



Compartment Review Presentation

Gwinn Forest Management Unit

Compartment 32205

Entry Year 2025

Acreage: 1,229

County Marquette

Management Area: Michigamme Highlands

Stand Examiner: Rick Hill

Legal Description:

T50N-R29W sections 2, 12, T50N-R28W, sections 5-8. T51N- 28W, section 36.

Identified Planning Goals:

Vegetative management will provide a variety of forest products; maintain or enhance wildlife habitat; protect areas with unique characteristics; and provide for forest based recreational uses.

Soil and topography:

The southern part of this compartment is a portion of the Yellow Dog Plains, a flat sandy outwash area with level to gently sloping topography. The northern portion of this compartment consists of glacial moraines with a topography that is generally rolling to very hilly and contains rock knobs. Soils range from loamy sands to loams.

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

Compartment is somewhat scattered with a mix of mine lands small nonindustrial private lands and commercial forest lands.

Unique Natural Features:

The headwaters of the Salmon Trout River originate in the northern portions of this compartment.

Archeological, Historical, and Cultural Features:

Eagle Rock an area sacred to local Native American tribes is present within the compartment.

Special Management Designations or Considerations:

the Eagle Mine location and associated lease are within the compartment. a few RMZs for cold water streams are present. A MNFI hit for bedrock glade is present within the compartment as well.

Watershed and Fisheries Considerations:

The headwaters of the Salmon Trout River are present within the compartment.

Wildlife Habitat Considerations:

This compartment is found within the Michigamme Highlands Management Area, which is on an Outwash Plain in northern Marquette County. The State Forest covers about 3,800 acres and is somewhat scattered parcels. The dominant natural communities are dry northern forest. The major forest cover type is jack pine. This management area provides multiple benefits to the public including forest products, dispersed recreational activities, and habitat for fish and wildlife species. The management priority in this area is to continue to provide these multiple benefits in a sustainable manner while minimizing user conflicts. Wildlife considerations in the Michigamme Highlands Management Area consist of managing jack pine habitat with strategies that more closely mimic natural fire disturbance regimes, to increase early successional jack pine management where appropriate while increasing stand size and striving to accommodate many species associated with xeric forest habitat is desirable. Some of the most significant wildlife management issues in the management area are mast (hard and soft); habitat fragmentation; within stand diversity; mature forest condition; mesic conifer; large open land complexes; and early successional forest.

The following have been identified as featured species for the Menominee-Marquette Management Area: Blackburnian Warbler, Black-throated Blue Warbler, Cerulean Warbler, Kirtland's Warbler, Red Crossbill, Black-backed Woodpecker, Spruce Grouse, Ruffed Grouse, Snowshoe Hare, White-tailed Deer, Black Bear.

Mineral Resource and Development Concerns and/or Restrictions

Surface sediments consist of coarse-textured glacial till and glacial outwash sand and gravel and postglacial alluvium. The glacial drift thickness varies between 10 and 50 feet or insufficient data to determine the thickness. The Precambrian Michigamme Formation and Archean Granite/Gneiss subcrop below the glacial drift. The Granite/Gneiss could be used for building or dimension stone. Gravel pits are not located in the area, but potential appears to be good. Silver Mine Lake is located four miles to the south. This compartment is currently leased for metallic exploration and is located just east of Eagle Mine. There is no economic oil and gas production in the UP.

Vehicle Access:

Is good to the compartment but is somewhat limited internally.

Survey Needs:

Any needed surveys will be requested after the compartment review.

Recreational Facilities and Opportunities:

A designated snowmobile trail runs through this area. Other than the trail, primary public use in this area is for passive recreation.

Fire Protection:

The jack pine portions of this compartment presents an elevated risk due to fuel types and its distance from response stations. There are a number of camps and seasonal dwelling in this area.

Additional Compartment Information:**The following reports from the Inventory are attached:**

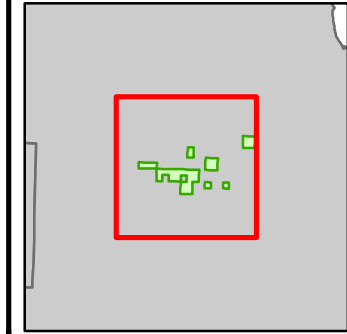
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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

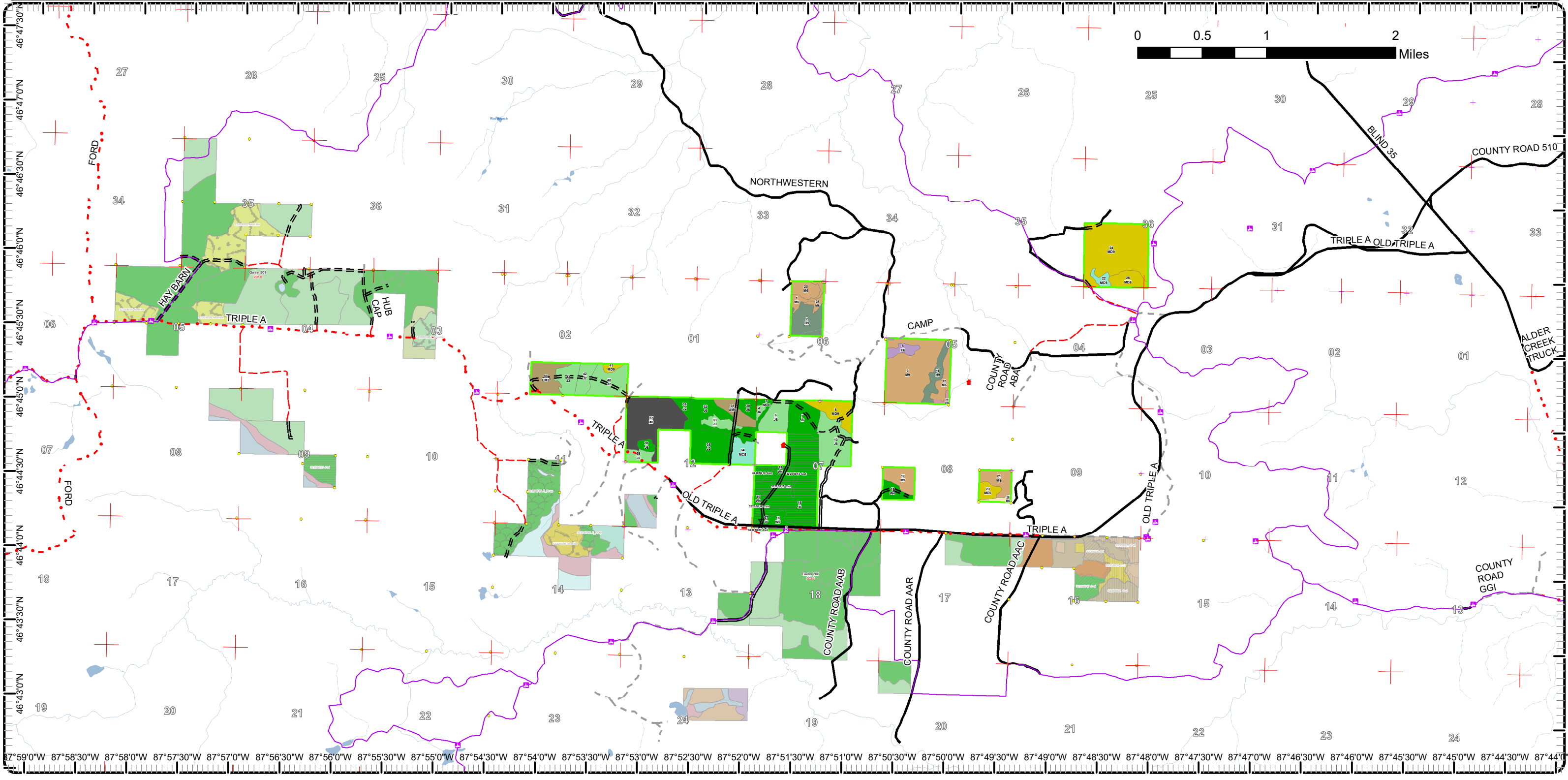
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

Overview Map

Compartment: 205
 T51N,R28W, Sec. 36
 T50NR29W Sec. 02,12
 T50N, R28W Sec. 05-08
 County: Marquette
 Unit: Gwinn
 Mgmt Area: Michigamme
 Highlands
 YOE: 2025
 Acres: 1229.4 GIS Calculated
 Examiner: Rick Hill
 Map Revised: 8/17/2023
 Map Phase: Pre-Review

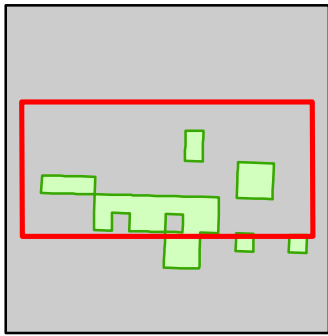


- Miris Corners
- + Remonumented Section Corners
- Survey Grade Corners
- Counties
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State / County - Paved Road
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Private - Paved Road
- Private - Dirt / Gravel Road
- Snowmobile Trails
- Designated Snowmobile Trails
- ▲ Cabin
- Intermittent Stream
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Compartment Boundary
- Clearcut (w/Reserves)
- 411 - Northern Hardwood
- 414 - Other Upland Deciduous
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 422 - Natural Pines
- 423 - Other Upland Conifers
- 429 - Mixed Upland Conifers
- 430 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 122 - Roads/Parking Lot
- 123 - Other High Intensity Urban

