	
Quaking Aspen	40	Sapling	3	17
Northern White Cedar	3	Pole	8	
Tamarack	14	Sapling	2	
White Pine	5	Log	16	
Balsam Fir	3	Sapling	3	17

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
17	6120 - Lowland Cedar	Poletimber Well	6.7	109	81-110	N/A	Stand is Wet. Stand not physically looked at during inventory. Last on the ground inventory date was 11/29/2012.

Canopy Species	% Cover	Size Class	DBH	Age
Black Spruce	5	Pole	6	
White Spruce	2	Pole	8	
Northern White Cedar	70	Pole	8	109
Quaking Aspen	2	Pole	10	
Paper Birch	5	Pole	6	
Balsam Fir	5	Sapling/Pole	4	
Yellow Birch	2	Pole/Log	10	
Black Ash	2	Sapling/Pole	4	
Red Maple	5	Pole	6	
Tamarack	2	Pole	8	

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

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
18	4119 - Mixed Northern Hardwoods	Poletimber Well	25.4	84	81-110	N/A	Do not treat, There are many wet swails through stand and it is adjacent to Thayer Lake.

Canopy Species	% Cover	Size Class	DBH	Age
Quaking Aspen	15	Log/Pole	10	
Yellow Birch	10	Log/Pole	10	
White Spruce	2	Pole/Log	11	
Northern White Cedar	5	Pole	8	
Paper Birch	5	Pole/Log	10	
Balsam Fir	3	Pole	6	
Red Maple	47	Log/Pole	12	84
Black Ash	3	Pole	6	
Sugar Maple	5	Pole	8	
White Pine	5	XLog	18	

Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	Low	Variable	Sapling
Black Ash	Low	Variable	Sapling
Balsam Fir	Medium	Variable	Sapling
Red Maple	Medium	Variable	Sapling
Yellow Birch	Medium	Variable	Sapling

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
19	6120 - Lowland Cedar	Poletimber Well	11.2	109	81-110	N/A	Stand is Wet. Stand not physically looked at during inventory. Last on the ground inventory date was 11/29/2012.

Canopy Species	% Cover	Size Class	DBH	Age
Northern White Cedar	70	Pole	8	109
Red Maple	5	Pole	6	
Tamarack	2	Pole	8	
Yellow Birch	2	Pole/Log	10	
Black Ash	2	Sapling/Pole	4	
Paper Birch	5	Pole	6	
Balsam Fir	5	Sapling/Pole	4	
Quaking Aspen	2	Pole	10	
Black Spruce	5	Pole	6	
White Spruce	2	Pole	8	

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

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
20	4191 - Mixed Upland Deciduous with Conifer	Sapling Well	7.2	17	1-50	N/A	Cut in 2006 with "Thayer Birch"

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	10	Sapling	3	
Paper Birch	35	Sapling	2	17
Quaking Aspen	30	Sapling	2	
Balsam Fir	5	Sapling	2	
White Pine	5	XLog	20	
Black Cherry	5	Sapling	2	
Northern White Cedar	10	Pole	8	

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
21	42390 - Mixed Non-Pine Upland Conifers	Poletimber Well	11.7	75	Unspecified	N/A	Stand is still ready to go and was supposed to be treated with Traverse Siding 11-027-15 but was returned due to access.

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	10	Pole	8	
White Pine	5	Log	16	
Paper Birch	5	Pole	8	
Northern White Cedar	10	Pole/Log	9	
Quaking Aspen	10	Log	16	
Tamarack	5	Log	12	
Balsam Fir	25	Pole	6	75
White Spruce	10	Log	10	
Black Spruce	20	Pole	8	

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

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
22	623 - Emergent Wetland	Nonstocked	9.2		Unspecified	No	Beaver activity in the stand.

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
23	42340 - Upland Spruce/Fir	Poletimber Well	8.4	75	Unspecified	N/A	

Canopy Species	% Cover	Size Class	DBH	Age
Paper Birch	10	Pole/Log	10	
Black Spruce	20	Pole	7	
White Spruce	10	Pole/Log	10	
Balsam Fir	35	Pole	6	75
Red Maple	10	Pole	8	
Quaking Aspen	10	Log	12	
Northern White Cedar	5	Pole/Log	10	

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

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
24	122 - Road/Parking Lot	Nonstocked	3.0		Unspecified	No	

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
25	6129 - Mixed Coniferous Lowland Forest	Poletimber Well	10.3	89	1-50	N/A	Cut in December 2015 as part of Traverse Siding 11-027-15.

