



Compartment Review Presentation

Baraga Forest Management Unit

Compartment 11005

Entry Year 2017

Acreage: 1,939

County Baraga

Management Area: Menge Creek

Revision Date: 2014-12-01

Stand Examiner:

Legal Description:

T50N R34W, Section 1, 2, 112, 12, 16, 22
T51N R33W Section 27

Identified Planning Goals:

Maintain or expand mesic conifers, protect water quality, and maintain the aspen type.

Soil and topography:

The topography is a mix of fairly level land interspersed with drainages and in some cases some very steep slopes. Soils are Rubicon sands; Rubicon-Rousseau-Ocqueoc complex; Rousseau-Ocqueoc fine sands; Carbondale and Tacoosh mucks.

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

The compartment is fragmented. Surrounding ownership is a mix of forest industry and small private landowners. Use on the south is generally for forest management.

Unique Natural Features:

Archeological, Historical, and Cultural Features:

Special Management Designations or Considerations:

The former L'Anse Township landfill is in section 12. DEQ has restrictions on this site that would affect future operations.

Watershed and Fisheries Considerations:

Six Mile Creek is a trout stream. Buffers are needed along this stream and its tributaries. An on site review by both FMFM and Fish Division is needed before setting up timber sales along this stream.

Wildlife Habitat Considerations:

Mineral Resource and Development Concerns and/or Restrictions

Surface sediments consist of coarse-textured till and lacustrine (lake) sand and gravel. There is insufficient data to determine the glacial drift thickness. The Precambrian Michigamme Formation and Jacobsville Sandstone subcrop below the glacial drift. The Jacobsville was previously used as a building stone. Sand and gravel pits are in the area and potential appears to be good. Abandoned iron mines are located eight miles to the southeast. This Compartment has not been previously leased for metallic exploration, but current leases exist in Section 2 - 5. There is no economic oil and gas production in the UP.

Vehicle Access:

Much of the compartment is accessed by logging roads off of county roads. DNR has easements that assure access to much of the land. Not all of the access is good. There are steep slopes, and swamps that limit where access can take place.

Survey Needs:

Survey will be needed for timber harvest activities.

Recreational Facilities and Opportunities:

There are two snowmobile trails, trail 15 and trail 159 that cross parts of this compartment.

Fire Protection:

This is not a fire prone area. There are areas of extreme topography throughout the compartment.

Additional Compartment Information:

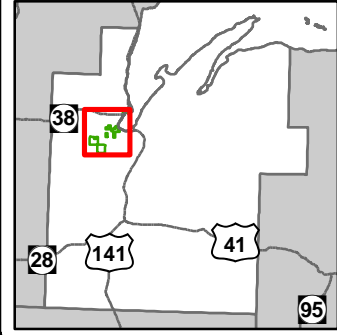
The following reports from the Inventory are attached:

- 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**

Stand Boundary Map



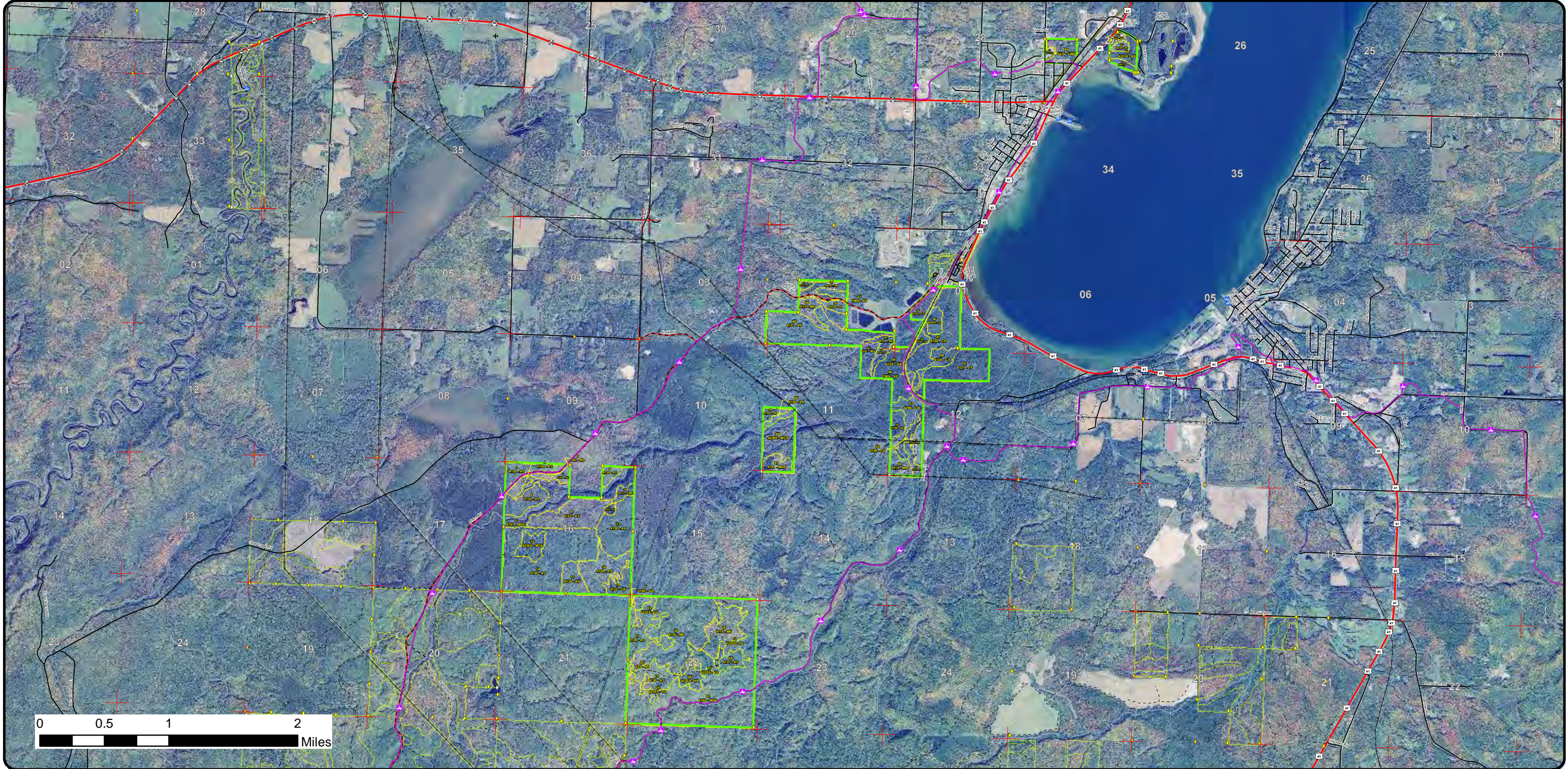
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 County: Baraga
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 Acres: 1939 GIS Calculated
 Examiner: Jason Mittlestat
 Map Revised: 5/19/2015
 Map Phase: Pre-Review

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- Survey Grade GPS Corners
- Field Grade GPS Corners
- Miris Corners
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- Powerline
- Stand Boundaries

- 412 - Oak Types
 - 413 - Aspen
 - 419 - Mixed Upland Deciduous
 - 422 - Natural Pines
 - 423 - Other Upland Conifers
 - 430 - Upland Mixed Fores
 - 612 - Lowland Coniferous Forest
- Non-Forest Covertype
- 122 - Roads/Parking Lot
 - 310 - Herbaceous Openland
 - 622 - Lowland Shrub
 - 623 - Emergent Wetland