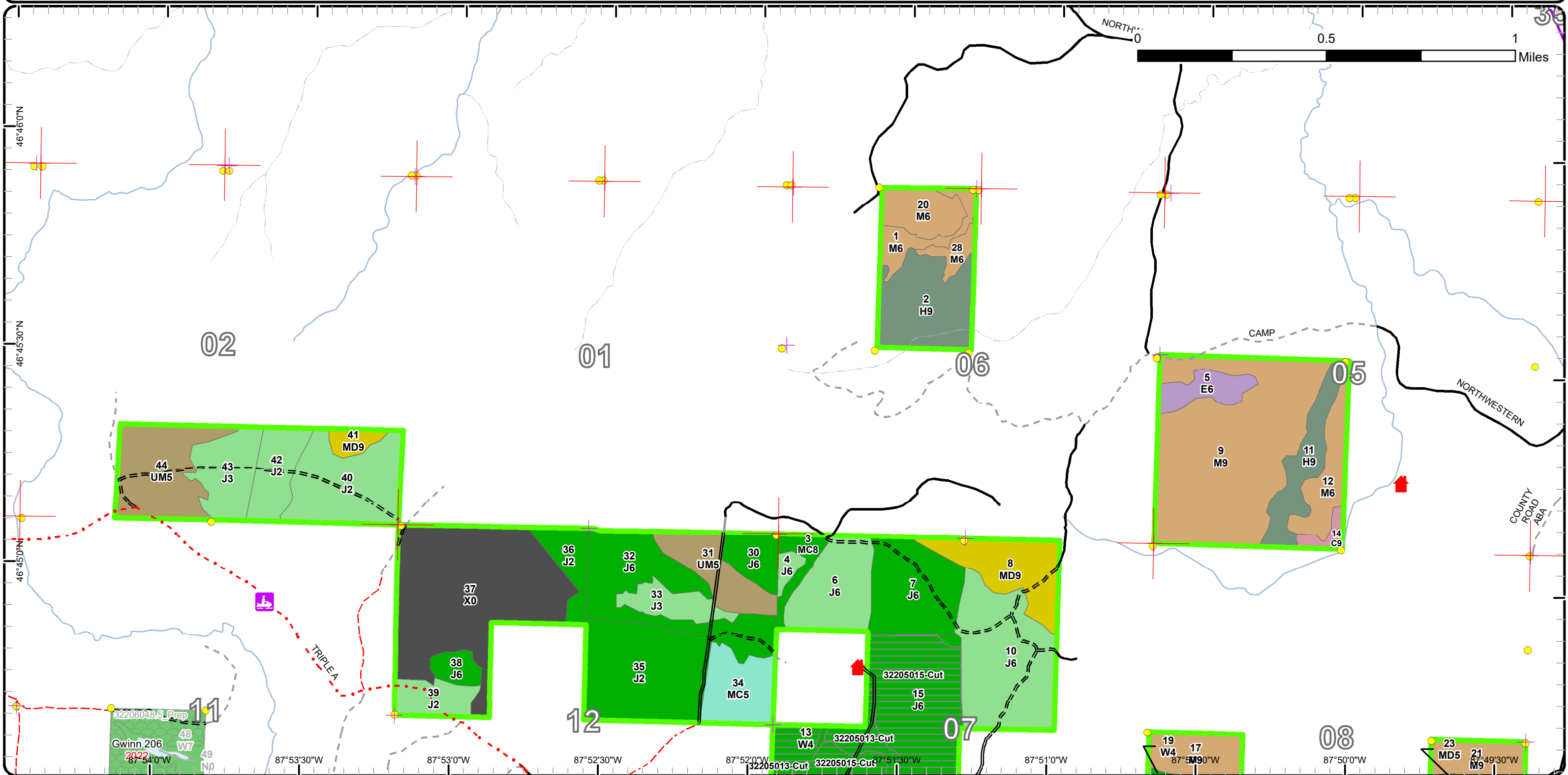


Cover Type & Treatments Map

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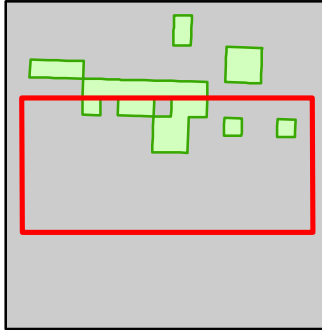


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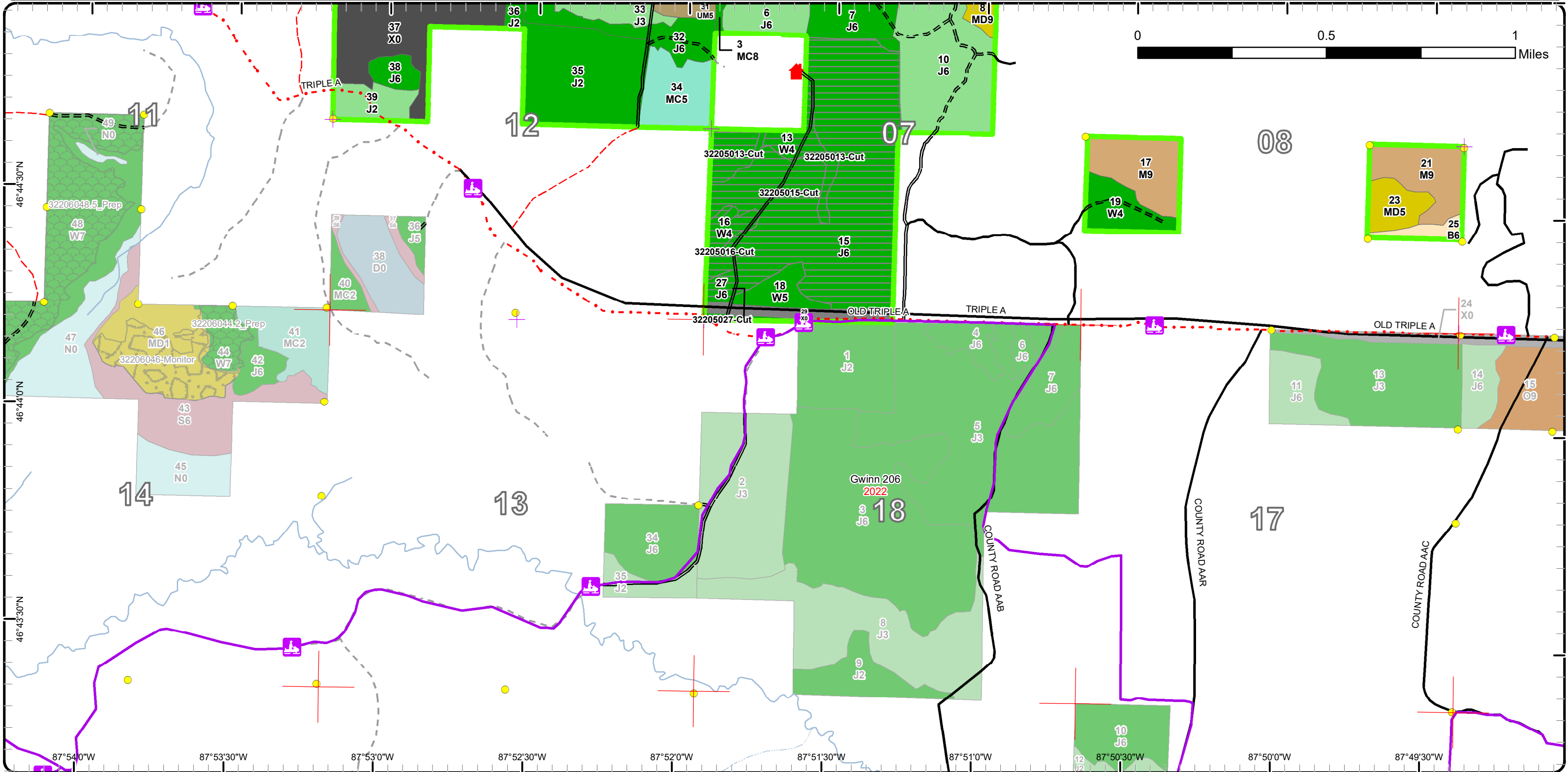
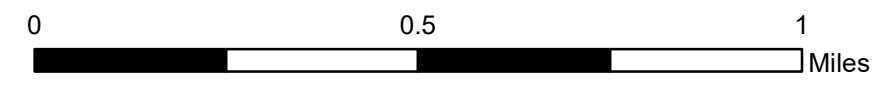


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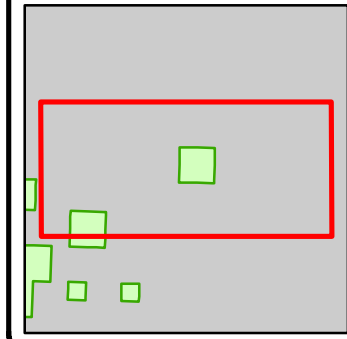


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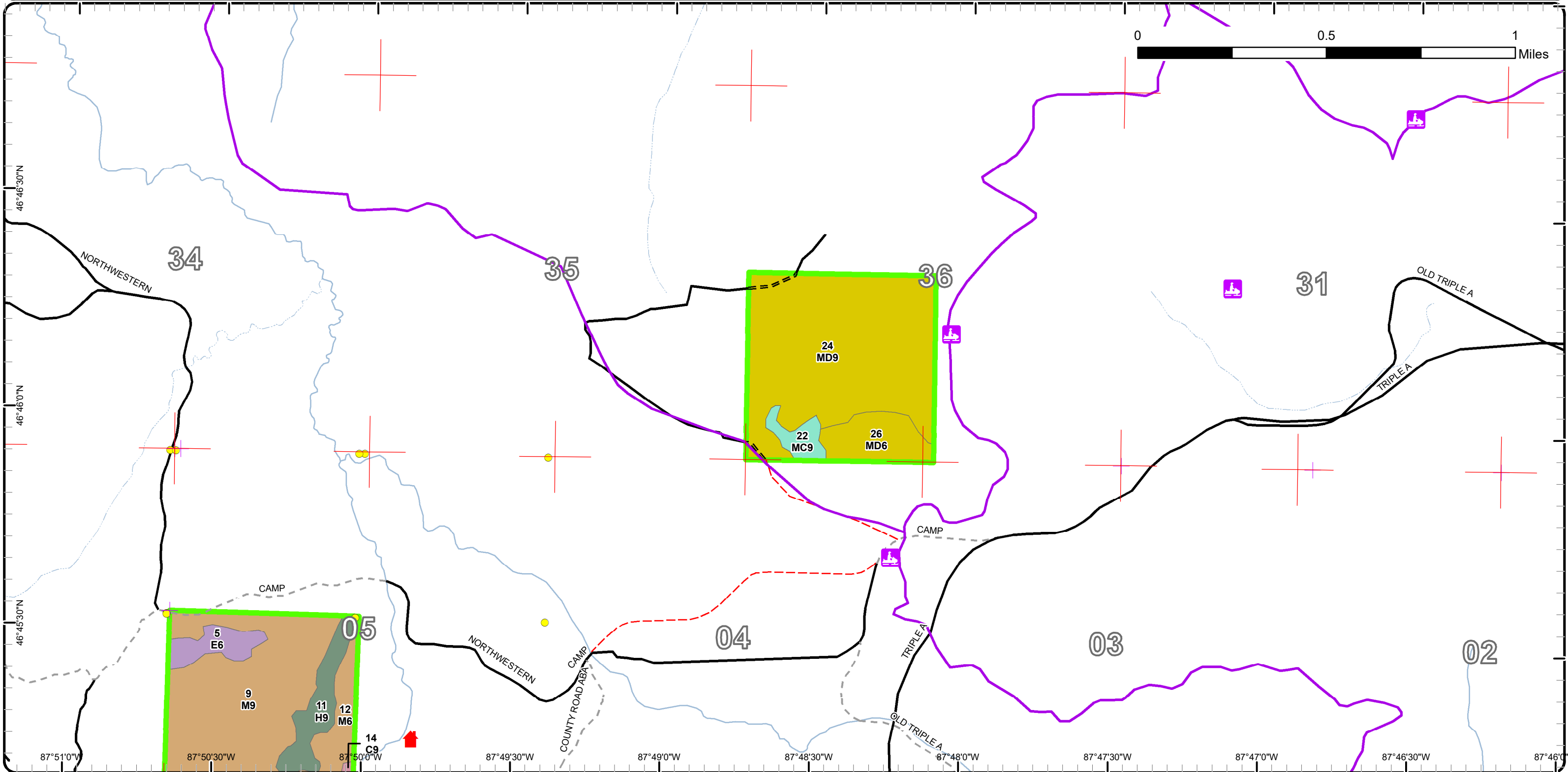