Canopy Species	% Cover	Size Class	DBH	Age
Paper Birch	2	Sapling	1	
White Pine	4	Pole/Log	12	
Northern White Cedar	40	Pole	6	89
Balsam Fir	12	Sapling	1	
Quaking Aspen	2	Sapling	1	
Tamarack	6	Sapling	1	
Black Spruce	30	Sapling	1	8
Yellow Birch	2	Sapling	1	
Hemlock	2	Log	16	

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	Full	Variable	Sapling
Northern White Cedar	High	5 - 10 feet	Sapling

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
26	42340 - Upland Spruce/Fir	Poletimber Well	9.1	101	1-50	N/A	Some Ridge/Swail complex. Blowdown areas give this stand an appearance of being all aged.

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	2	Pole	6	
Quaking Aspen	2	Pole	10	
Balsam Fir	36	Sapling/Pole	5	
Black Spruce	40	Pole	5	101
Northern White Cedar	10	Pole	5	
White Pine	4	XLog/Log	20	
White Spruce	4	Log	12	
Paper Birch	2	Pole	8	

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	Full	Variable	Sapling
Black Spruce	High	Variable	Sapling
Northern White Cedar	Low	Variable	Sapling

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
27	6124 - Lowland Spruce-Fir	Sapling Medium	11.7	5	Immature	N/A	Snowmobile trail run through the stand.

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	5	Sapling	1	
Paper Birch	5	Sapling	1	
Black Spruce	35	Sapling	1	5
Northern White Cedar	15	Pole	8	102
Balsam Fir	20	Sapling	1	5
White Pine	20	Log	16	

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
28	4112 - Maple, Beech, Cherry Association	Sawtimber Well	14.8	101	81-110	N/A	11-027-15-01, Unit 1 of Traverse Siding, cut in 2015.

Canopy Species	% Cover	Size Class	DBH	Age
Northern White Cedar	10	Log	14	
Red Maple	23	Log/Pole	11	
Sugar Maple	62	Log	14	101
Yellow Birch	5	Log	14	

Sub-Canopy Species	Density	Avg. Height	Size
Northern White Cedar	Low	>20 feet	Log
Red Maple	Low	10 - 20 feet	Sapling
Balsam Fir	High	Variable	Sapling
Sugar Maple	Full	Variable	Sapling

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
29	623 - Emergent Wetland	Nonstocked	27.2		Unspecified	No	Traverse River and flood plain.

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
30	42340 - Upland Spruce/Fir	Poletimber Well	30.8	113	51-80	N/A	Ridge/swail complex. Area are mature. lots of blowdown has given it an all aged structure.

Canopy Species	% Cover	Size Class	DBH	Age
Paper Birch	2	Pole	8	
Red Maple	2	Pole	6	
White Spruce	4	Log	12	
Quaking Aspen	2	Pole	10	
Black Spruce	40	Pole	5	113
Balsam Fir	34	Sapling/Pole	5	
White Pine	6	XLog	20	
Northern White Cedar	10	Pole	5	

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	Full	Variable	Sapling
Northern White Cedar	Low	Variable	Sapling
Black Spruce	High	Variable	Sapling

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
31	6120 - Lowland Cedar	Poletimber Well	4.0	125	Unspecified	N/A	

Canopy Species	% Cover	Size Class	DBH	Age
Paper Birch	2	Pole/Sapling	4	
Black Spruce	10	Pole/Sapling	4	
Northern White Cedar	78	Pole/Sapling	5	125
Tamarack	10	Pole	6	

Sub-Canopy Species	Density	Avg. Height	Size
Tag Alder	Full	10 - 20 feet	Tall Shrub
Northern White Cedar	Full	Variable	Sapling
Balsam Fir	Low	Variable	Sapling

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
32	6120 - Lowland Cedar	Poletimber Well	40.6	115	81-110	N/A	

Canopy Species	% Cover	Size Class	DBH	Age
Balsam Fir	3	Pole	6	
Tamarack	3	Pole	8	
Northern White Cedar	50	Pole	7	115
White Spruce	2	Pole/Log	11	
Black Spruce	25	Pole	7	
Yellow Birch	2	Log	12	
Hemlock	2	Log	12	
Red Maple	5	Pole/Log	10	
White Pine	5	XLog/Log	20	
Paper Birch	3	Pole/Log	10	

Sub-Canopy Species	Density	Avg. Height	Size
Northern White Cedar	Medium	Variable	Pole
Balsam Fir	Full	Variable	Pole

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
33	6121 - Tamarack	Sapling Poor	75.3	117	Unspecified	N/A	Stand is in an ERA and SCA.

Canopy Species	% Cover	Size Class	DBH	Age
Tamarack	98	Sapling	2	117
White Pine	2	Sapling	4	

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
34	6122 - Black Spruce	Poletimber Well	80.4	115	Unspecified	N/A	Stand is in an ERA.

