



Compartment Review Presentation

Escanaba Forest Management Unit

Compartment 33080

Entry Year 2025

Acreage: 996

County Delta

Management Area: Green Bay

Stand Examiner: Dan Racine

Legal Description:

T37N, R24W, SEC. 3, 10, 15, 22, 27, Delta County, Michigan

Identified Planning Goals:

The majority of the lowland cover type is cedar and lowland deciduous with ash and balsam poplar. The upland cover types are a mix of aspen, mixed upland deciduous and mixed upland conifer species with pine. The harvests within the mixed upland conifer and deciduous types are designed to encourage pine, mixed upland deciduous and mixed upland conifer species. A harvest within the lowland poplar is intended to regenerate balsam poplar and mixed deciduous species.

Soil and topography:

Topography is level to slightly rolling. Soils are poorly drained, somewhat poorly drained, and well drained sands and very poorly drained, extremely acid mucks and peats. Major soil series are AuGres, Rubicon, Roscommon, Charlevoix, Tawas, and Ensley.

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

This compartment is spread between five sections of land on the east side of T37N, R24W. Most of the ownership in and around the compartment is non industrial private lands. The major land use is forest management, with opportunities for hunting, fishing, trapping and camping. The Forest Island O.R.V. trailhead is located in this compartment and provides for the opportunity for this type of recreational activity.

Unique Natural Features:

No Unique Natural Features known.

Archeological, Historical, and Cultural Features:

There are known concerns within the compartment. All proposed management activities have taken these concerns into consideration.

Special Management Designations or Considerations:

None.

Watershed and Fisheries Considerations:

Beginning in the southern portion of the compartment- there is an unnamed tributary to the Bark River which is a Designated Type 1 Trout Stream. The two more northern portions contain the Bark River which is Designated Type 4 Trout Stream. For sections less than 50' in width, a 300' buffer is recommended in riparian areas susceptible to Aspen regeneration. For areas not susceptible to Aspen regeneration, 100' plus 5' per 1% increase in slope. For sections greater than 50' in width, a 100' buffer is recommended. Any wetland areas should have a 100' buffer in accordance with BMPs.

Wildlife Habitat Considerations:

Compartment 80 is part of the Green Bay Lake Plain Management Area. This area demonstrates a natural propensity to grow white pine and balsam fir (both are common in the understory of many aspen and maple stands within the management area). These conifer species will be encouraged, where appropriate. Cedar and hemlock provide important wildlife habitat, but unfortunately, regeneration of both species is difficult. This management area represents more than 25% of the hemlock resource and almost 20% of the cedar resource on state forest land in the western Upper Peninsula. The primary focus of wildlife habitat management will be to address the habitat requirements identified for the following featured species: blackburnian warbler, red shoulder hawk, ruffed grouse, white-tailed deer, wild turkey and wood duck. Some of the most significant wildlife management issues in the management area are: within-stand diversity; mesic conifer; mature forest; habitat fragmentation; mast; forest openings; mast (hard); retain or, if absent, develop large living and dead standing trees (for cavities, especially near water); deer wintering complexes; and mature forest.

Mineral Resource and Development Concerns and/or Restrictions

No known potential exists for commercial oil & gas production in this part of the state. No active sand & gravel pits are known to occur in the area, and potential for sand & gravel development within the compartment may be limited to small

and narrow uplands primarily only suitable for road commission or DNR use for local road maintenance. Some remote geophysical surveys covering this area have been conducted, but there is no evidence of past ground-based mineral exploration in the compartment. Potential for metallic and/or critical minerals beneath the compartment is considered low at this time, but additional research is needed. There is no current leasing activity involving State-owned mineral rights in the area. The State does not own all the mineral rights within the compartment. Because the mineral estate is the dominant estate, the surface owner must provide the owner of the mineral rights reasonable access to the surface for mineral exploration and development.

Vehicle Access:

Most of the access into the compartment is poor due to private ownership and type of terrain. The only good access is off the Bark River Truck Trail into that part of the compartment that is located in Section 10.