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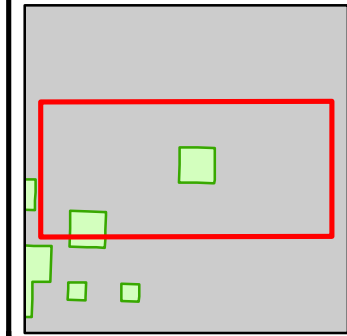


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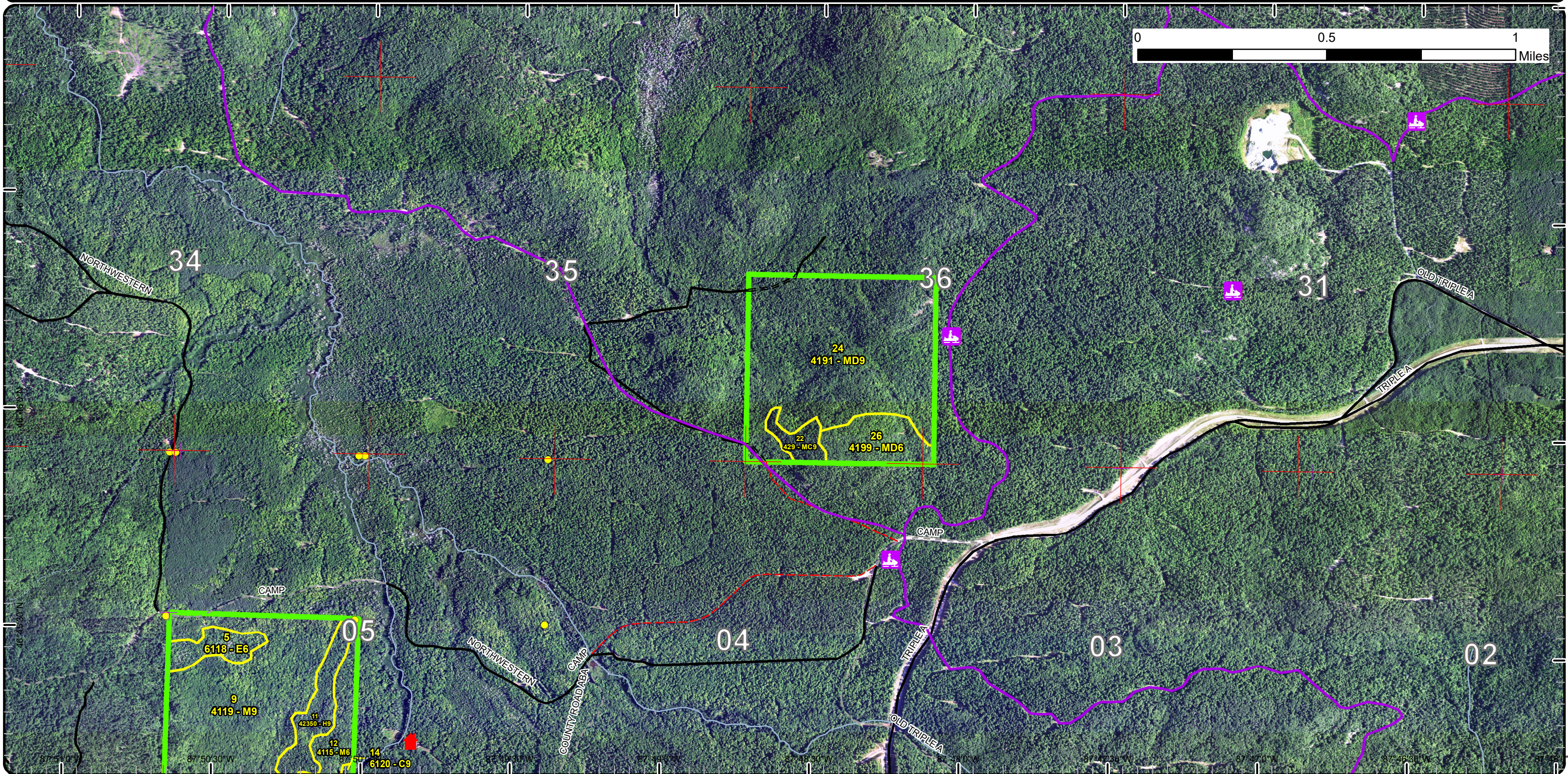
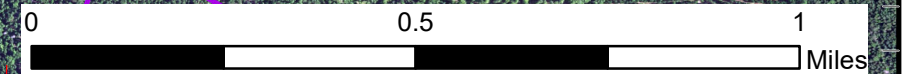


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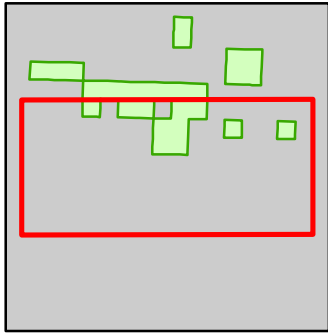


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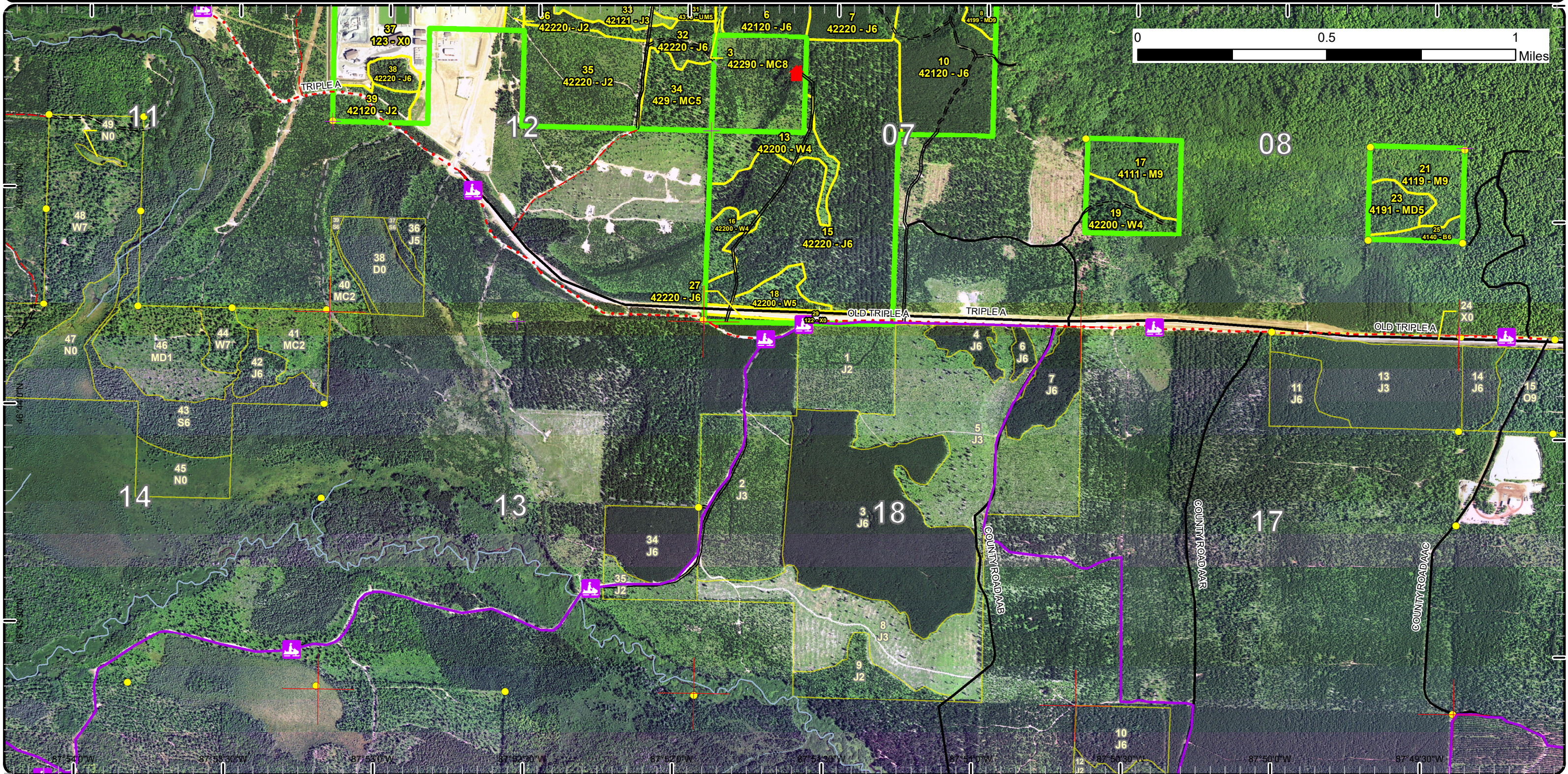