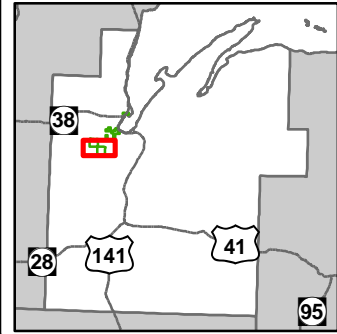
790 - Other Bare/Sparsely Vegetated

- 411 - Northern Hardwood

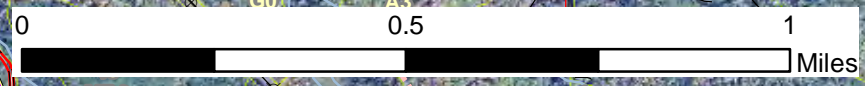
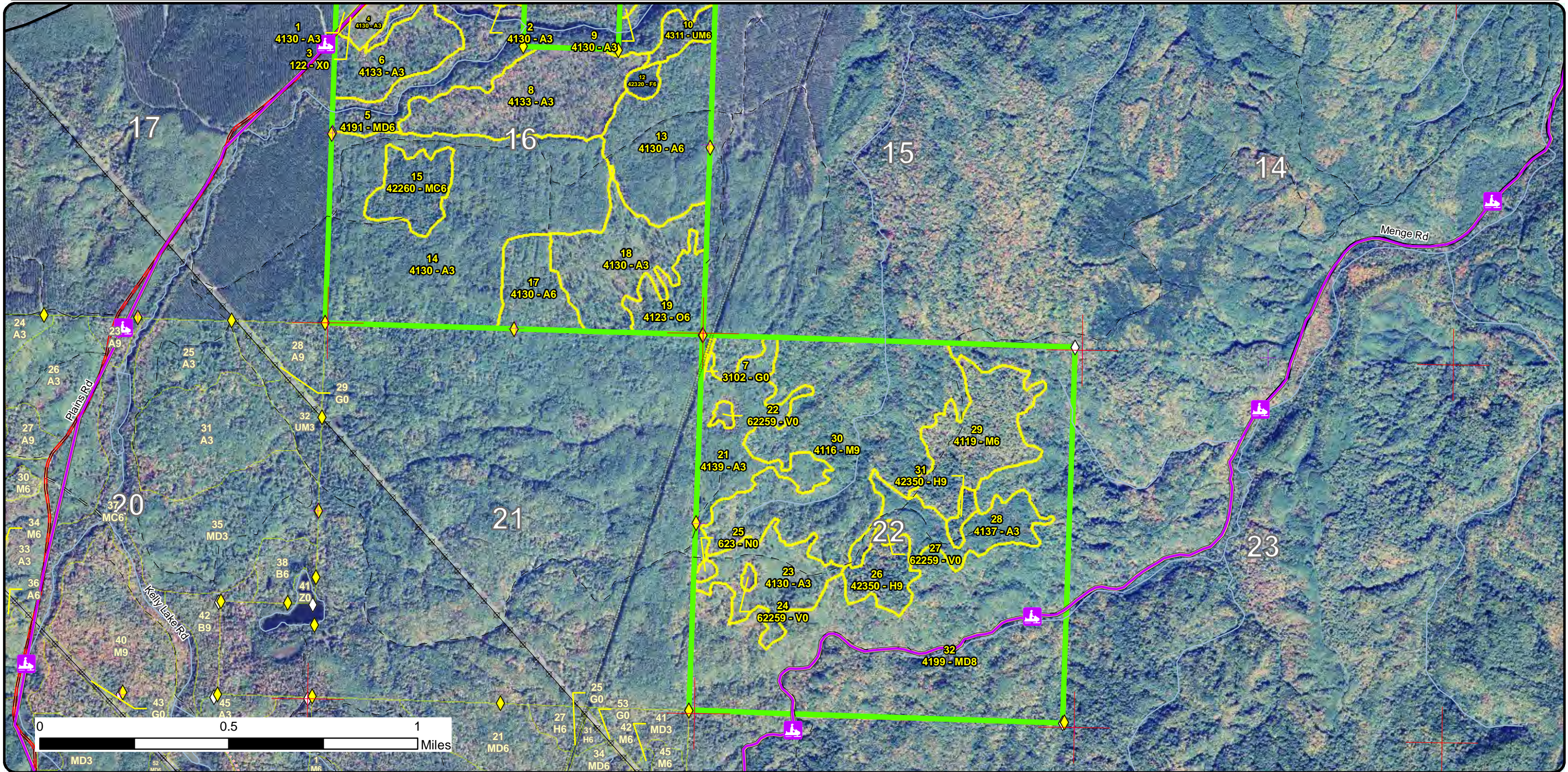


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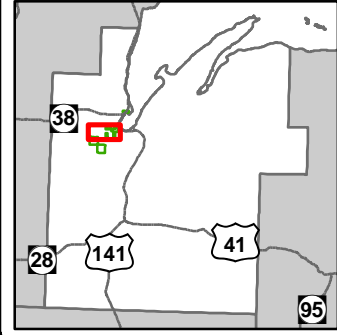
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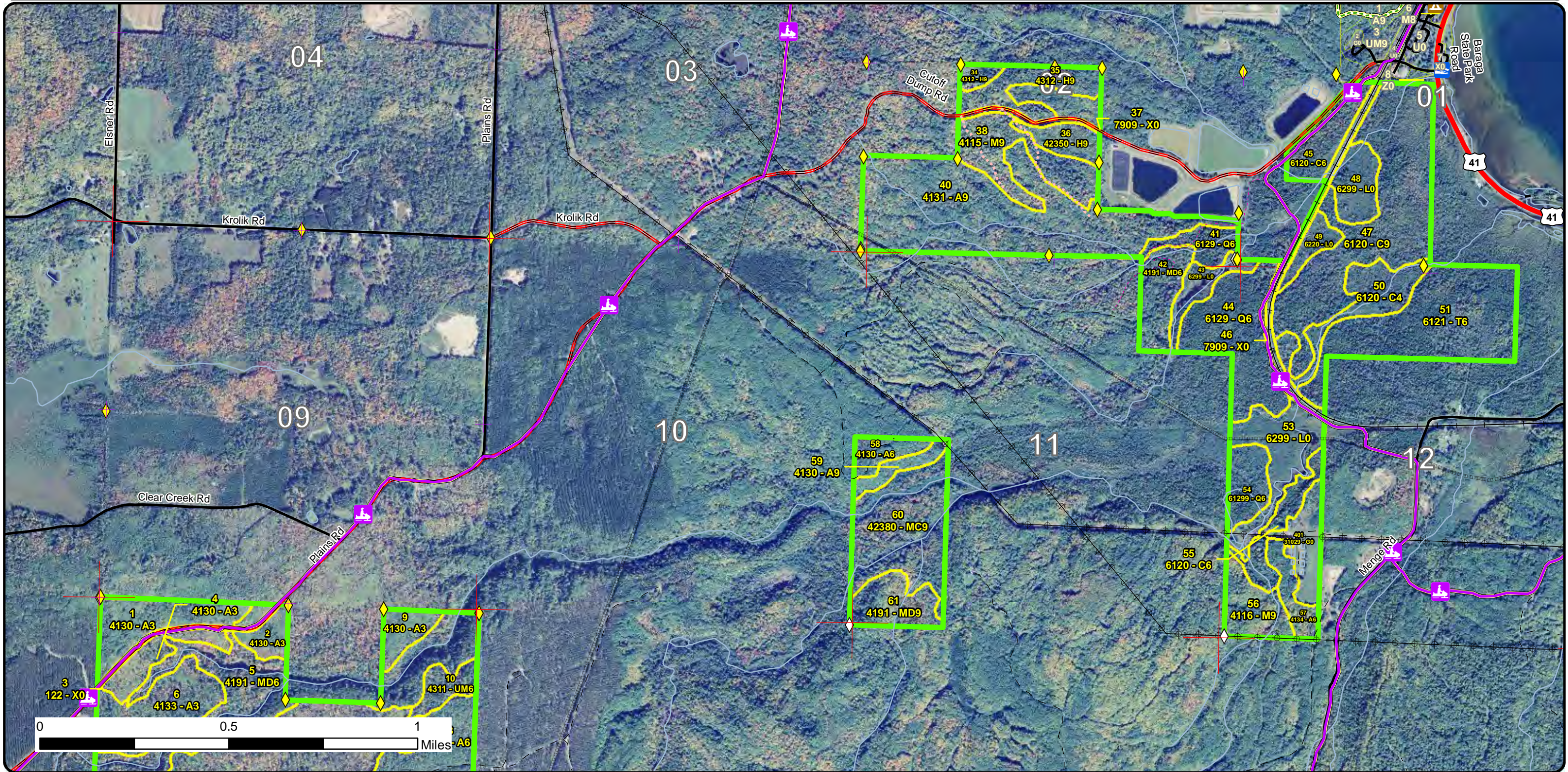


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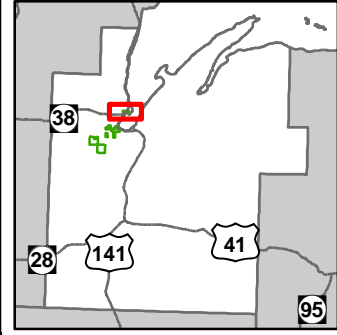


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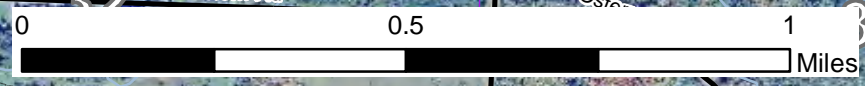