Survey Needs:

None.

Recreational Facilities and Opportunities:

Hunting, trapping, fishing and camping are the main opportunities available in this area. The Forest Islands O.R.V. Trail also provides a good opportunity for O.R.V. riders.

Fire Protection:

Fire could be a problem in this area due to the lack of good access, should a fire get started in this area.

Additional Compartment Information:

The following reports from the Inventory are attached:

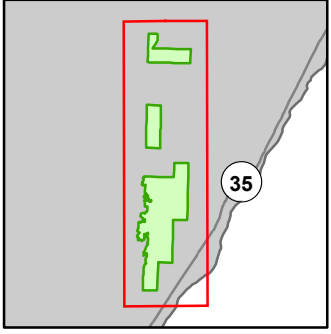
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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

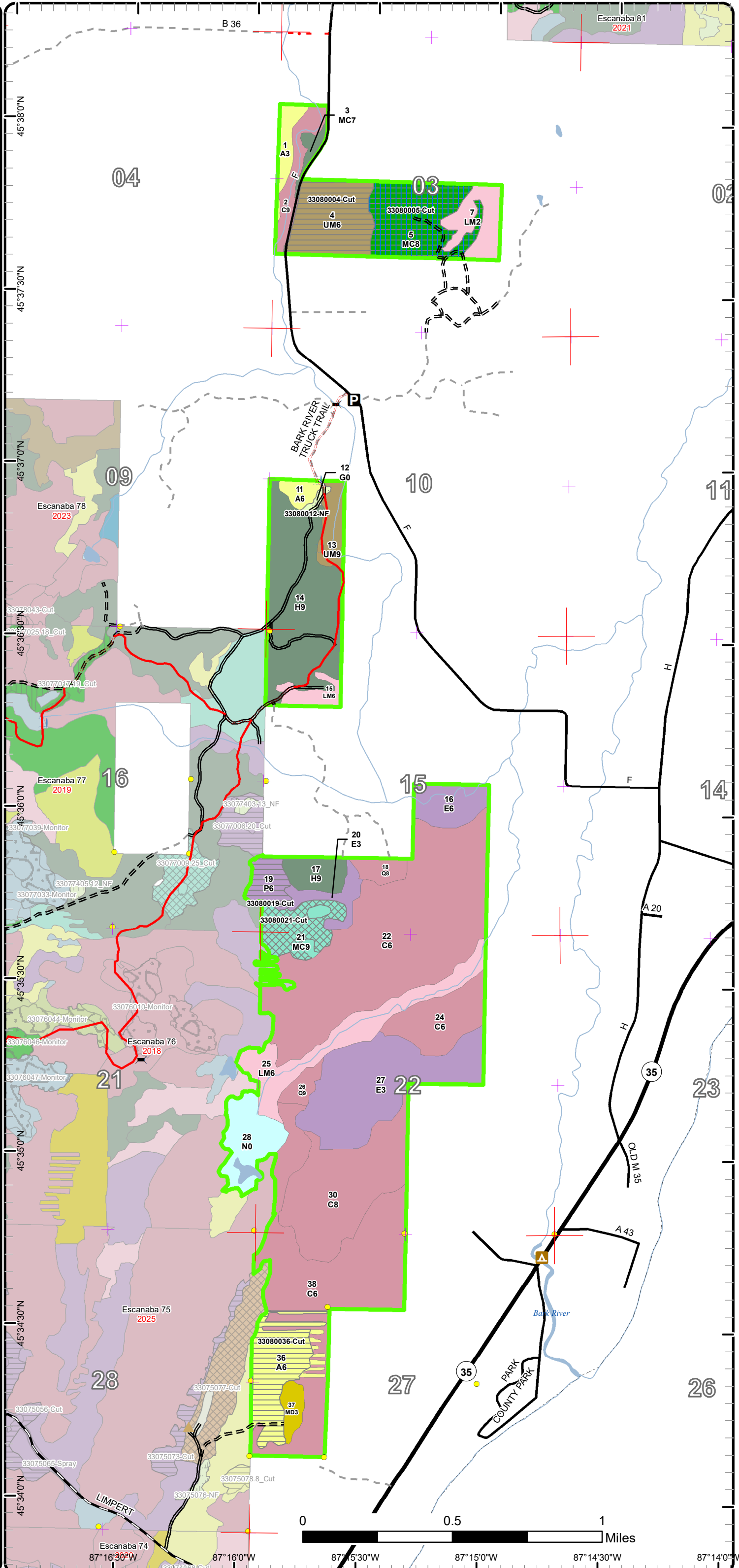
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