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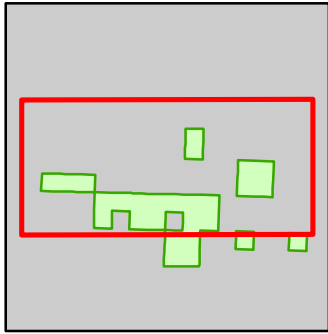


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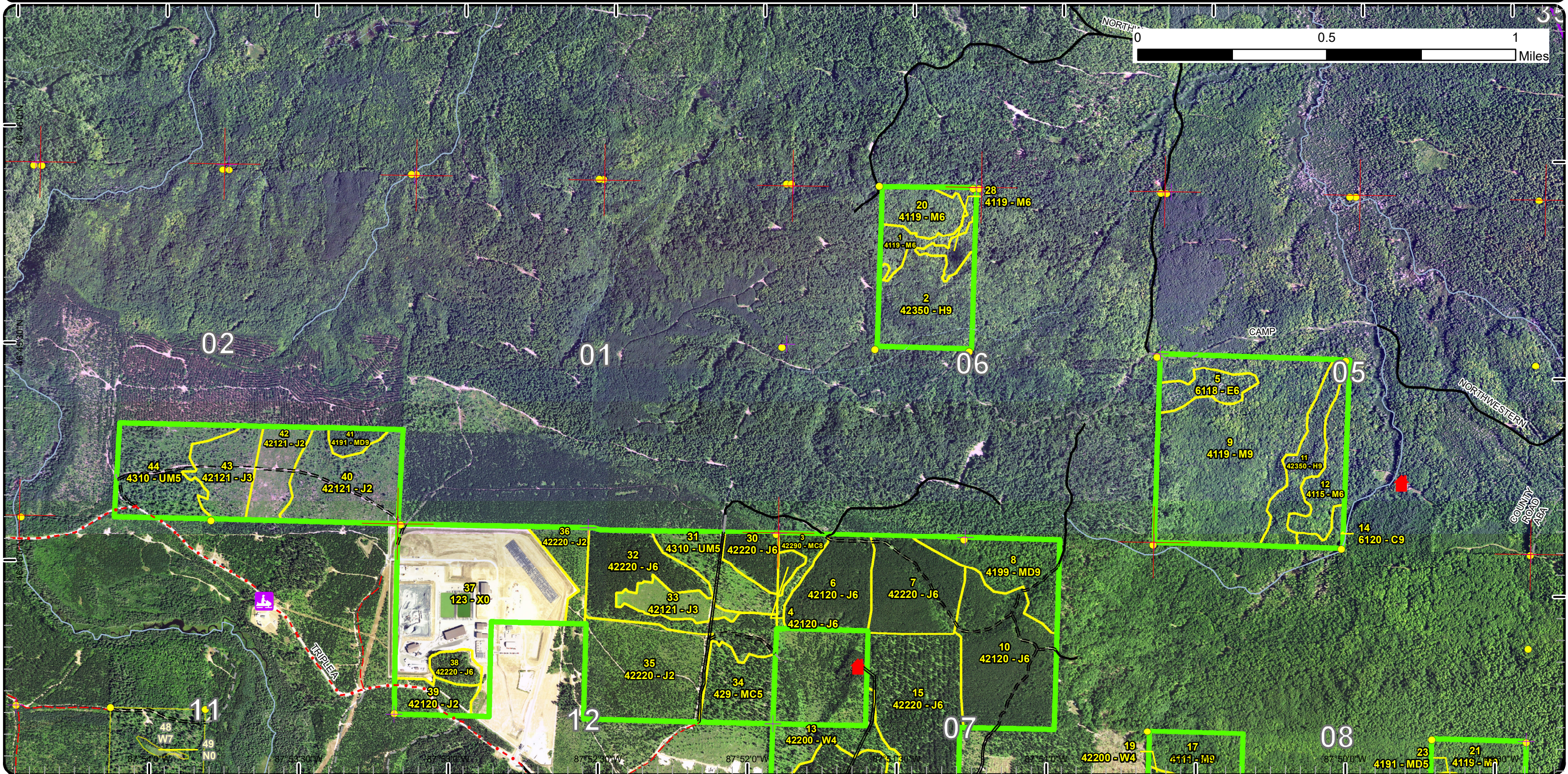


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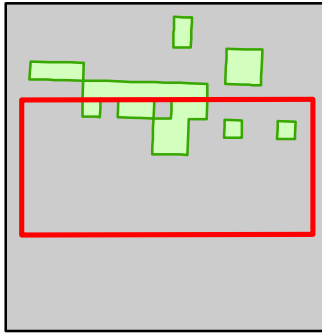


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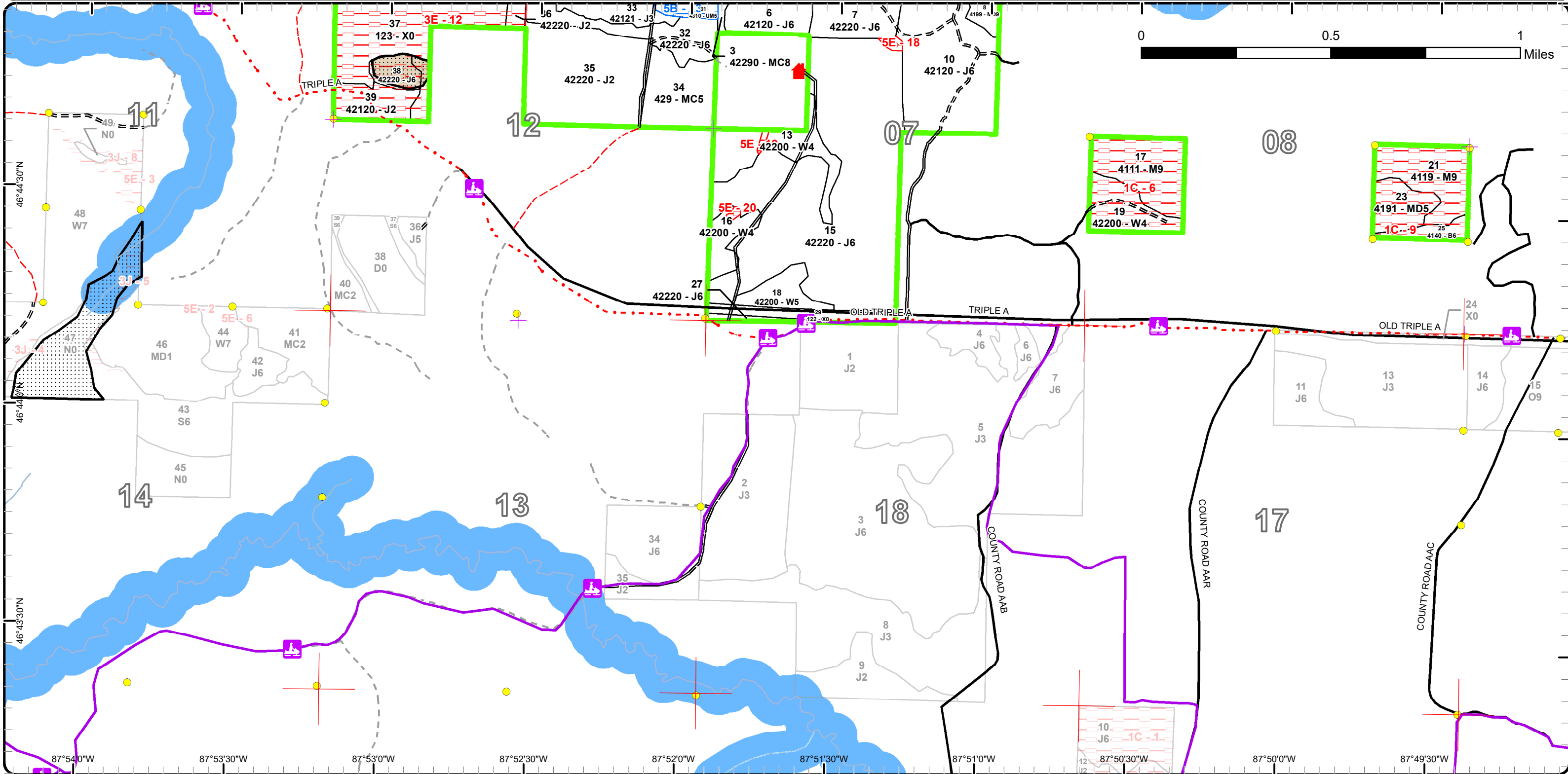
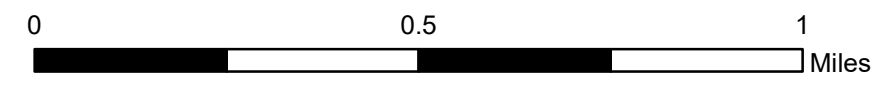


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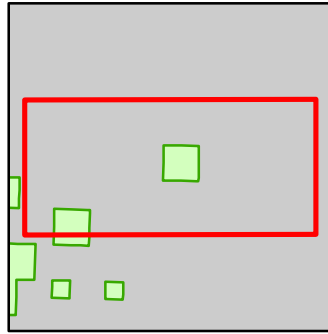


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- Compartment Boundary
- Unavailable
- 1C: Other dept or div proc/practices
- 3E: Easement / lease, non-military (e.g.- Consumers Power red pine, etc)
- 5E: Long-Term Retention
- Stand Boundaries
- SCA
- Wild & Scenic Streams (USFS Lands)
- Cold Water Streams
- High Priority Trout Stream Buffer
- Cultural Use Area