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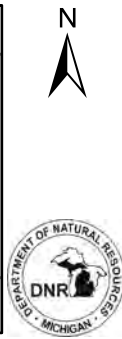
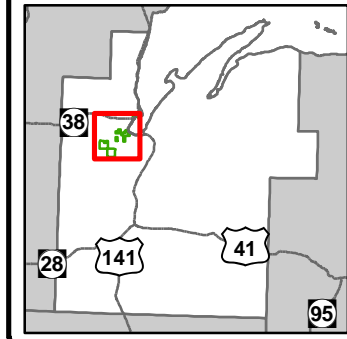
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Cover Type & Treatments

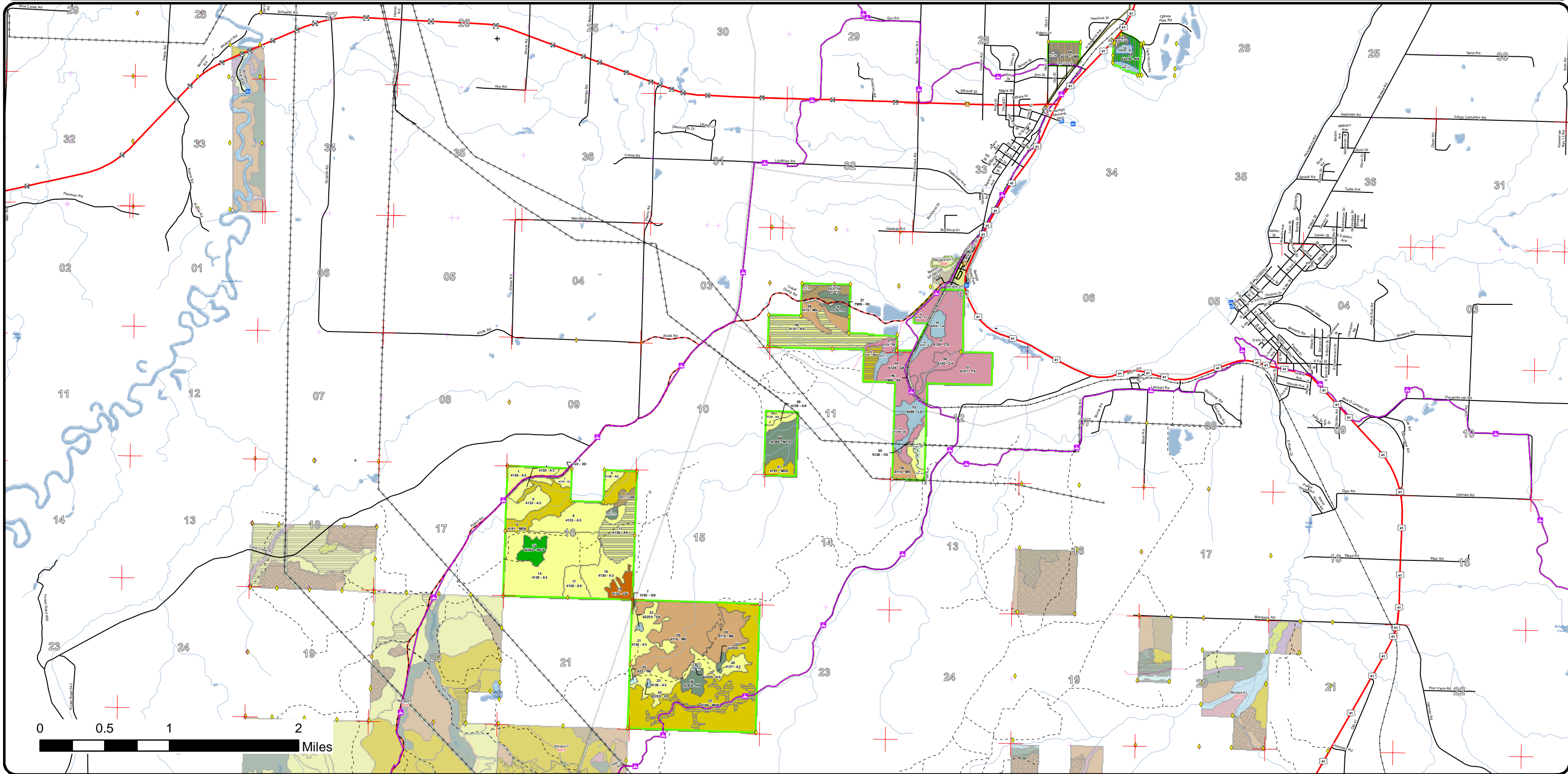
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- 🔍 Treatments with Site Conditions

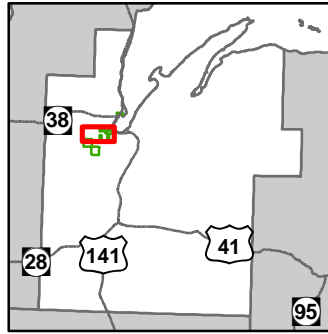
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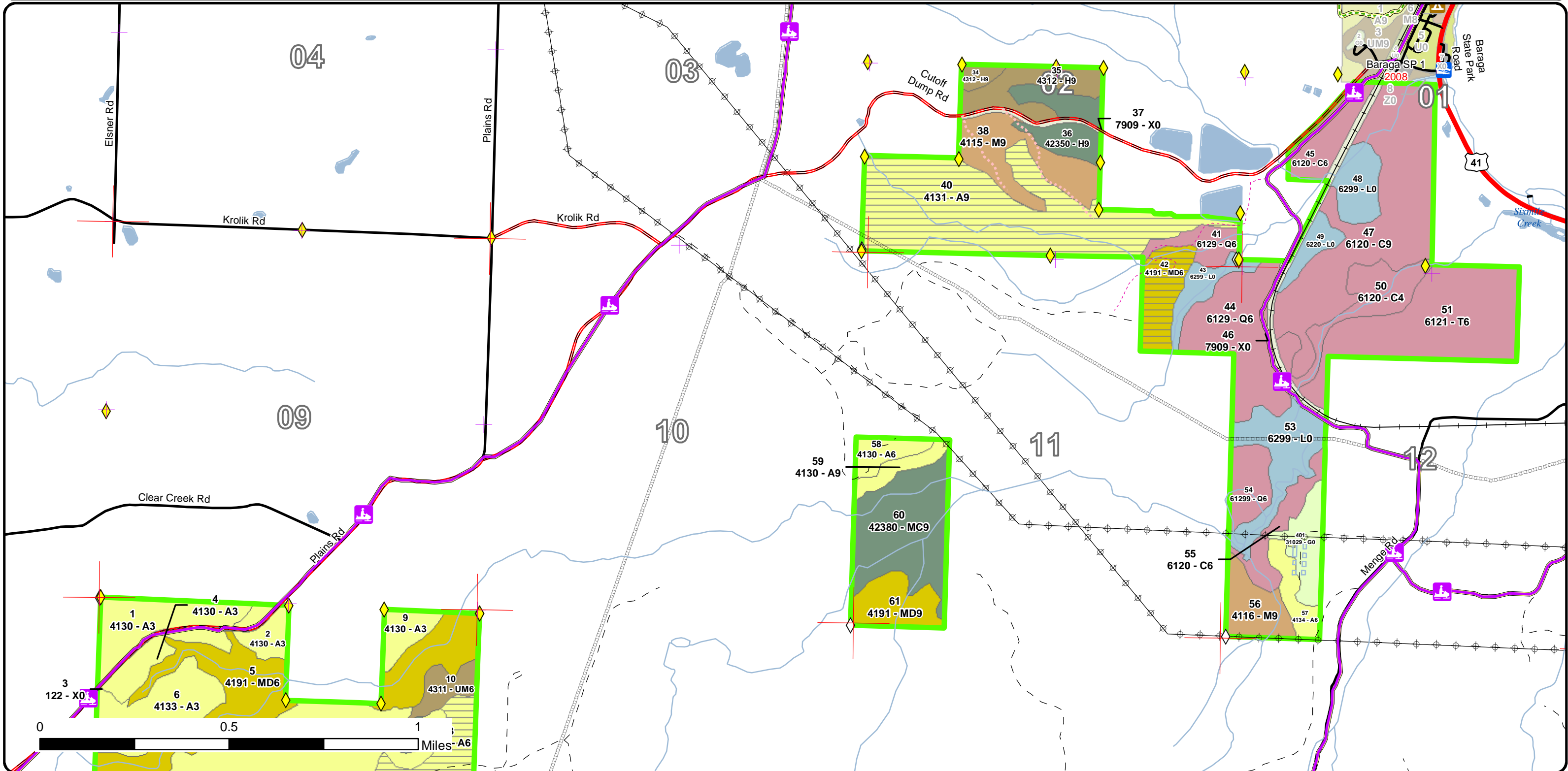