Cover Type & Treatments Map

Compartment: 80
 T38N - R24W Sec. 25,26,34-36
 County: Delta
 Unit: Escanaba
 Mgmt Area: Green Bay
 YOE: 2025
 Acres: 995.7 GIS Calculated
 Examiner: Dan Racine
 Map Revised: 6/26/2023
 Map Phase: Pre-Review

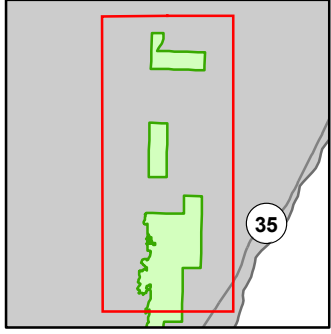


- Miris Corners
- + Remonumented Section Corners
- Survey Grade Corners
- - - Counties
- DNR - Primary Forest Road
- DNR - Secondary Forest Road
- == DNR - Forest Access Route
- Federal / State Highway
- Federal / State / County - Paved Road
- - - Private - Dirt / Gravel Road
- Designated ATV
- Designated ORV Route
- Lake/Pond
- Perennial River
- Shoreline
- Lakes and Rivers
- ▲ Berms
- Bridges
- Culvert
- ▲ Campground
- P Parking Lot
- Compartment Boundary
- Other Treatment - See Comments
- Selection (Group, Single Tree)
- Clearcut (w/Reserves)
- Seed Tree (w/Reserves)
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 422 - Natural Pines
- 423 - Other Upland Conifers
- 429 - Mixed Upland Conifers
- 430 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 310 - Herbaceous Openland
- 623 - Emergent Wetland