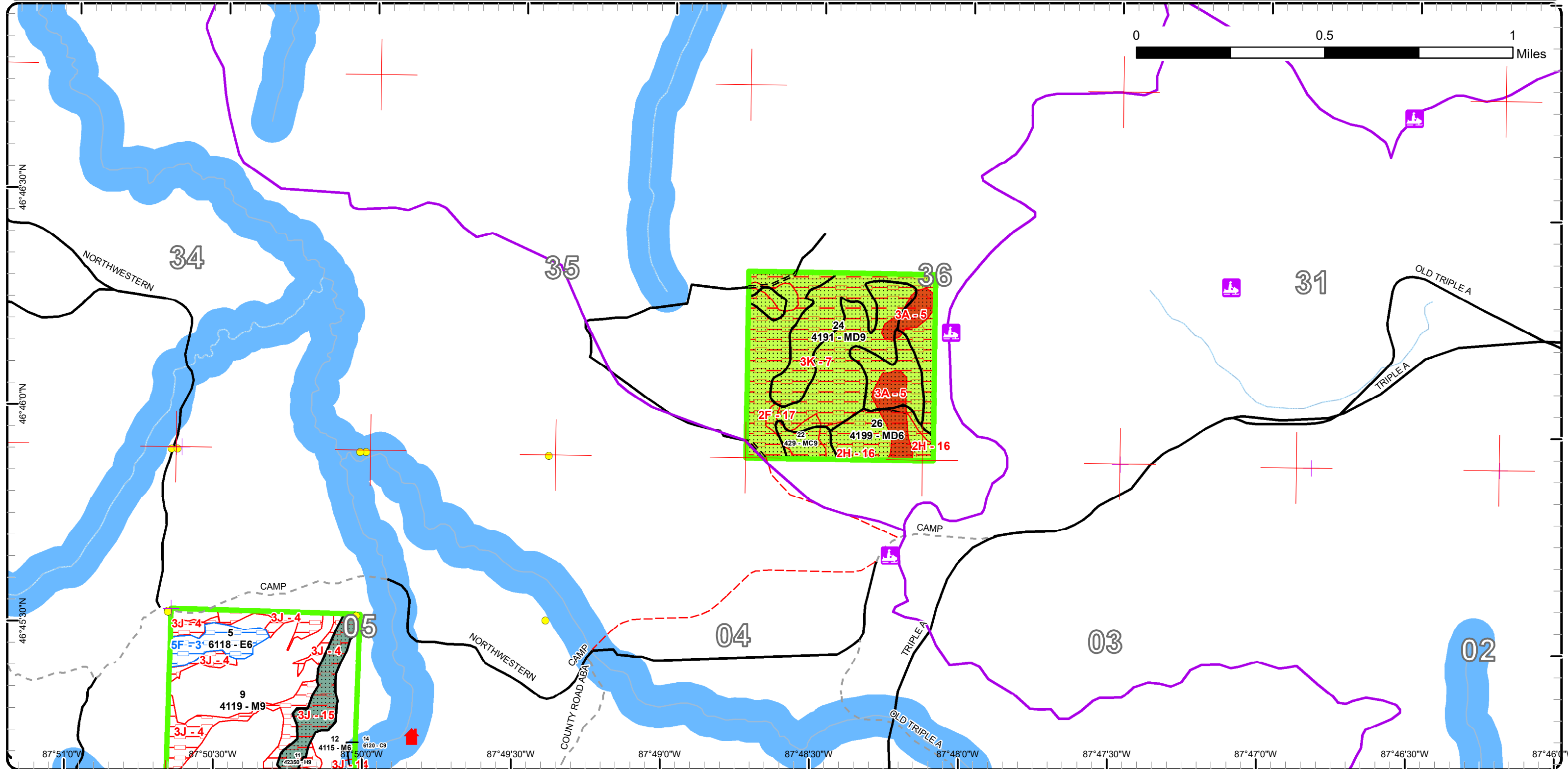
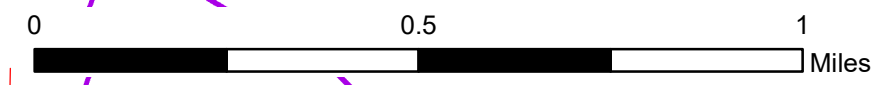


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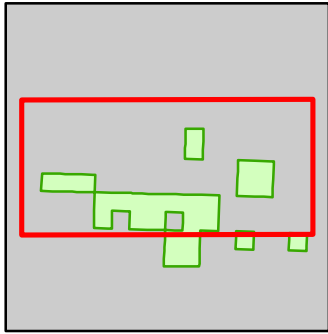


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- Compartment Boundary
- Available w/ Constraints
- Unavailable
- 2F: Too steep
- 2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)
- 3A: Conservation Values incompatible with harvest at this time
- 3J: Water quality / BMPs (stream, river, or lake)
- 3K: Rare or unique landforms
- Stand Boundaries
- SCA
- Ecological Reference Areas
- Cold Water Streams
- High Priority Trout Stream Buffer
- Vernal Pool
- Possible Type 2 Old Growth

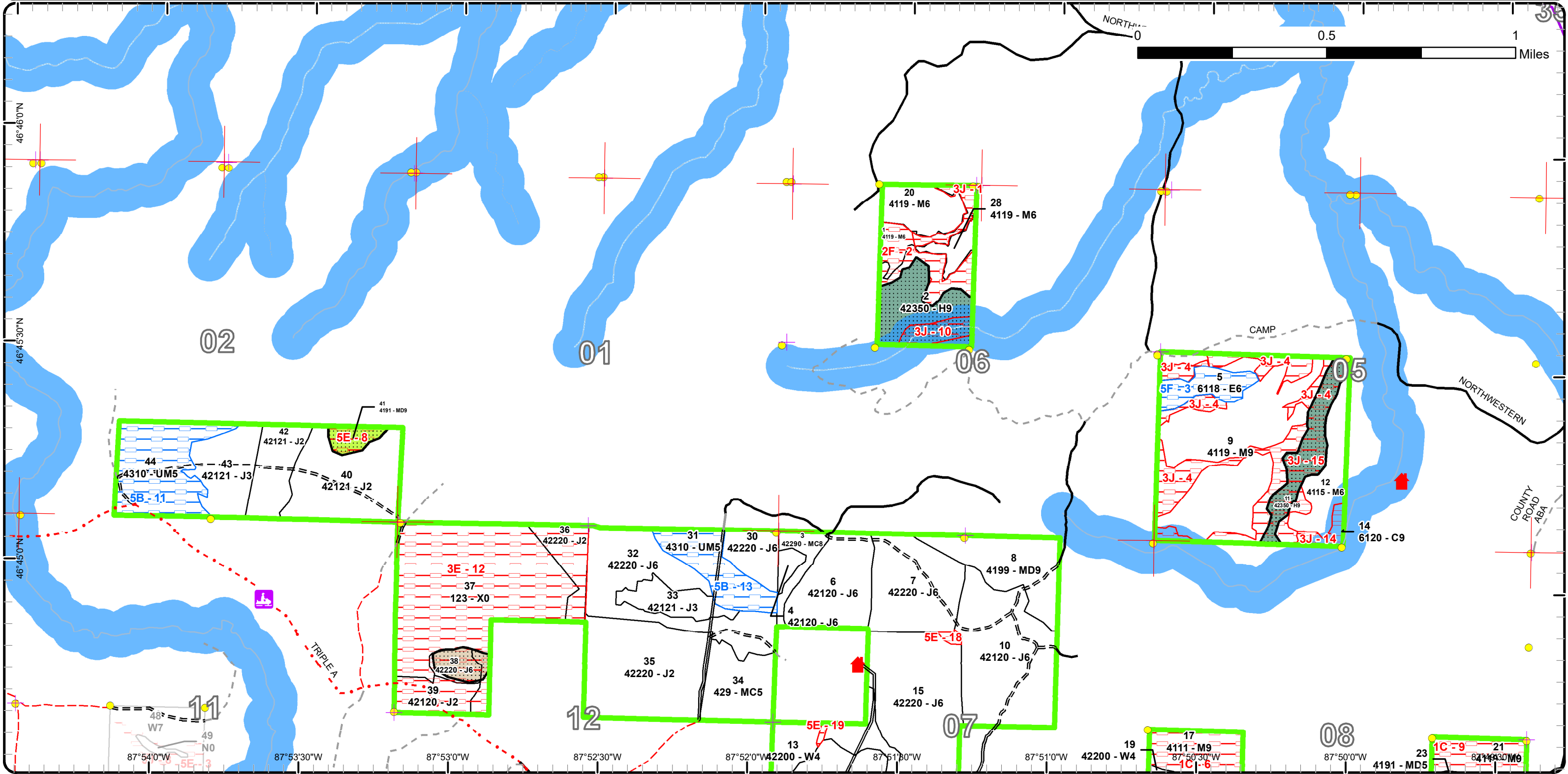


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- 5B: Maintain for regeneration purposes
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Report 1 – Total Acres by Cover Type and Age Class

Gwinn Mgt. Unit
Rick Hill : Examiner

Compartment 205 Year of Entry 2025



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
Cedar	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	4
Hemlock	0	0	0	0	0	0	0	0	0	0	0	0	0	58	0	0	0	0	58
Jack Pine	0	29	39	99	56	124	150	0	0	7	0	0	0	0	0	0	0	0	503
Lowland Deciduous	0	0	0	0	0	0	0	0	0	11	0	0	0	0	0	0	0	0	11
Mixed Upland Deciduous	0	0	0	0	0	0	0	29	0	0	0	32	0	0	129	0	0	5	195
Natural Mixed Pines	0	0	0	0	0	0	0	0	0	0	8	0	0	0	0	0	0	0	8
Northern Hardwood	0	0	0	0	0	0	0	0	0	0	0	32	0	170	0	0	0	0	202
Paper Birch	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	5
Upland Conifers	0	0	0	22	0	0	0	0	0	0	0	8	0	0	0	0	0	0	30
Upland Mixed Forest	0	0	0	0	0	0	0	0	0	57	0	0	0	0	0	0	0	0	57
Urban	101	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100
White Pine	0	0	0	0	0	0	0	0	16	0	40	0	0	0	0	0	0	0	56
Total	101	29	39	121	56	124	155	0	45	75	48	72	0	232	129	0	0	5	1229



Report 2 – Treatment Summary

Gwinn Mgt. Unit

Year of Entry: 2025

Acres of Harvest

Compartment 205
Total Compartment Acres: 1,229

Commercial Harvest - 178
Harvests with Site Condition - 0
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
Jack Pine	149	0	0	0	0	0	0	0	0	149
White Pine	29	0	0	0	0	0	0	0	0	29
Total	178	0	0	0	0	0	0	0	0	178

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	178	0	0	0	0	0	0	0	0	178
Next Step	0	535	210	0	0	178	654	0	0	1577
Total	178	535	210	0	0	178	654	0	0	1755



Stand Name	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:

13	32205013-Cut	20.2	42200 - Natural White Pine	Poletimber Poor	95	1-50	Harvest	Clearcut with Retention	4212 - Planted Jack Pine	Even-Aged	No
<u>Prescription</u> Cut all trees above two inches DBH. Leave all red pine and oak, mark a few white pine to leave. Leave area retention along steep slope in stand retention should include clump of 15 white pine is possible.											
<u>Specs:</u>											
<u>Next Step</u> SitePrep, Trenching; SitePrep, Roller Chopping; Planting, Initial Plant; Planting, Replant; Pesticide, Aerial - Site Prep; Monitoring, Treatments: Artificial Regen(1yr); Monitoring, Artificial Regen(3yr); SitePrep, Scarification											
<u>Acceptable</u> jack pine, spruce, fir, white pine, red pine											
<u>Regen:</u>											
<u>Other</u> Narrow-leaved gentian a state threatened plant is present in the vicinity. its habitat does not occur in the sale area proper.											
<u>Comment:</u>											
<u>Site Condition</u>											
<u>Proposed Start Date:</u> 10/1 /2024											
15	32205015-Cut	147.3	42220 - Natural Jack Pine	Poletimber Well	52	81-110	Harvest	Clearcut with Retention	4212 - Planted Jack Pine	Even-Aged	No
<u>Prescription</u> Cut all trees above two inches DBH. Leave all red pine and oak, mark a few white pine to leave. Area retention is mapped in the northeast of the stand located on a steep hill with diverse stand cover.											
<u>Specs:</u>											
<u>Next Step</u> SitePrep, Scarification; SitePrep, Roller Chopping; Monitoring, Natural Regen (Re-Inventory); Pesticide, Aerial - Site Prep; Planting, Treatments: Initial Plant; SitePrep, Trenching; Monitoring, Artificial Regen(1yr); Monitoring, Artificial Regen(3yr);											
<u>Acceptable</u> Jack Pine, White pine, red pine, spruce, fir, aspen											
<u>Regen:</u>											
<u>Other</u> Narrow-leaved gentian a state threatened plant is present in the vicinity. its habitat does not occur in the sale area proper.											
<u>Comment:</u>											
<u>Site Condition</u>											
<u>Proposed Start Date:</u> 10/1 /2024											
16	32205016-Cut	8.8	42200 - Natural White Pine	Poletimber Poor	95	1-50	Harvest	Clearcut with Retention	4212 - Planted Jack Pine	Even-Aged	No
<u>Prescription</u> Cut all trees above two inches DBH. Leave all red pine and oak, mark a few white pine to leave. Leave area retention along steep slope in stand retention should include clump of 15 white pine is possible.											
<u>Specs:</u>											
<u>Next Step</u> SitePrep, Trenching; SitePrep, Roller Chopping; Planting, Initial Plant; Planting, Interplant; Pesticide, Aerial - Site Prep; Monitoring, Treatments: Artificial Regen(1yr); Monitoring, Artificial Regen(3yr); SitePrep, Scarification											
<u>Acceptable</u> Jack pine, mixed spruce, fir, mixed white and red pine.											
<u>Regen:</u>											
<u>Other</u> Narrow-leaved gentian a state threatened plant is present in the vicinity. its habitat does not occur in the sale area proper.											
<u>Comment:</u>											
<u>Site Condition</u>											
<u>Proposed Start Date:</u> 10/1 /2024											
27	32205027-Cut	2.1	42220 - Natural Jack Pine	Poletimber Well	52	81-110	Harvest	Clearcut	4212 - Planted Jack Pine	Even-Aged	No
<u>Prescription</u> Cut all trees above two inches DBH. Leave all red pine and oak, mark a few white pine to leave. No area retention needed due to small size.											
<u>Specs:</u>											
<u>Next Step</u> SitePrep, Trenching; SitePrep, Scarification; SitePrep, Roller Chopping; Planting, Initial Plant; Planting, Replant; Pesticide, Aerial - Treatments: Site Prep; Monitoring, Natural Regen (Re-Inventory); Monitoring, Artificial Regen(1yr); Monitoring, Ar											
<u>Acceptable</u> Jack pine, spruce, fir, red pine											
<u>Regen:</u>											
<u>Other</u> Narrow-leaved gentian a state threatened plant is present in the vicinity. its habitat does not occur in the sale area proper.											
<u>Comment:</u>											
<u>Site Condition</u>											
<u>Proposed Start Date:</u> 10/1 /2024											



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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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Total Treatment Acreage Proposed: 178.4

Report 4 – Site Conditions

Gwinn Mgt. Unit
Rick Hill : Examiner

Compartment: 205
Year of Entry: 2025

Availability for Management

Total	Acres	Acres Avail	Acres
Acres	Available	With Condition	Not Available

Dominant Site Conditions

5B 5F 1C 2F 2H 3A 3E 3J 3K 5E

4	0	0	4	Cedar	5B	5F	1C	2F	2H	3A	3E	3J	3K	5E
58	20	0	38	Hemlock				10				28		
504	472	0	32	Jack Pine							31			1
11	0	11	0	Lowland Deciduous		11								
195	32	0	164	Mixed Upland Deciduous			12		16	16			115	5
7	7	0	0	Natural Mixed Pines										
201	108	0	93	Northern Hardwood			47	5				41		
5	0	0	5	Paper Birch			5							
30	22	0	7	Upland Conifers				7						
57	0	57	0	Upland Mixed Forest	57									
101	9	0	91	Urban							91			
55	39	0	17	White Pine			15							1
1,229	710	68	451	Total Forested Acres	57	11	79	23	16	16	122	73	115	7
	58%	6%	37%	Relative Percent										

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

Site No.	Dominant Site Cond Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
1	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
2	Unavailable	2F: Too steep	15	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
3	Available	5F: Evaluated for Forest Health Considerations	11	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
Part of stand has treatment on it. Stand is also part of a wet drainage area. There is a timber sale surrounding this stand and this stand will be monitored for salvage opportunity when surrounding sale is harvested.							

Report 4 – Site Conditions

Gwinn Mgt. Unit
Rick Hill : Examiner

Compartment: 205
Year of Entry: 2025

4	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	36	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Numerous headwater streams to the salmon trout creek that were omitted from the sale due to BMP concerns.							
5	Unavailable	3A: Conservation Values incompatible with harvest at this time	16	3A: Conservation Values incompatible with harvest at this time	Unspecified	Unspecified	Unspecified
Comments: ERA: Powell Township Outcrops Granite Bedrock Glade.							
6	Unavailable	1C: Other dept or div proc/practices	40	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
7	Unavailable	3K: Rare or unique landforms	115	2F: Too steep	3A: Conservation Values incompatible with harvest at this time	Unspecified	Unspecified
Comments:							
8	Unavailable	5E: Long-Term Retention	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
9	Unavailable	1C: Other dept or div proc/practices	40	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Gwinn Mgt. Unit
Rick Hill : Examiner

Compartment: 205
Year of Entry: 2025

10	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
11	Available	5B: Maintain for regeneration purposes	36	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
12	Unavailable	3E: Easement / lease, non- military (e.g.- Consumers Power red pine, etc)	122	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Under Lease by Lundin Mining. this site is the location of the Eagle Mine.							
13	Available	5B: Maintain for regeneration purposes	21	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
14	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
15	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	21	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Gwinn Mgt. Unit
Rick Hill : Examiner

Compartment: 205
Year of Entry: 2025

16	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	16	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
17	Unavailable	2F: Too steep	8	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
18	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
19	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
20	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							



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

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

SCA Name	SCA Category	Detail Type	Recommendation	Acres
11	Spring Wetlands Riparian Area	Vernal Pool	SCA	18
Comments				
2	Spring Wetlands Riparian Area	Vernal Pool	SCA	26
Comments				
Contains drainages and seeps that are part of the Salmon Trout River. Draws are lowland hardwoods. Wide variation in composition and size classes.				
205	Type 1 or Type 2 Old Growth	Possible Type 2 Old Growth Area	SCA	7
Comments				
Potential old growth.				
205 2	Type 1 or Type 2 Old Growth	Possible Type 2 Old Growth Area	SCA	7
Comments				
Potential old growth.				
205 3	Type 1 or Type 2 Old Growth	Possible Type 2 Old Growth Area	SCA	71
Comments				
Potential old growth. Contains areas of M9, B6, and F6.				
205 4	Type 1 or Type 2 Old Growth	Possible Type 2 Old Growth Area	SCA	39
Comments				
Potential old growth. Includes an acid rock glen ERA.				



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 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.
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
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1	4119 - Mixed Northern Hardwoods	Poletimber Well	10.6	100	111-140	N/A	Area too steep or had moving water present so was dropped from harvest.
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	2	Pole	8		Balsam Fir	Low	< 5 feet	Sapling
Quaking Aspen	2	Pole/Log	10		White Spruce	Low	< 5 feet	Sapling
Bigtooth Aspen	2	Pole/Log	10		Hemlock	Low	< 5 feet	Sapling
White Spruce	2	Pole/Log	10		Sugar Maple	Medium	5 - 10 feet	Sapling
Yellow Birch	5	Pole/Log	10					
Red Maple	5	Pole/Log	10					
Sugar Maple	70	Pole/Log	10	100				
Hemlock	10	Log/Pole	14					
Basswood	2	Log/Pole	12					

2	42350 - Upland Hemlock	Sawtimber Well	36.4	122	111-140	N/A	
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Bigtooth Aspen	2	Pole/Log	10		Balsam Fir	Medium	5 - 10 feet	Sapling
Hemlock	66	Log/Pole	14	122	Hemlock	Medium	5 - 10 feet	Sapling
Yellow Birch	7	Pole/Log	9		Sugar Maple	Low	5 - 10 feet	Sapling
Balsam Fir	2	Pole	8					
Sugar Maple	5	Pole/Log	9					
White Spruce	5	Pole	10					
Red Oak	3	Pole/Log	9					
Red Maple	10	Pole/Log	9					

3	42290 - Natural Mixed Pine	Sawtimber Medium	7.5	95	51-80	N/A	
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	3	Pole	7		Balsam Fir	Medium	5 - 10 feet	Sapling
Red Oak	2	Pole/Log	10		White Pine	Low	5 - 10 feet	Sapling
Paper Birch	10	Pole	8		Hazelnut (Beaked)	Low	< 5 feet	Tall Shrub
White Pine	43	Log	11	95	Red Oak	Low	5 - 10 feet	Sapling
Red Pine	42	Log	14		Red Maple	Low	10 - 20 feet	Sapling