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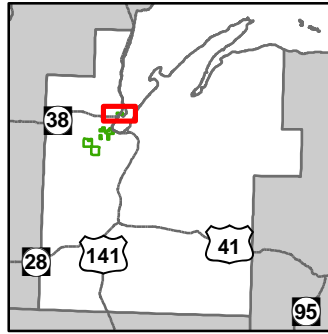


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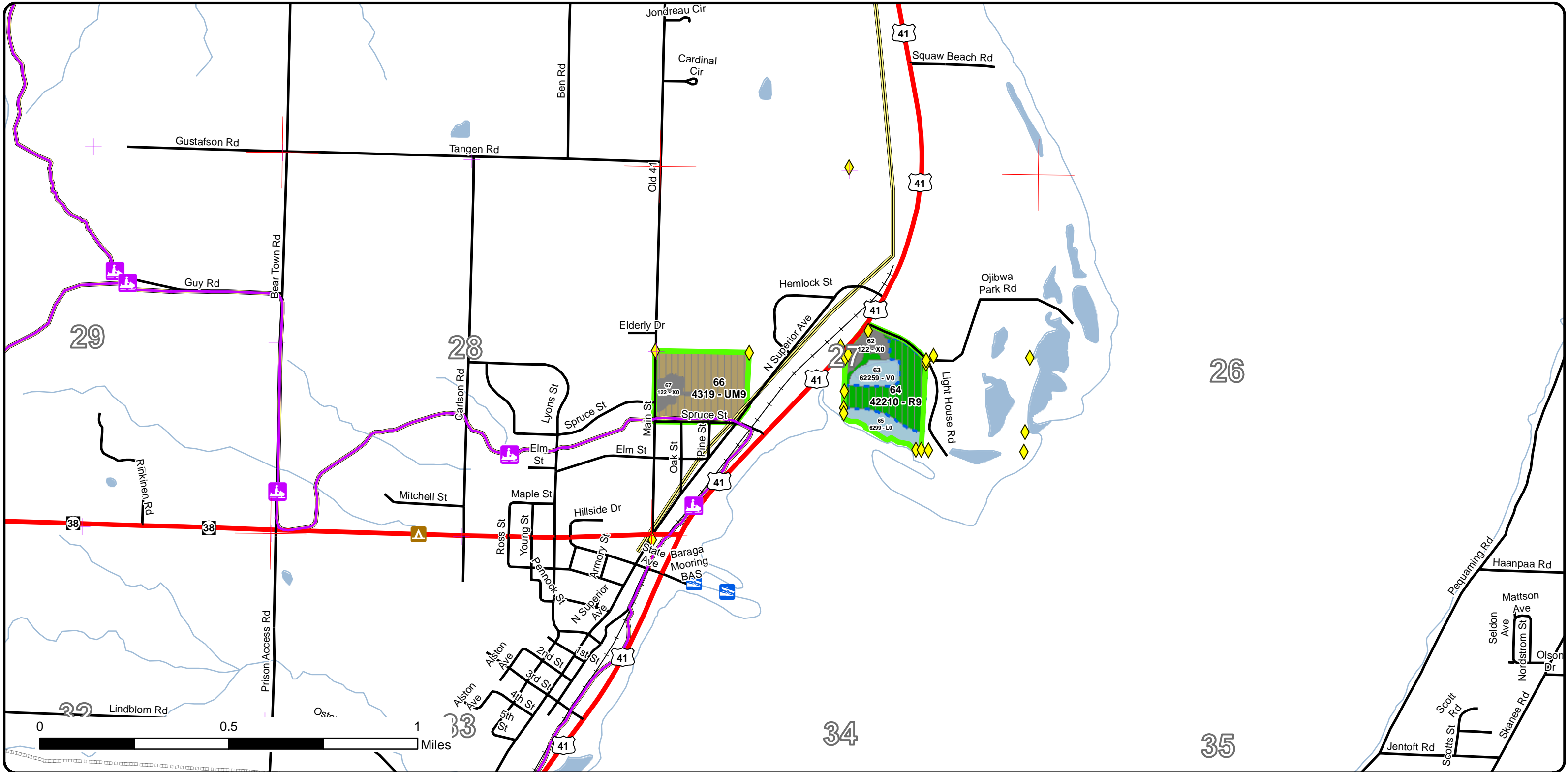


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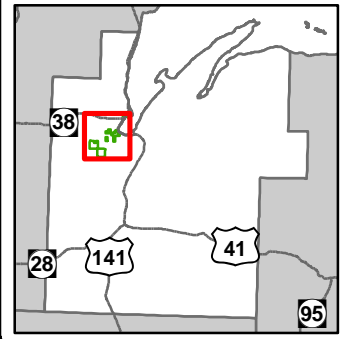


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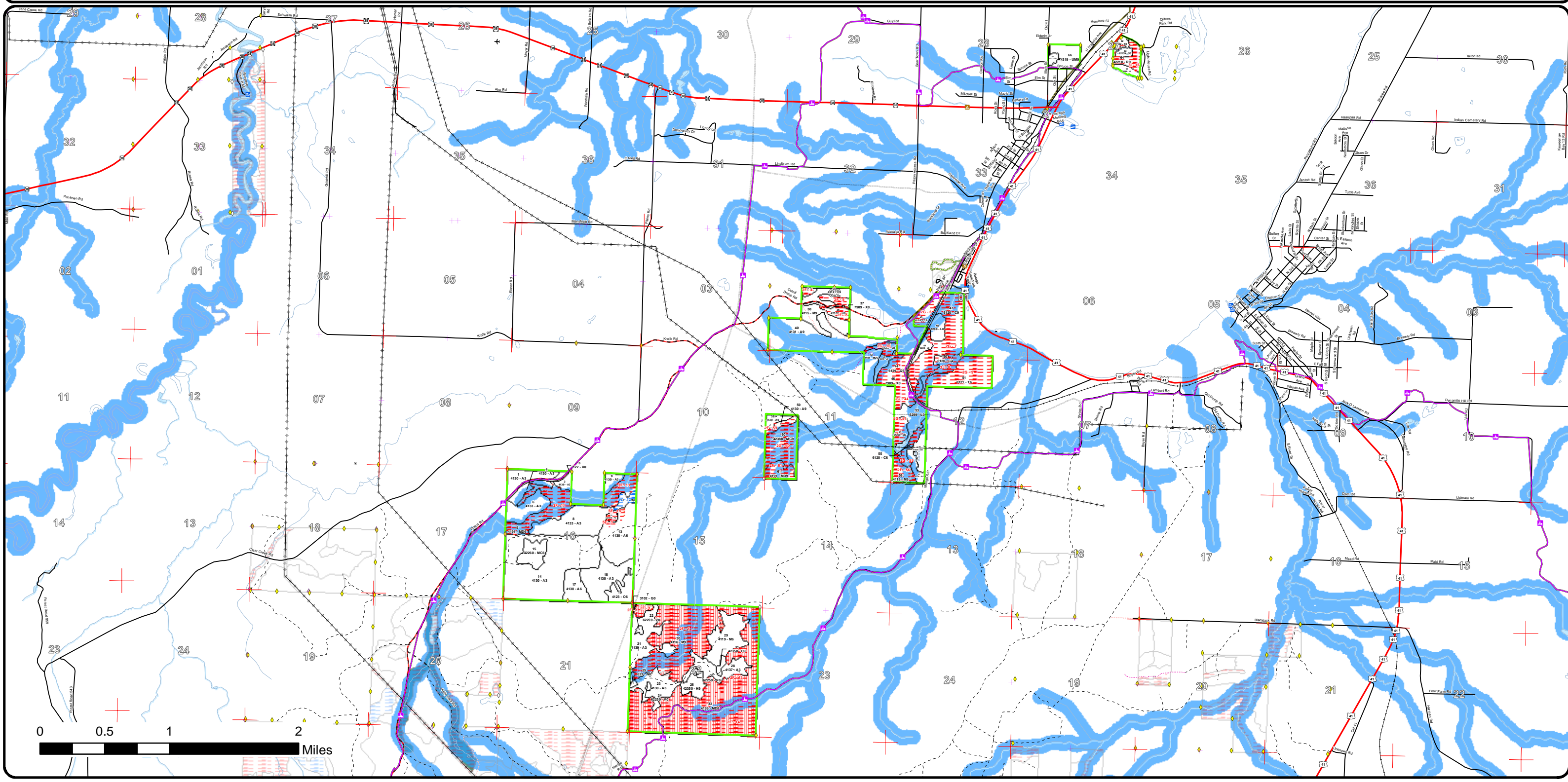
Special Conservation Areas & Site Conditions Map