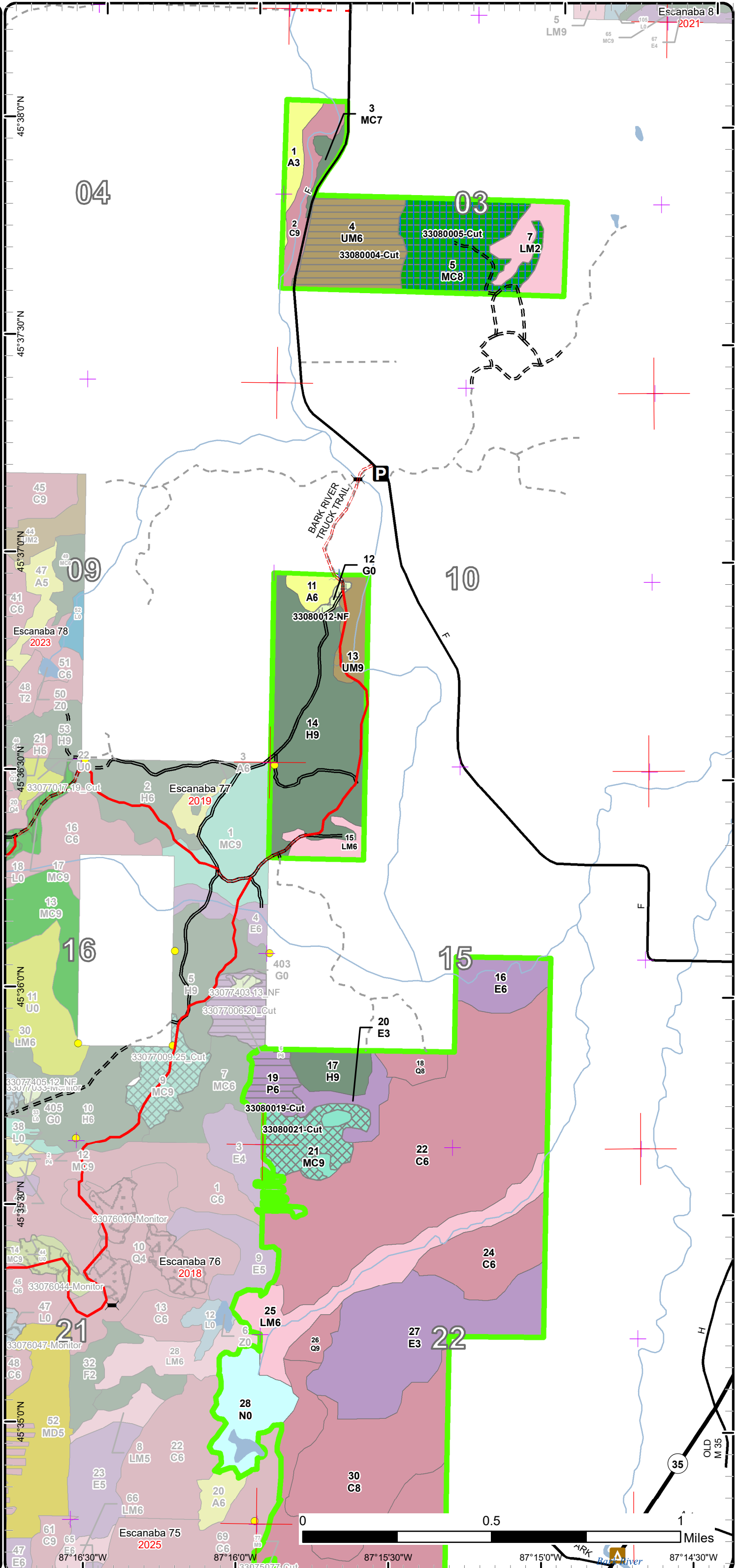


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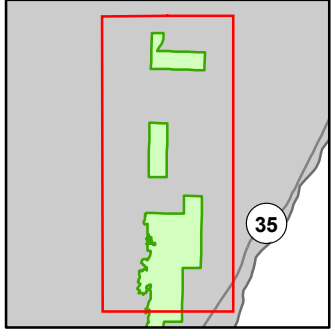