Canopy Species	% Cover	Size Class	DBH	Age
White Pine	10	Log	14	
Balsam Fir	5	Pole	6	
Black Spruce	60	Pole	7	115
Northern White Cedar	5	Pole	6	
White Spruce	5	Log	12	
Quaking Aspen	5	Pole/Log	10	
Red Maple	5	Pole/Log	10	
Paper Birch	5	Pole	8	

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	High	Variable	Sapling
Northern White Cedar	Medium	Variable	Sapling
Black Spruce	High	Variable	Sapling

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
35	6129 - Mixed Coniferous Lowland Forest	Sapling Well	124.2	115	Unspecified	N/A	Very Wet.

Canopy Species	% Cover	Size Class	DBH	Age
Northern White Cedar	40	Pole/Sapling	4	115
White Pine	5	Log	12	
Black Spruce	30	Pole/Sapling	5	
Tamarack	15	Pole	6	
Paper Birch	5	Sapling	3	
Red Maple	5	Sapling	3	

Sub-Canopy Species	Density	Avg. Height	Size
Northern White Cedar	Medium	Variable	Sapling
Balsam Fir	High	Variable	Sapling

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
36	500 - Water	Nonstocked	2.4		Unspecified	No	

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
37	42320 - Upland Spruce	Poletimber Medium	34.9	59	Unspecified	N/A	Stand is a part of an ERA. Ridges are upland and have timber on them. May have been cut in 1964 (according to OI).

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	2	Sapling	3	
Black Spruce	70	Sapling/Pole	5	59
Paper Birch	3	Sapling	3	
Tamarack	10	Pole	6	
White Pine	5	Log	16	
Balsam Fir	10	Sapling/Pole	4	

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
38	500 - Water	Nonstocked	13.2		Unspecified	No	

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
39	6121 - Tamarack	Sapling Poor	78.6	115	Unspecified	N/A	Stand is part of an ERA.

Canopy Species	% Cover	Size Class	DBH	Age
Black Spruce	5	Sapling/Pole	4	
Tamarack	93	Sapling	2	115
White Pine	2	Pole	8	

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
40	429 - Mixed Upland Conifers	Poletimber Well	15.1	107	51-80	N/A	ERA, Birch is poor quality. Lake influence. Lots of blowdown.

Canopy Species	% Cover	Size Class	DBH	Age
Paper Birch	10	Pole	6	
Black Spruce	45	Pole	6	107
Balsam Fir	5	Pole	6	
Quaking Aspen	5	Log	12	
Red Maple	15	Pole	6	
White Pine	20	Log	16	

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

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
41	500 - Water	Nonstocked	1.6		Unspecified	No	
42	710 - Sand, Soil	Nonstocked	42.0		Unspecified	No	
43	122 - Road/Parking Lot	Nonstocked	1.4		Unspecified	No	
44	6239 - Mixed Emergent Wetland	Nonstocked	0.6		Unspecified	No	
45	6127 - Lowland Pine	Poletimber Well	15.6	68	51-80	N/A	Lots of leather leaf in some parts of the stand. The area just west of BAS would make a great day use area or small 3-4 campsite campground..

Canopy Species	% Cover	Size Class	DBH	Age
Paper Birch	10	Pole/Sapling	4	
Tamarack	8	Pole	6	
Red Maple	4	Log/Pole	10	
Jack Pine	5	Pole	6	
Red Pine	5	Log	12	
White Pine	68	Log/Pole	11	68

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	Medium	5 - 10 feet	Sapling
Black Spruce	Low	5 - 10 feet	Sapling
White Pine	Medium	5 - 10 feet	Sapling
Tag Alder	Medium	5 - 10 feet	Tall Shrub

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
46	629 - Mixed non-forested wetland	Nonstocked	6.7		Unspecified	No	
47	6129 - Mixed Coniferous Lowland Forest	Poletimber Well	2.1	89	1-50	N/A	Wet

Canopy Species	% Cover	Size Class	DBH	Age
Black Spruce	30	Sapling/Pole	4	8
White Pine	4	Pole/Log	12	
Balsam Fir	12	Sapling/Pole	4	
Northern White Cedar	46	Pole	6	89
Tamarack	6	Sapling/Pole	4	
Hemlock	2	Log	16	

Sub-Canopy Species	Density	Avg. Height	Size
Northern White Cedar	High	5 - 10 feet	Sapling
Balsam Fir	Full	Variable	Sapling

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
48	6122 - Black Spruce	Poletimber Well	3.2	102	51-80	N/A	Wet Ground.