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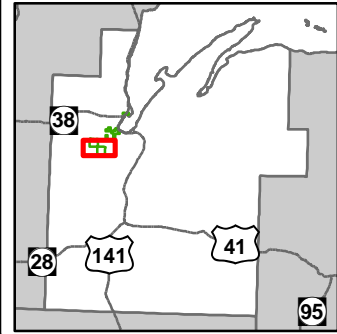
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- ▭ Stand Boundaries
- Available w/ Constraints

- Unavailable
- Available Factors W/ Constraints
- 5C: Delay treatment for age/size class diversity or exceptional site quality
- Unavailable Factors
- 2F: Too steep
- 2G: Too wet (sensitive soils, does not include access issues)
- 3I: Historical / archeological (add locked comments)
- 3J: Water quality / BMPs (stream, river, or lake)
- 5E: Long-Term Retention
- Special Conservation Areas
- Wild & Scenic Streams (USFS Lands)
- Wild & Scenic Rivers (USFS Lands)
- Cold Water Streams
- Cold Water Lakes
- High Priority Trout Stream Buffer
- Habitat Corridor

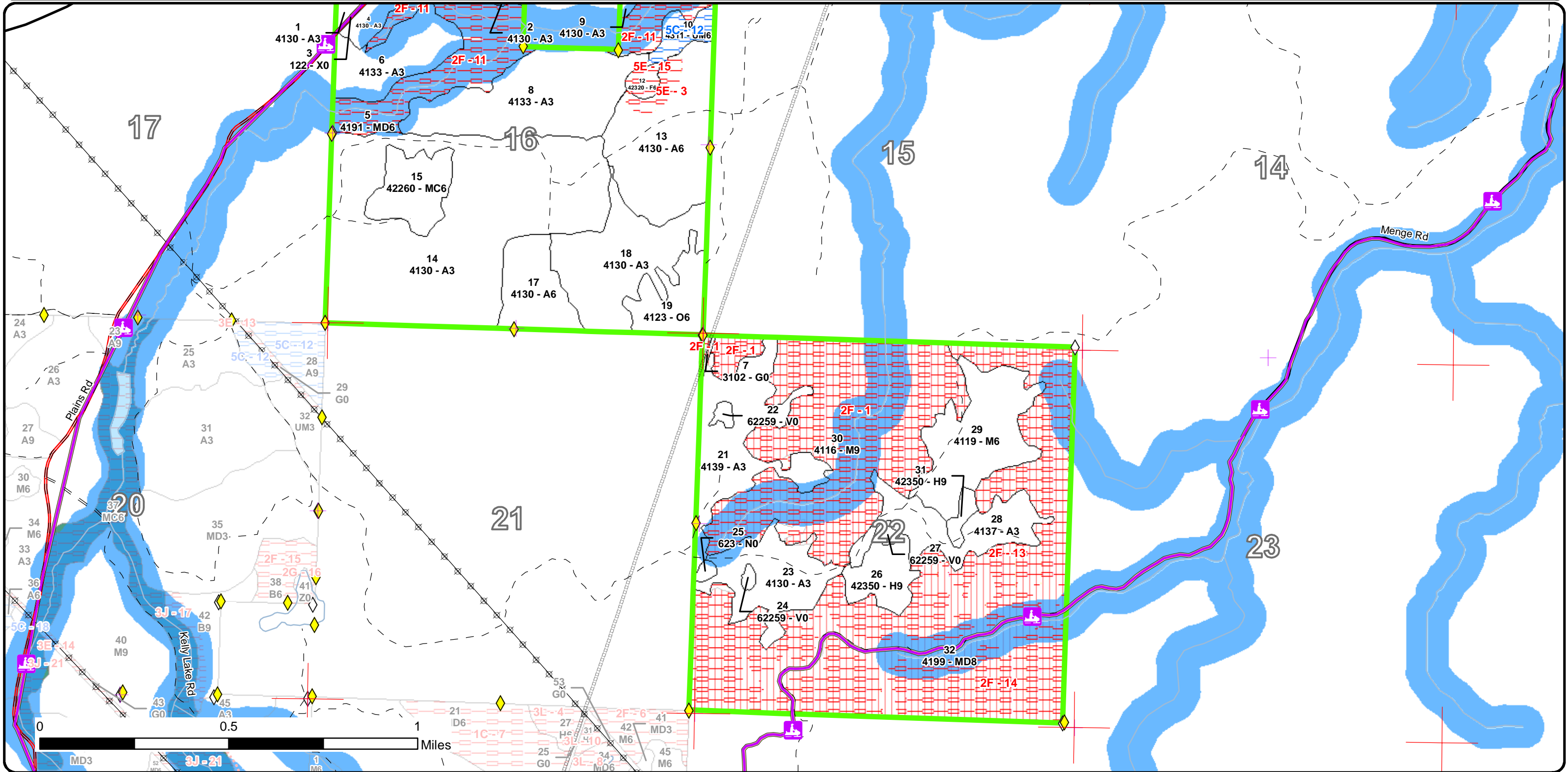


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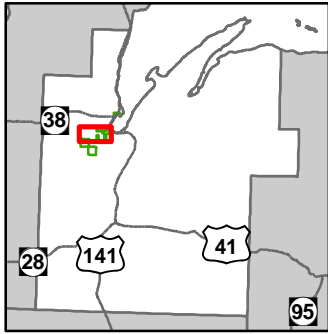