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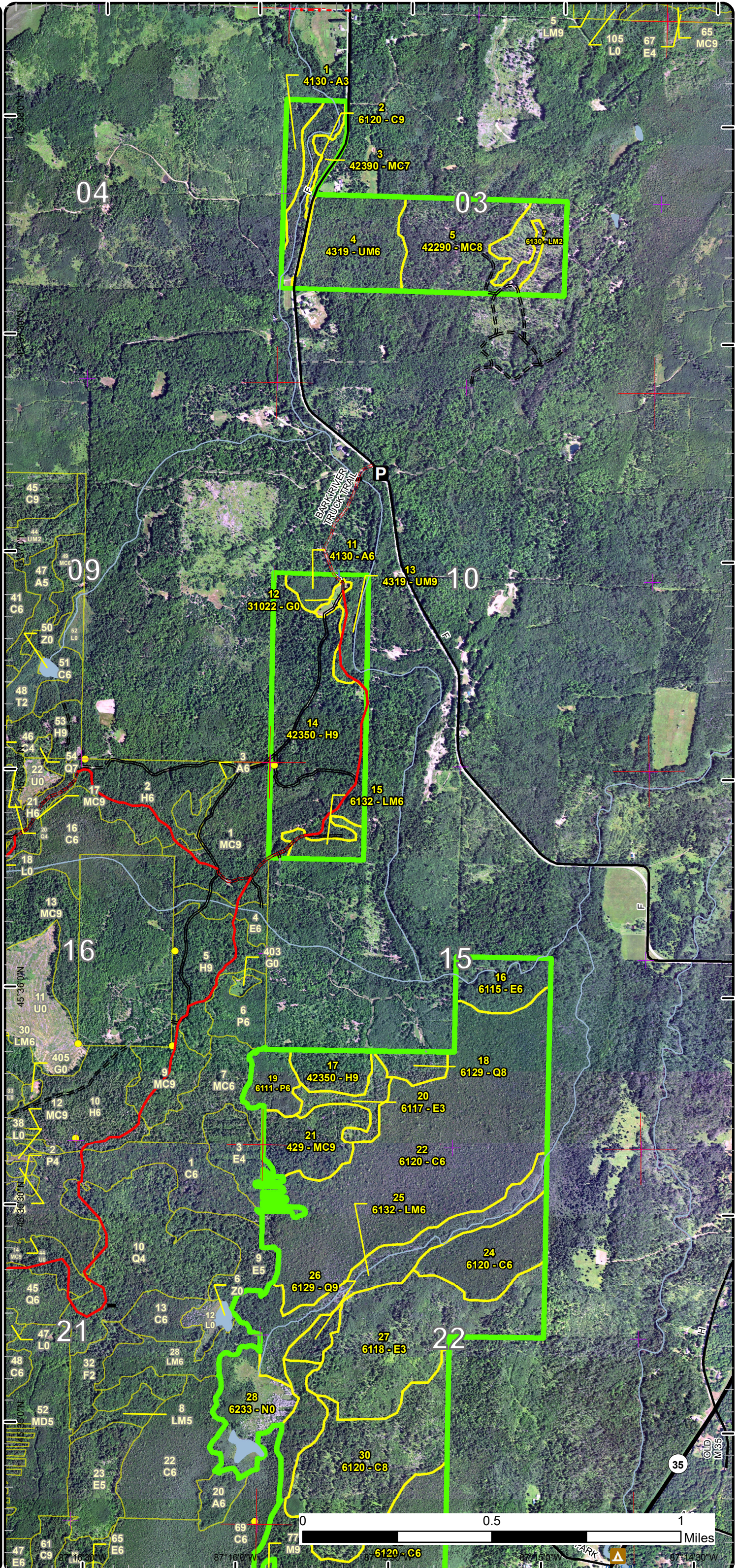


Stand Boundary Map

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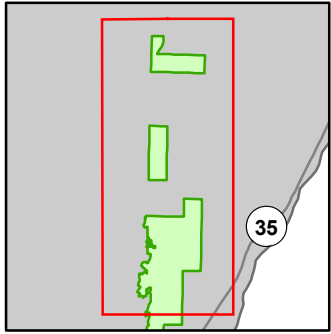