Canopy Species	% Cover	Size Class	DBH	Age
Black Spruce	70	Pole/Log	10	102
Northern White Cedar	10	Pole	8	
Paper Birch	5	Pole	8	
White Pine	10	Log	16	
Red Maple	5	Pole	8	

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	High	Variable	Pole
Black Spruce	Medium	>20 feet	Pole
Northern White Cedar	High	Variable	Pole

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
49	42200 - Natural White Pine	Sawtimber Well	7.1	103	111-140	N/A	Private road access. Access for logging denied.

Canopy Species	% Cover	Size Class	DBH	Age
White Pine	70	XLog	20	103
Paper Birch	5	Pole	8	
Jack Pine	5	Pole/Log	10	
Red Pine	10	Log	14	
Black Spruce	10	Pole	6	

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

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
50	6239 - Mixed Emergent Wetland	Nonstocked	22.6		Unspecified	No	

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
51	42210 - Natural Red Pine	Sawtimber Well	23.4	103	201+	N/A	Access denied from the west. Land owner to the east would allow access but a temporary bridge would be required and would need to span 24'. If harvest is desireable then thin down to 80 square feet with one 1/4 acre gap per acre. As was done in stand 53 in 2015. Selection harvested in 1995 as Rice Lake Red Pine 11-021-95-01.

Canopy Species	% Cover	Size Class	DBH	Age
White Pine	23	Log	16	
Red Pine	75	Log	14	103
Black Spruce	2	Pole	8	

Sub-Canopy Species	Density	Avg. Height	Size
White Pine	Medium	10 - 20 feet	Sapling
Red Pine	Low	10 - 20 feet	Sapling
Black Spruce	Medium	Variable	Sapling
Balsam Fir	Medium	10 - 20 feet	Sapling

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
52	6239 - Mixed Emergent Wetland	Nonstocked	6.2		Unspecified	No	

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
53	42210 - Natural Red Pine	Sawtimber Well	14.3	103	51-80	N/A	Little Rice Pine 11-029-15-01. Gaps in the stand are regenerating red pine nicely. Let go 10 more years and thin again unless access is found into stand 51 then treat with that stand.

Canopy Species	% Cover	Size Class	DBH	Age
Black Spruce	2	Pole	8	
Red Pine	90	Log	14	103
White Pine	8	Log	16	

Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	Low	10 - 20 feet	Sapling
Balsam Fir	Low	10 - 20 feet	Sapling
White Pine	Low	5 - 10 feet	Sapling
Black Spruce	Medium	Variable	Sapling
Red Pine	Low	5 - 10 feet	Sapling

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
55	42390 - Mixed Non-Pine Upland Conifers	Sapling Well	26.6	8	1-50	N/A	Ridge/swale complex. Harvested in 2015 as part of Traverse Siding 11-027-15 Snowmobile trail through stand.

Canopy Species	% Cover	Size Class	DBH	Age
Northern White Cedar	24	Log/Pole	10	
Balsam Fir	25	Sapling	1	8
Paper Birch	2	Sapling	1	
Black Spruce	15	Sapling	1	
White Spruce	10	Sapling	1	8
White Pine	20	Log	16	104
Quaking Aspen	2	Sapling	1	
Red Maple	2	Sapling	1	

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
56	6129 - Mixed Coniferous Lowland Forest	Poletimber Well	4.9	89	51-80	N/A	Excluded from Traverse Siding 11-027-15 because it was too wet.

Canopy Species	% Cover	Size Class	DBH	Age
Paper Birch	2	Pole	6	
Northern White Cedar	40	Pole	6	89
Quaking Aspen	2	Log/Pole	10	
Black Spruce	30	Pole	6	
Tamarack	6	Log/Pole	10	
White Pine	4	Log	12	
Yellow Birch	2	Log	12	
Hemlock	2	Log	16	
Balsam Fir	12	Pole	8	

Sub-Canopy Species	Density	Avg. Height	Size
Northern White Cedar	High	5 - 10 feet	Sapling
Balsam Fir	Full	Variable	Sapling

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
57	6124 - Lowland Spruce-Fir	Poletimber Well	9.5	75	Unspecified	N/A	Quite a bit of beaver activity is the middle of the stand.

Canopy Species	% Cover	Size Class	DBH	Age
Northern White Cedar	10	Pole/Log	9	
Quaking Aspen	10	Log	16	
Paper Birch	5	Pole	8	
Balsam Fir	25	Pole	6	75
Tamarack	5	Log	12	
Black Spruce	20	Pole	8	
White Spruce	10	Log	10	
Red Maple	10	Pole	8	
White Pine	5	Log	16	

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

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
62	623 - Emergent Wetland	Nonstocked	9.2		Unspecified	No	Traverse River and flood plain.