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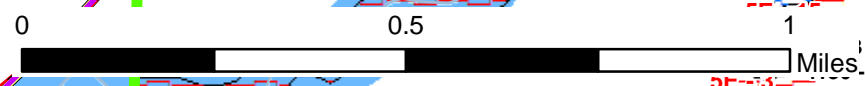
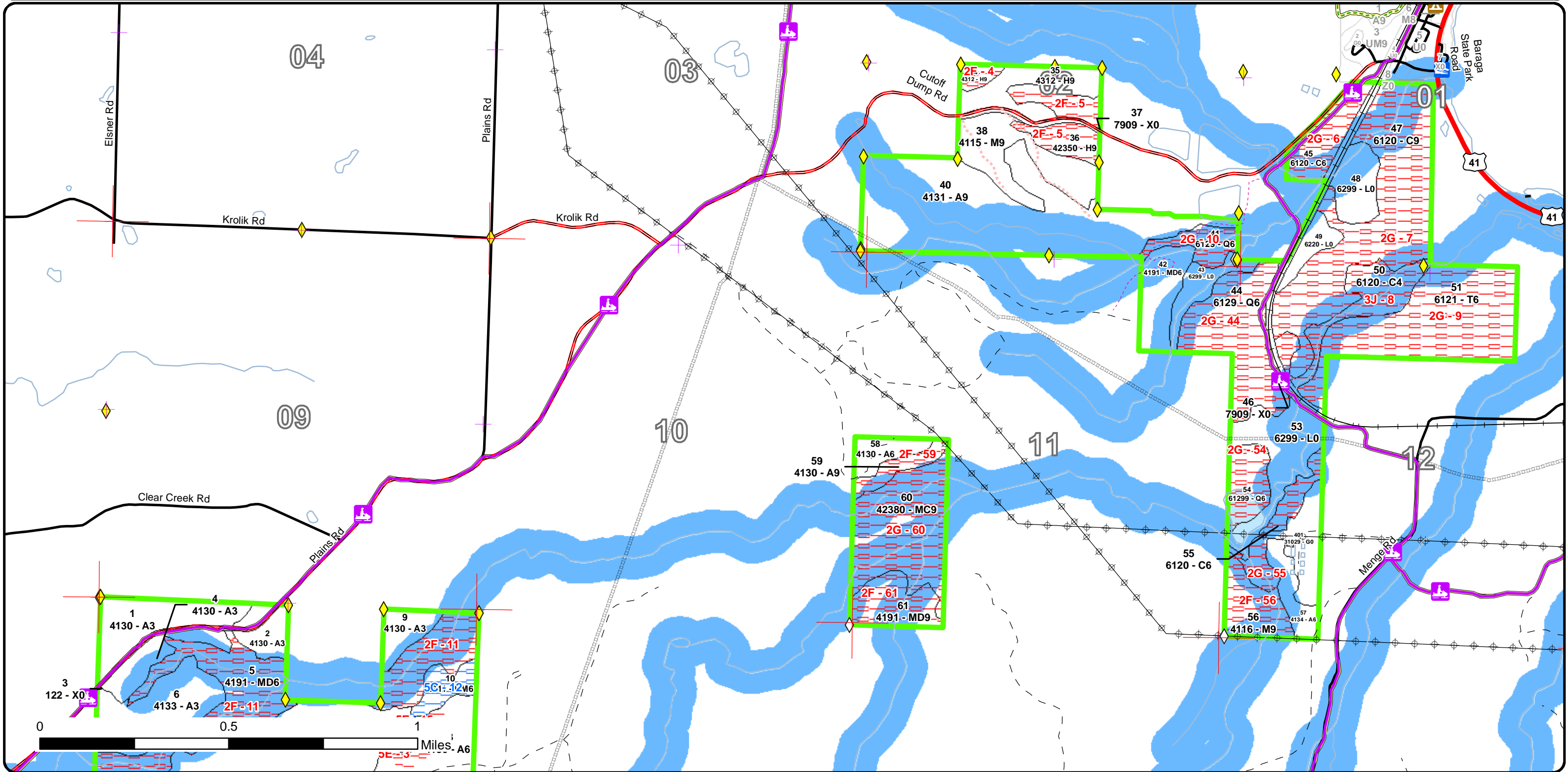
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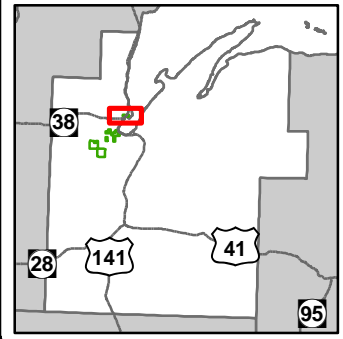
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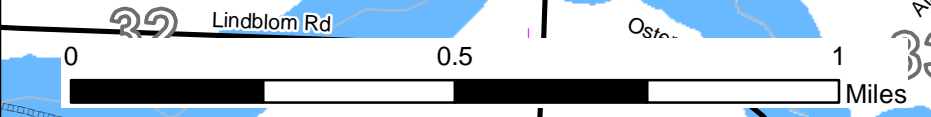
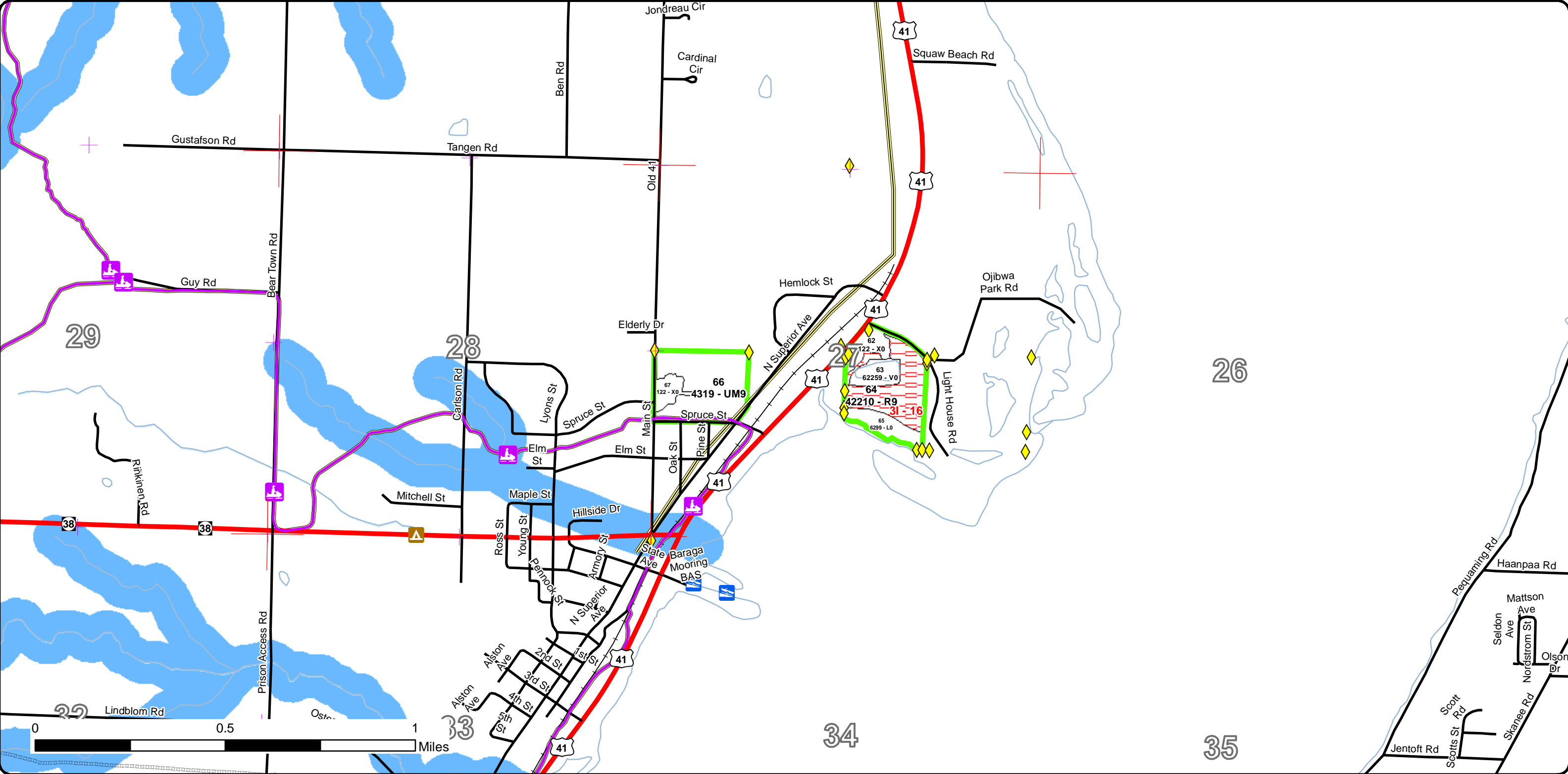


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Report 1 – Total Acres by Cover Type and Age Class



Age Class

	Non-Forest	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100-109	110-119	120-129	130-139	140-149	150+	Uneven-Aged	Total
Aspen	0	165	136	19	180	36	0	63	0	0	7	103	0	0	0	0	0	0	709
Bare/Sparsely Vegetated	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15
Bog	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
Cedar	0	0	0	0	0	0	0	0	0	0	0	0	13	22	97	0	0	0	132
Hemlock	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	62	62
Herbaceous Openland	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
Lowland Conifers	0	0	0	0	0	0	0	0	0	0	0	51	13	0	0	0	0	0	64
Lowland Shrub	65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	65
Marsh	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Mixed Upland Deciduous	0	0	0	0	0	0	17	0	73	279	17	0	0	0	0	0	0	0	386
Natural Mixed Pines	0	0	0	0	23	0	0	0	0	0	0	0	0	0	0	0	0	0	23
Northern Hardwood	0	0	0	0	0	0	0	0	0	158	16	0	0	0	0	0	0	77	251
Oak	0	0	0	0	0	22	0	0	0	0	0	0	0	0	0	0	0	0	22
Red Pine	0	0	0	0	0	0	0	0	0	0	0	0	18	0	0	0	0	0	18
Tamarack	0	0	0	0	0	0	0	0	0	0	0	0	0	64	0	0	0	0	64
Upland Conifers	0	0	0	0	0	0	0	46	0	0	0	0	0	0	0	0	0	0	46
Upland Mixed Forest	0	0	0	0	0	0	0	25	0	0	0	0	0	9	0	0	0	0	34
Upland Spruce/Fir	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	4
Urban	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13
Total	120	165	136	19	203	58	17	138	73	437	40	154	44	95	97	0	0	139	1935



Report 2 – Treatment Summary

Baraga Mgt. Unit

Year of Entry: 2017

Acres of Harvest

Compartment 5

Total Compartment Acres: 1,939

Commercial Harvest - 246
 Harvests with Site Condition - 16
 Next Step Harvest - 0
 Habitat Cut - 0

Cover Type by Harvest Method

	Clearcut	Selection	Patch Clearcut	Seed Tree	Shelterwood	Thinning	Overstory Removal	Salvage	Other	Total Acres
Aspen	160	0	0	0	0	0	0	0	0	160
Mixed Upland Deciduous	61	0	0	0	0	0	0	0	0	61
Red Pine	0	0	0	0	16	0	0	0	0	16
Upland Mixed Forest	0	0	0	0	25	0	0	0	0	25
Total	221	0	0	0	41	0	0	0	0	262

Proposed and Next Step Treatments by Harvest Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	262	0	0	0	0	0	0	0	0	262
Next Step	0	44	0	0	16	0	262	0	0	322
Total	262	44	0	0	16	0	262	0	0	585



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	Approval Status
13	11005013-Cut	56.8	4130 - Aspen	Poletimber Well	61	81-110	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	Proposal - Approval Pending Edits

Habitat Cut: No **Site Condition:** None

Prescription Harvest all trees 4.6" and larger at DBH, Reserve oak, red pine, white pine, cedar and hemlock if present.