4	42120 - Planted Jack Pine	Poletimber Well	3.1	44	81-110	N/A	Harvested in 1972: TS# 27/70A. Machine planted in 1978.
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Pine	2	Log	12		White Pine	Low	5 - 10 feet	Sapling
Jack Pine	95	Pole	8	44	Red Pine	Low	5 - 10 feet	Sapling
White Pine	3	Log/Pole	10		Jack Pine	Low	5 - 10 feet	Sapling



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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5	6118 - Lowland Deciduous with Cedar	Poletimber Well	11.3	89	51-80	N/A	Wet drain.
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Hemlock	5	Log/Pole	12		Dogwood (spp.)	Medium	5 - 10 feet	Tall Shrub
Sugar Maple	5	Pole	6		Yellow Birch	Low	10 - 20 feet	Sapling
Balsam Fir	5	Pole	6		Sugar Maple	Low	>20 feet	Sapling
White Spruce	10	Pole	10		Balsam Fir	Medium	10 - 20 feet	Sapling
Black Ash	30	Pole	9	89				
Northern White Cedar	20	Pole/Log	8					
Yellow Birch	25	Pole/Log	8					

6	42120 - Planted Jack Pine	Poletimber Well	29.4	44	81-110	N/A	Harvested in 1972: TS# 27/70A. Machine planted in 1978.
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Pine	3	Log/Pole	10		Jack Pine	Low	5 - 10 feet	Sapling
White Pine	2	Log	12		Red Oak	Low	5 - 10 feet	Sapling
Jack Pine	95	Pole	8	44	White Pine	Low	5 - 10 feet	Sapling

7	42220 - Natural Jack Pine	Poletimber Well	35.6	43	81-110	N/A	Harvested in 1976: TS# 7/75A. Scarified and broadcast seeded in 1979.
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Oak	2	Pole	9		Choke Cherry	Low	5 - 10 feet	Tall Shrub
Paper Birch	3	Pole	6		Jack Pine	Low	5 - 10 feet	Sapling
Quaking Aspen	2	Pole	6					
Jack Pine	93	Pole	8	43				

8	4199 - Other Mixed Upland Deciduous	Sawtimber Well	28.6	75	81-110	N/A	Harvested in 1985.
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	25	Log/Pole	12		Hazelnut (Beaked)	Low	< 5 feet	Tall Shrub
White Pine	12	Log/Pole	14		Hemlock	Low	5 - 10 feet	Sapling
Red Pine	2	Log	14		Red Oak	Low	5 - 10 feet	Sapling
Paper Birch	8	Pole	9		Balsam Fir	Medium	10 - 20 feet	Sapling
Red Oak	30	Log/Pole	13	75	Red Maple	Medium	10 - 20 feet	Sapling
Sugar Maple	20	Pole/Log	10		White Pine	Low	5 - 10 feet	Sapling
Hemlock	3	Log/Pole	12					



Stand **Level 4 Cover Type** **Size Density** **Acres** **Stand Age** **BA Range** **Managed Site** **General Comments**

9 4119 - Mixed Northern Hardwoods Sawtimber Well 105.2 120 81-110 N/A Stand was selectively managed in the fall of 2019. TS# 117-15. Hunky Dory Hardwood.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	65	Log/Pole	13	120	Ironwood	High	10 - 20 feet	Tall Shrub
Red Maple	5	Log/Pole	12		Hemlock	Low	< 5 feet	Sapling
Basswood	10	Log/Pole	13		Sugar Maple	Medium	10 - 20 feet	Sapling
Red Oak	5	Log/Pole	13		Balsam Fir	Low	5 - 10 feet	Sapling
White Spruce	2	Pole	10					
Yellow Birch	5	Log/Pole	12					
Black Cherry	3	Log/Pole	12					
Hemlock	5	Log/Pole	14					

10 42120 - Planted Jack Pine Poletimber Well 56.4 35 171-200 N/A Harvested in 1985: TS# 2/85. Trenched and planted in 1987.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Paper Birch	5	Sapling	4		White Pine	Low	5 - 10 feet	Sapling
Red Oak	2	Sapling	4		Red Maple	Low	5 - 10 feet	Sapling
White Pine	5	Pole/Log	12		Choke Cherry	Low	5 - 10 feet	Tall Shrub
Red Pine	2	Log/Pole	13					
Jack Pine	84	Pole	7	35				
Bigtooth Aspen	2	Pole	5					

11 42350 - Upland Hemlock Sawtimber Well 21.4 120 111-140 N/A Riparian zone protection for a feeder stream to the Salmon Trout River. Contains wetland inclusions.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	2	Pole	7		Yellow Birch	Low	>20 feet	Sapling
Quaking Aspen	2	Pole/Log	10		Balsam Fir	Medium	5 - 10 feet	Sapling
Sugar Maple	5	Pole/Log	9		Ironwood	Low	10 - 20 feet	Tall Shrub
White Spruce	3	Pole	10		Red Maple	Medium	10 - 20 feet	Sapling
Hemlock	60	Log/Pole	14	120	Hemlock	Medium	5 - 10 feet	Sapling
Red Maple	20	Pole/Log	12					
Yellow Birch	5	Pole/Log	10					
Northern White Cedar	3	Log/Pole	10					

12 4115 - Y.Birch, Hemlock NH Poletimber Well 18.0 120 81-110 N/A Selectively cut in 2019. TS# 117-15. Hunky Dory Hardwood.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	20	Pole/Log	9		Sugar Maple	Medium	10 - 20 feet	Sapling
Paper Birch	4	Pole	9		Red Maple	Low	10 - 20 feet	Sapling
Sugar Maple	40	Pole/Log	9	120	Balsam Fir	Low	5 - 10 feet	Sapling
White Spruce	3	Pole	9		Ironwood	Medium	10 - 20 feet	Tall Shrub
Hemlock	20	Log/Pole	13		Hemlock	Low	< 5 feet	Sapling
Quaking Aspen	3	Pole	10					
Yellow Birch	10	Pole/Log	8					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																																
13	42200 - Natural White Pine	Poletimber Poor	20.8	95	1-50	N/A	Harvested in 2007: TS# 102-05-01. Harvest again to reduce residual to enable reforestation. Stand is the leave trees left when the jack pine was cut out of the stand. Too much white pine was left to allow white pine to regenerate well.																																																																
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Pine</td> <td>8</td> <td>Pole/Log</td> <td>10</td> <td></td> </tr> <tr> <td>White Pine</td> <td>92</td> <td>Pole/Log</td> <td>10</td> <td>95</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Pine	8	Pole/Log	10		White Pine	92	Pole/Log	10	95	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Pine</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Red Maple</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Balsam Fir</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Black Spruce</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Pine	Low	10 - 20 feet	Sapling	Red Maple	Medium	5 - 10 feet	Sapling	Balsam Fir	Low	5 - 10 feet	Sapling	Black Spruce	Low	5 - 10 feet	Sapling	White Pine	Low	5 - 10 feet	Sapling																													
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White Pine	Low	5 - 10 feet	Sapling																																																																				
14	6120 - Lowland Cedar	Sawtimber Well	4.2	120	141-170	N/A	Floodplains on the Salmon Trout River. Contains spring seeps and drainages. LF-water quality\BMP.																																																																
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16	42200 - Natural White Pine	Poletimber Poor	9.4	95	1-50	N/A	Harvested in 2007: TS# 102-05-01. Harvest again to reduce residual to enable reforestation. Stand is the leave trees left when the jack pine was cut out of the stand. Too much white pine was left to allow white pine to regenerate well.																																																																
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments		
17	4111 - S.Maple, Hard Mast Association	Sawtimber Well	24.2	120	51-80	N/A	Cut in 1999: TS# 22-95-01.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple		63	Log/Pole	13	120	Sugar Maple	High	5 - 10 feet	Sapling
White Pine		2	Log/Pole	13		Red Maple	Low	5 - 10 feet	Sapling
Red Oak		35	Log/Pole	13		Hemlock	Low	>20 feet	Pole
						Ironwood	Low	5 - 10 feet	Tall Shrub
						White Pine	Low	>20 feet	Pole
						Red Oak	Low	5 - 10 feet	Sapling
18	42200 - Natural White Pine	Poletimber Medium	9.8	95	1-50	N/A	Stand is the leave trees left when the jack pine was cut out of the stand. Too much white pine was left to allow white pine to regenerate well.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Pine		70	Pole/Log	9	95	Red Pine	Low	10 - 20 feet	Sapling
Red Pine		30	Log/Pole	12		Balsam Fir	Low	5 - 10 feet	Sapling
						Black Spruce	Low	5 - 10 feet	Sapling
						Bigtooth Aspen	Low	5 - 10 feet	Sapling
						White Pine	Low	5 - 10 feet	Sapling
						Red Maple	Medium	5 - 10 feet	Sapling
19	42200 - Natural White Pine	Poletimber Poor	15.5	70	1-50	N/A	Cut in 1999: TS# 22-95-01.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir		2	Pole	5		Red Oak	Low	5 - 10 feet	Sapling
Black Spruce		2	Pole	6		Red Maple	Medium	10 - 20 feet	Sapling
Black Cherry		4	Pole	7		Jack Pine	Low	5 - 10 feet	Sapling
Red Maple		2	Pole	5		Black Cherry	Medium	5 - 10 feet	Sapling
Red Oak		10	Pole/Log	6		Balsam Fir	Medium	5 - 10 feet	Sapling
White Pine		80	Pole/Log	10	70	Black Spruce	Low	5 - 10 feet	Sapling
20	4119 - Mixed Northern Hardwoods	Poletimber Well	15.5	100	81-110	N/A	Stand was selectively managed in the winter of 2021. TS# 117-15. Hunky Dory Hardwood.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Yellow Birch		5	Pole/Log	10		Sugar Maple	Medium	5 - 10 feet	Sapling
White Spruce		2	Pole/Log	10		Balsam Fir	Low	< 5 feet	Sapling
Red Maple		5	Pole/Log	10		Hemlock	Low	< 5 feet	Sapling
Balsam Fir		2	Pole	8		White Spruce	Low	< 5 feet	Sapling
Basswood		2	Log/Pole	12					
Bigtooth Aspen		2	Pole/Log	10					
Quaking Aspen		2	Pole/Log	10					
Sugar Maple		70	Pole/Log	10	100				
Hemlock		10	Log/Pole	14					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments			
21	4119 - Mixed Northern Hardwoods	Sawtimber Well	22.4	120	81-110	N/A	Cut in fall 2019 Hunky Dory Hardwood #32-117-15. Cut in 1999: TS# 22-95-01.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
White Pine		2	Log/Pole	14		Balsam Fir		Low	10 - 20 feet	Sapling
Yellow Birch		2	Log/Pole	12		Sugar Maple		Medium	5 - 10 feet	Sapling
Paper Birch		2	Pole/Log	10						
Red Oak		15	Log	13						
Hemlock		3	Log	16						
Sugar Maple		56	Log/Pole	13	120					
Red Maple		20	Log/Pole	12						
22	429 - Mixed Upland Conifers	Sawtimber Well	7.5	102	111-140	N/A	Stand is on a rock escarpment and is inoperable.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
White Pine		30	Log/Pole	13		Sugar Maple		Low	10 - 20 feet	Sapling
Hemlock		34	Log/Pole	10	102	Ironwood		Medium	10 - 20 feet	Tall Shrub
Red Maple		2	Pole/Log	9		Hemlock		Medium	10 - 20 feet	Sapling
Bigtooth Aspen		2	Pole/Log	10		Balsam Fir		Low	5 - 10 feet	Sapling
Red Oak		20	Log/Pole	10						
Paper Birch		2	Pole	9						
Sugar Maple		10	Pole/Log	9						
23	4191 - Mixed Upland Deciduous with Conifer	Poletimber Medium	11.9	102	51-80	N/A	Cut in 1999: TS# 22-95-01.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Red Pine		5	Log	14		Red Maple		High	5 - 10 feet	Sapling
Red Oak		18	Pole/Log	12		White Pine		Low	5 - 10 feet	Sapling
Balsam Fir		2	Pole	7		Red Oak		Low	5 - 10 feet	Sapling
Paper Birch		5	Pole	9		Balsam Fir		High	10 - 20 feet	Sapling
Red Maple		50	Pole	8	102					
White Pine		20	Log/Pole	14						
24	4191 - Mixed Upland Deciduous with Conifer	Sawtimber Well	129.4	133	111-140	N/A	Area should be evaluated for type 2 and type 1 oldgrowth. Due to this stand's history, tree ages vary extensively. Many long lived tree species (hemlock and northern hardwoods) are at or near their normal life spans.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Red Maple		14	Pole/Log	12		Balsam Fir		Medium	5 - 10 feet	Sapling
Hemlock		35	Log/Pole	14	133	Hemlock		Medium	10 - 20 feet	Sapling
Basswood		2	Log	14		Ironwood		Medium	5 - 10 feet	Tall Shrub
Yellow Birch		5	Log/Pole	14		Sugar Maple		Medium	5 - 10 feet	Sapling
Red Oak		10	Log/Pole	12		Red Maple		Low	5 - 10 feet	Sapling
Sugar Maple		30	Pole/Log	12						
White Pine		2	Log	15						
Paper Birch		2	Pole/Log	8						