Specs:

Next Step
Treatments:

Acceptable Any tree species that are currently represented in the over story.
Regen:

Other Old next step comments:
Comment:

Proposed Start Date: 10/1 /2016

32	11005032-Cut	43.5	4199 - Other Mixed Upland Deciduous	Sawtimber Medium	89	111-140	Harvest	Clearcut with Retention	4199 - Other Mixed Upland Deciduous	Two-Aged	Proposal - Approval Pending Edits
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Habitat Cut: No **Site Condition:** None

Prescription Cut all trees other than oak, hemlock, and pine unless marked with orange paint.

Specs: Winter cut only (deer yard).

Next Step 1 - SitePrep, Scarification; 2 - Monitoring, Natural Regen (Intermediate)
Treatments:

Acceptable Any tree species that are currently represented in the over story.
Regen:

Other Snowmobile train need to be rerouted to the Plains road for one year. Sale will be one year with no extensions. Old next step comments:
Comment:

Proposed Start Date: 10/1 /2016

40	11005040-Cut	103.2	4131 - Aspen, Oak	Sawtimber Well	104	Unspecified	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	Proposal - Approval Pending Edits
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Habitat Cut: No **Site Condition:** None

Prescription Cut all trees greater the 4.6" at DBH except hemlock and unmarked oak and pine. Mark oak to 10-30 BA, focusing on leaving large mast producing oak (18" and above). Mark pine To no less than a tree length apart.

Retention for this stand will be greater than 3% and will consist of reserve tree species.

Winter cut, no chipping of tops b/c of deer yard. Dec 1 - March 31.

Next Step
Treatments:

Acceptable Any tree species that are currently represented in the current over story.
Regen:

Other acres will be reduced due to steep slopes. reserve pine and hemlock. Mark oak down to 10-30 ba where present. Old next step comments:
Comment:

Proposed Start Date: 10/1 /2016



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	Approval Status
42	11005042-Cut	17.4	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	56	81-110	Harvest	Clearcut with Retention	413 - Aspen	Two-Aged	Proposal - Approval Pending Edits

Habitat Cut: No **Site Condition:** None

Prescription Cut all trees greater the 4.6" at DBH except hemlock and unmarked pine and oak if present. Mark oak to 10-30 BA, focusing on leaving large mast producing oak (18" and above) if present. Mark pine to no less than a tree length apart.

Specs:

Retention for this stand will be greater than 3% and will consist of reserve tree species.

Winter cut, no chipping of tops b/c of deer yard. Dec 1 - March 31.

Next Step
Treatments:

Acceptable Any tree species that are currently represented in the current over story.

Regen:

Other Old next step comments:

Comment:

Proposed Start Date: 10/1 /2016

64	11005064-Cut	16.3	42210 - Natural Red Pine	Sawtimber Well	114	111-140	Harvest	Shelterwood	429 - Mixed Upland Conifers	Two-Aged	Proposal - Approval Pending Edits
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Habitat Cut: No **Site Condition:** Historical/Archaeological

Prescription Leave tree mark Red and White to a residual of 20-30 BA. Retain all Red Oak.

Specs:

Next Step 1 - Monitoring, Natural Regen (Intermediate); 2 - Burn, Understory

Treatments:

Acceptable The subcanopy is currently fully stocked with 5-10 ft tall Red and White Pine. Medium stock with 5-10 ft tall Red Oak and Red Maple.

Regen: Acceptable regeneration would consist of these species and a component of Black Spruce and Balsam.

Other May need to follow up with planting Red Pine to maintain its presence in the stand. Old next step comments:

Comment:

Proposed Start Date: 10/1 /2016

66	11005066-Cut	25.2	4319 - Mixed Upland Forest	Sawtimber Well	64	141-170	Harvest	Shelterwood with Retention	4319 - Mixed Upland Forest	Even-Aged	Proposal - Approval Pending Edits
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Habitat Cut: No **Site Condition:** None

Prescription Cut all trees greater than 4.6" at DBH that meets product standards except white pine, cedar, hemlock and oak unless marked with orange paint.

Specs: New trail will be marked out on west side of stand to the north for future trail.

Next Step
Treatments:

Acceptable Any tree species that are currently represented in the over story.

Regen:

Other Duration of sale should be one year only with no extensions. Old next step comments:

Comment:

Proposed Start Date: 10/1 /2016

Total Treatment Acreage Proposed: 262.4

Report 5 – Site Conditions

Baraga Mgt. Unit
Jason Mittlestat : Examiner

Compartment: 5
Year of Entry: 2017

Dominant Site Conditions

	2G	3I	3J	5C	5E
Aspen					6
Bare/Sparsely Vegetated					
Bog					
Cedar	110		22		
Hemlock					
Herbaceous Openland					
Lowland Conifers	64				
Lowland Shrub					
Marsh					
Mixed Upland Deciduous					
Natural Mixed Pines					
Northern Hardwood					
Oak					
Red Pine		18			
Tamarack	64				
Upland Conifers	46				
Upland Mixed Forest				9	
Upland Spruce/Fir					4
Urban					
Total Forested Acres	285	18	22	9	10
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 Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
1	Unavailable	2F: Too steep	158	3J: Water quality / BMPs (stream, river, or lake)	1C: Other dept or div proc/practices	Unspecified	Unspecified
Comments: Deer Yard (SCA)							

Report 5 – Site Conditions

Baraga Mgt. Unit
Jason Mittlestat : Examiner

Compartment: 5
Year of Entry: 2017

2	Unavailable	3D: Recreational / Scenic values	0	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
3	Unavailable	5E: Long-Term Retention	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments: LTR for stand 13.							
4	Unavailable	2F: Too steep	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
5	Unavailable	2F: Too steep	19	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
6	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	16	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
7	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	81	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
8	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	22	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments:							

Report 5 – Site Conditions

Baraga Mgt. Unit

Jason Mittlestat : Examiner

Compartment: 5

Year of Entry: 2017

9	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	64	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
10	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	10	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
11	Unavailable	2F: Too steep	73	3J: Water quality / BMPs (stream, river, or lake)	5E: Long-Term Retention	Unspecified	Unspecified
Comments: Served as retention for stands 8,10, 4, 2, 9, 6 when those stands were harvested.							
12	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	9	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Stand just harvested, shows up because of age, but stocking has been reduced.							
13	Unavailable	2F: Too steep	176	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
14	Unavailable	2F: Too steep	56	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 5 – Site Conditions

Baraga Mgt. Unit
Jason Mittlestat : Examiner

Compartment: 5
Year of Entry: 2017

15	Unavailable	5E: Long-Term Retention	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
16	Unavailable	3I: Historical / archeological (add locked comments)	18	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
44	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	41	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
54	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	13	2E: Road needed	2B: Unknown if access through adjacent landowner(s) is possible	Unspecified	Unspecified
Comments:							
55	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	13	3J: Water quality / BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
Comments:							
56	Unavailable	2F: Too steep	17	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 5 – Site Conditions

Baraga Mgt. Unit

Jason Mittlestat : Examiner

Compartment: 5

Year of Entry: 2017

59	Unavailable	2F: Too steep	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
60	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	46	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
61	Unavailable	2F: Too steep	17	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Mgt. Unit

Compartment: #Type!

Year of Entry:



Report 6 – 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



Report 7 – 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	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.



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
1	4130 - Aspen	Sapling Well	24.4	18	Immature	OI Stand Year Origin was 1997. Ski trail Aspen 11-006-96-01 cut in 1997.
2	4130 - Aspen	Sapling Well	9.9	26	Immature	Six mile creek aspen 11-004-86-01. cut in 1989.
4	4130 - Aspen	Sapling Well	12.7	7	Immature	Skyline Aspen 11-001-07-01. TCR 6/29/2009. Shamco cut. Previous yr of origin 1943.
5	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	73.3	72	81-110	Steep slopes on drainage to six mile creek.
6	4133 - Aspen, Mixed Pine	Sapling Well	31.0	18	Immature	Ski trail Aspen 11-006-96-01, cut in 1997.
8	4133 - Aspen, Mixed Pine	Sapling Well	64.4	7	Immature	Previous yr of origin 1945. Skyline Aspen 11-001-07-01. TCR 6/29/2009. Shamco cut.
9	4130 - Aspen	Sapling Well	9.2	26	Immature	Six Mile Creek Aspen 11-004-86-01, cut in 1989
10	4311 - Pine, Aspen Mix	Poletimber Well	9.1	122	1-50	Previous yr of origin 1893. will have to be summer cut b/c of snomo trail. Final harvest in 2009 of all species other than unmarked pine, hemlock, cedar and oak. Some red and white pine were marked. Skyline Aspen 11-001-07-01. TCR 6/29/2009. Shamco cut. Stand just harvested, shows up because of age, but stocking has been reduced.
12	42320 - Upland Spruce	Poletimber Well	4.1	64	81-110	OI Stand Year Origin was 1954. long term Retention.
13	4130 - Aspen	Poletimber Well	63.3	61	81-110	OI Stand Year Origin was 1954
14	4130 - Aspen	Sapling Well	172.0	35	Unspecified	part of an herbicide experiment with Michigan Tech. Whole tree chip site. Red and white pine left.
15	42260 - Natural Pine, Mixed Deciduous	Poletimber Well	23.2	35	1-50	part of an herbicide experiment with Michigan Tech. Whole tree chip site. Red and white pine left. Heavy deer browse.
17	4130 - Aspen	Poletimber Well	25.9	46	Unspecified	Partially cutover in 1969. Two aged, but mostly 1969 origin.
18	4130 - Aspen	Sapling Well	53.2	7	Immature	Previous yr of origin 1947. Final harvest. Skyline Aspen 11-001-07-01. TCR 6/29/2009. Shamco cut.
19	4123 - Red Oak	Poletimber Well	21.6	49	81-110	Previous yr of origin 1947. Final harvest in 2007. Skyline Aspen 11-001-07-01. TCR 6/29/2009. Shamco cut. Possible overstory removal in 2027



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
21	4139 - Aspen, Mixed Deciduous	Sapling Well	48.5	18	Immature	OLD LOGGING RAILROAD GRADE. WIDELY SCATTERED OAK LEFT FOR WILDLIFE. Bay view Block unit 2 11-007-96- 01, cut in 1997.
23	4130 - Aspen	Sapling Well	35.0	7	Immature	Cut during the winter of 2007/08 as part of "Black Powder Hardwoods" (11-003-07-01).
26	42350 - Upland Hemlock	Sawtimber Well	17.5	178	141-170	cut the winter of 2007/08 as part of "Black Powder Hardwoods" (11-003-07-01). Heavy deer browse.
28	4137 - Aspen, Birch	Sapling Well	32.5	18	Immature	WIDELY SCATTERED OAK LEFT FOR WILDLIFE. Bay view Block, 11-007-96-01, unit 3 cut in 1997.
29	4119 - Mixed Northern Hardwoods	Poletimber Well	48.6	178	51-80	Cut during the winter of 2007/08 as part of "Black Powder Hardwoods" (11-003-07-01), unit 4.
30	4116 - Mixed N. Hardwood - Aspen	Sawtimber Well	158.3	89	111-140	STEEP SLOPES. Good quality aspen cover type to let go natural.
31	42350 - Upland Hemlock	Sawtimber Well	4.0	178	171-200	heavy deer browse.
32	4199 - Other Mixed Upland Deciduous	Sawtimber Medium	278.6	89	111-140	SOME AREAS HAVE BEEN CUT- IN 1950'S ASPEN REPRO THERE VERY HIGH ERROSION IN VALLEYS WHERE ROADS WERE MADE. Was placed in SC8 in YOE 97 Review. Good quality aspen cover type to let go natural.
34	4312 - Hemlock, Mixed Deciduous	Sawtimber Well	3.6	178	141-170	steep slopes
35	4312 - Hemlock, Mixed Deciduous	Sawtimber Well	18.4	178	111-140	"Aroma Hdwds" (11-004-07-01) cut in the winter of 08-09 by Park Falls Hdwds.
36	42350 - Upland Hemlock	Sawtimber Well	19.0	178	171-200	steep slopes
38	4115 - Y.Birch, Hemlock NH	Sawtimber Well	28.5	78	81-110	"Aroma Hdwds" (11-004-07-01) cut in the winter of 08-09 by Park Falls Hdwds.
40	4131 - Aspen, Oak	Sawtimber Well	103.2	104	Unspecified	STEEP SLOPES, SOME SKID TRAILS IN VALLEYS Snowmobile trail runs through east part of stand.
41	6129 - Mixed Coniferous Lowland Forest	Poletimber Well	9.9	106	Unspecified	OI Stand Year Origin was 1909. Snowmobile train runs through stand.
42	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	17.4	56	81-110	OI Stand Year Origin was 1959
44	6129 - Mixed Coniferous Lowland Forest	Poletimber Well	41.4	106	51-80	OI Stand Year Origin was 1909, wet. Snowmobile trail runs through stand.



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
45	6120 - Lowland Cedar	Poletimber Well	16.1	136	141-170	OI Stand Year Origin was 1879, wet. Snowmobile trail runs through stand.
47	6120 - Lowland Cedar	Sawtimber Well	81.0	139	Unspecified	OI Stand Year Origin was 1876. wet.
50	6120 - Lowland Cedar	Poletimber Poor	22.0	123	Unspecified	stand was non-forested. creek runs through stand. Age from adj. stand-1876.
51	6121 - Tamarack	Poletimber Well	64.0	123	Unspecified	OI Stand Year Origin was 1892. wet, no road.
54	61299 - Mixed Swamp Conifer (OI)	Poletimber Well	13.1	117	111-140	OI Stand Year Origin was 1898, could not get to stand. open water on creek.
55	6120 - Lowland Cedar	Poletimber Well	13.0	114	81-110	OI Stand Year Origin was 1901. Wet, inf zone
56	4116 - Mixed N. Hardwood - Aspen	Sawtimber Well	16.5	93	111-140	OI Stand Year Origin was 1922. was aspen, converting to hdwd, potential old growth, steep slopes, bmp.
57	4134 - Aspen, Spruce/Fir	Poletimber Well	10.3	47	Unspecified	OI Stand Year Origin was 1968. Some areas of small pole-sapling aspen. Possibly cut in 2027.
58	4130 - Aspen	Poletimber Well	8.1	37	Unspecified	OI Stand Year Origin was 1978
59	4130 - Aspen	Sawtimber Well	7.0	93	111-140	OI Stand Year Origin was 1922. Very steep slopes.
60	42380 - Non Pine Upland Conifer, Mixed Deciduous	Sawtimber Well	46.3	69	111-140	OI Stand Year Origin was 1946. BMP-water quality.
61	4191 - Mixed Upland Deciduous with Conifer	Sawtimber Well	17.4	93	141-170	OI Stand Year Origin was 1922. was an aspen stand now M6. Steep slopes.
64	42210 - Natural Red Pine	Sawtimber Well	17.5	114	111-140	FMD: CONVERTING TO WHITE PINE. Ownership east of stand being transferred to KBIC. #110050701 Victorias Pine. Closed 12/7/2007. Look to maybe harvest again in 2017 Old power or phone line in trees on the south edge of stand.
66	4319 - Mixed Upland Forest	Sawtimber Well	25.2	64	141-170	Stand is in the village of Baraga. supply landing area (bone yard). Remove site condition(1D).



Stand	Cover Type	Acres	Managed Site	General Comments:
3	122 - Road/Parking Lot	3.4	No	County road
7	3102 - Grass	0.7	No	Gas Line
22	62259 - Bog (OI)	1.8	No	
24	62259 - Bog (OI)	1.2	No	
25	623 - Emergent Wetland	1.5	No	OI Stand Year Origin was 1951. Overstory flooded out, standing snags.
27	62259 - Bog (OI)	1.3	No	
37	7909 - Nonstocked (OI)	3.4	No	County road
43	6299 - Lowland Shrub (OI)	10.1	No	Tag-full, sparse trees 25,22,27.
46	7909 - Nonstocked (OI)	11.6	No	railroad row
48	6299 - Lowland Shrub (OI)	13.6	No	tag-full, sparse trees
49	6220 - Alder/willow	7.1	No	converting to forested.
53	6299 - Lowland Shrub (OI)	27.2	No	tag alder, sparse trees: 22, 27, 30.
62	122 - Road/Parking Lot	5.7	No	DISTRICT OFFICE COMPLEX
63	62259 - Bog (OI)	5.1	No	FMD: FORMER BORROW PIT
65	6299 - Lowland Shrub (OI)	6.7	No	FMD: GREAT LAKES SHORELINE Sparse trees- White pine +18" dbh
67	122 - Road/Parking Lot	4.1	No	Old FIELD OFFICE SITE/Parks. There are building on this site.
401	31029 - Grass (OI)	15.2	No	FORMER LANDFILL, UNDER RESTRICTIVE COVENANT