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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25 4140 - Other Upland Deciduous Poletimber Well 5.4 55 51-80 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	5	Pole/Sapling	5		White Pine	Low	10 - 20 feet	Sapling
Red Oak	5	Pole/Sapling	6		Hemlock	Low	5 - 10 feet	Sapling
Bigtooth Aspen	2	Pole	6		Red Maple	Medium	>20 feet	Sapling
White Spruce	2	Log/Pole	8		Balsam Fir	Medium	10 - 20 feet	Sapling
Jack Pine	6	Pole	7		White Spruce	Medium	5 - 10 feet	Sapling
Hemlock	2	Pole	10					
Paper Birch	75	Pole/Sapling	6	55				
White Pine	3	Log/Pole	8					

26 4199 - Other Mixed Upland Deciduous Poletimber Well 20.3 102 81-110 N/A Stand is on a rock escarpment and is inoperable.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Hemlock	10	Pole/Log	10		Hemlock	Low	< 5 feet	Sapling
Sugar Maple	20	Pole	7		Sugar Maple	Low	10 - 20 feet	Sapling
Red Oak	55	Pole/Log	9	102	Balsam Fir	Low	< 5 feet	Sapling
White Pine	3	Log/Pole	12		Ironwood	High	5 - 10 feet	Tall Shrub
Yellow Birch	2	Pole	9					
Red Maple	10	Pole	7					

27 42220 - Natural Jack Pine Poletimber Well 2.1 52 81-110 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Jack Pine	92	Pole	8	52	Serviceberry (Juneberry)	Medium	5 - 10 feet	Tall Shrub
White Pine	8	Pole/Log	9		Red Maple	Low	5 - 10 feet	Sapling
					Black Spruce	Low	5 - 10 feet	Sapling
					White Pine	Low	5 - 10 feet	Sapling
					Jack Pine	Low	10 - 20 feet	Sapling
					Choke Cherry	Low	5 - 10 feet	Tall Shrub

28 4119 - Mixed Northern Hardwoods Poletimber Well 5.5 100 81-110 N/A Stand was selectively managed in the winter of 2021. TS# 117-15. Hunky Dory Hardwood.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Spruce	2	Pole/Log	10		White Spruce	Low	< 5 feet	Sapling
Yellow Birch	5	Pole/Log	10		Balsam Fir	Low	< 5 feet	Sapling
Red Maple	5	Pole/Log	10		Sugar Maple	Medium	5 - 10 feet	Sapling
Quaking Aspen	2	Pole/Log	10		Hemlock	Low	< 5 feet	Sapling
Basswood	2	Log/Pole	12					
Bigtooth Aspen	2	Pole/Log	10					
Balsam Fir	2	Pole	8					
Sugar Maple	70	Pole/Log	10	100				
Hemlock	10	Log/Pole	14					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																															
29	122 - Road/Parking Lot	Nonstocked	9.4	0	Unspecified	No																																																																
30	42220 - Natural Jack Pine	Poletimber Well	11.6	44	51-80	N/A	Planted in the spring of 1978. 2-0 STOCK.1-3 stick well-stocked jack pine plantation. . Some oak in NE part of stand.																																																															
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31	4310 - Pine, Oak Mix	Poletimber Medium	20.6	82	1-50	N/A	Harvested in 2012 under TS# 114-10-01. Chapter 7 to accept Natural oak regen was submitted, dropping FTP 32-772.																																																															
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33	42121 - Planted Jack Pine, Mixed Deciduous	Sapling Well	12.2	7	Immature	N/A	13 acres salvage cut under permit TS#119-12-01. Stand was planted in 2015 but it appears that most of the seedlings failed, leaving only about 217 viable seedlings (including volunteers) per acre when surveyed in 2016Stand was trenched in the spring of 2017, and 3-0 JP was handplanted in the spring of 2017 by Superior Forestry Services. Site counted in 2018 684 TPA next count in 2020. 9/15/22 regen count: 514 planted JP tpa, 100 volunteer JP tpa, oak 143 tpa, RP 14 tpa, red maple 957 tpa, WP 14 tpa.																																																															
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Red Oak	6	Sapling	1																																																																			
34	429 - Mixed Upland Conifers	Poletimber Medium	22.1	20	1-50	N/A	Was commercially cut in June/July 2003 by Dennis Bernard for Ed Giguere Logging, Inc, under permit #102-00-01, "Yellow Dog Plains Sale". The red and white pine was left as well as oak, cherry, & 2 stick & smaller spruce.																																																															
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35	42220 - Natural Jack Pine	Sapling Medium	52.1	28	Immature	N/A	Cut in 1993 under permit #14-90. Planted 5/94.																																																															
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37	123 - Other High Intensity Urban	Nonstocked	91.1		Unspecified	No	Under lease agreement for Eagle Mine.																																													
38	42220 - Natural Jack Pine	Poletimber Well	6.5	82	111-140	N/A	Eagle Rock, this area is considered sacred site by local tribe. This stand is a SCA for its cultural significance.																																													
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39	42120 - Planted Jack Pine	Sapling Medium	12.2	29	Immature	N/A	Cut in 1992 by Escanaba Paper Co. under Permit #16-90. The stand was regenerated under FTP 31-282, stand was trenched in 1992 and planted in 1993. Area is within the leased grounds of the Eagle Mine.																																													
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40	42121 - Planted Jack Pine, Mixed Deciduous	Sapling Medium	39.1	15	Immature	N/A	Numerous old white pine stumps, especially on north part of stand. Harvested in summer 2002 by Holli Forest Products, permit #101-00-01, "Salmon Trout Pine Sale". Regenerated under FTP #C31-439. Planted in 2005, replanted in bare spots 5/25/08. Looks to be poor quality planting stock with much of it dying. Medium to poorly stocked with trees spring 2008. Stocking varies with some aspen and oak mixed in with the jack pine.																																													
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41	4191 - Mixed Upland Deciduous with Conifer	Sawtimber Well	5.3	70	81-110	N/A	Area of hardwood and oak with some older white pine and hemlock present. The stand does not appear to be old growth with good evidence of prior cutting present in the form of large stumps. This stand is great for diversity however and should be left to act as a pocket of mature hardwood forest surrounded by young jack pine.																																													
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42	42121 - Planted Jack Pine, Mixed Deciduous	Sapling Medium	17.3	7	Immature	N/A	Salvage cut in 2013: under TS# 119-12-01. Planted in 2015, put per 2016 regen surv only about 142 acceptable seedlings (including volunteers). Stand was trenched in the spring of 2017 by DNR resources site was planted shortly after in late spring by superior forestry at a rate of 1000T/A.. First year regen count came in at 726 trees per acre. 9/15/2022: regen count JP planted 289 tpa, JP volunteer 178 tpa, cherry 1022 tpa, mixed oak 389 tpa, shrubs 122 stems/ac, red maple 1244 tpa, black spruce 22 tpa.																																																																								
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43	42121 - Planted Jack Pine, Mixed Deciduous	Sapling Well	21.7	20	Immature	N/A																																																																									
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44	4310 - Pine, Oak Mix	Poletimber Medium	36.1	82	1-50	N/A	Harvested in 2012: TS# 114-10-01.																																																																								
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