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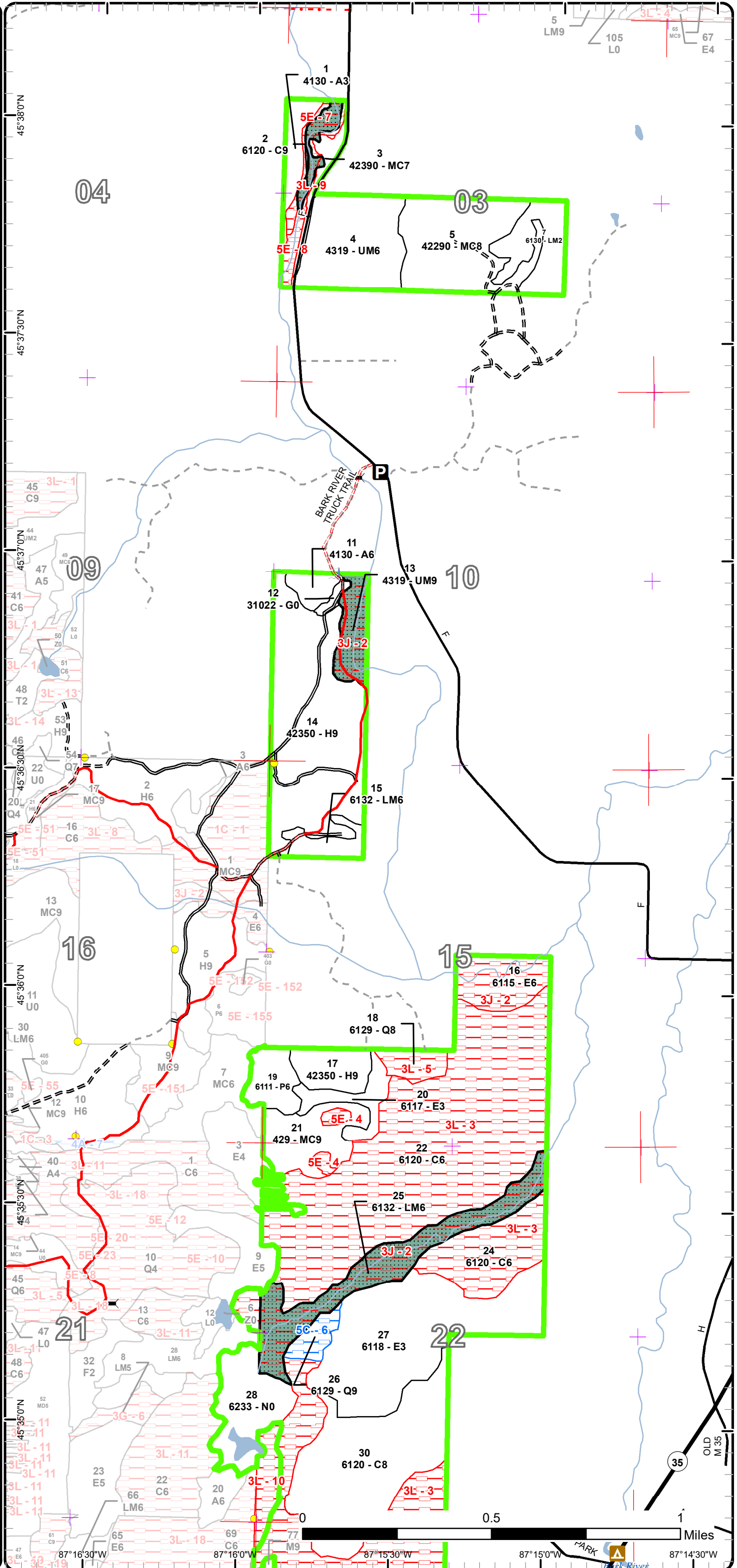


Special Conservation Areas

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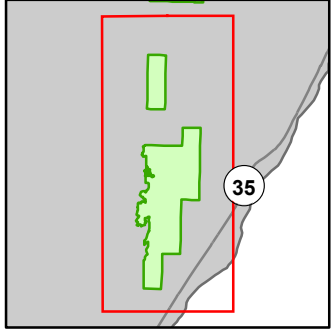


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- 5C: Delay treatment for age/size class diversity or exceptional site quality
- Unavailable
- 3J: Water quality / BMPs (stream, river, or lake)
- 3L: Other wildlife concerns
- 5E: Long-Term Retention
- Stand Boundaries
- SCA
- Cold Water Streams
- Cold Water Lakes
- Vernal Pool

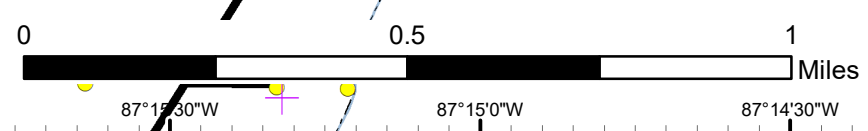
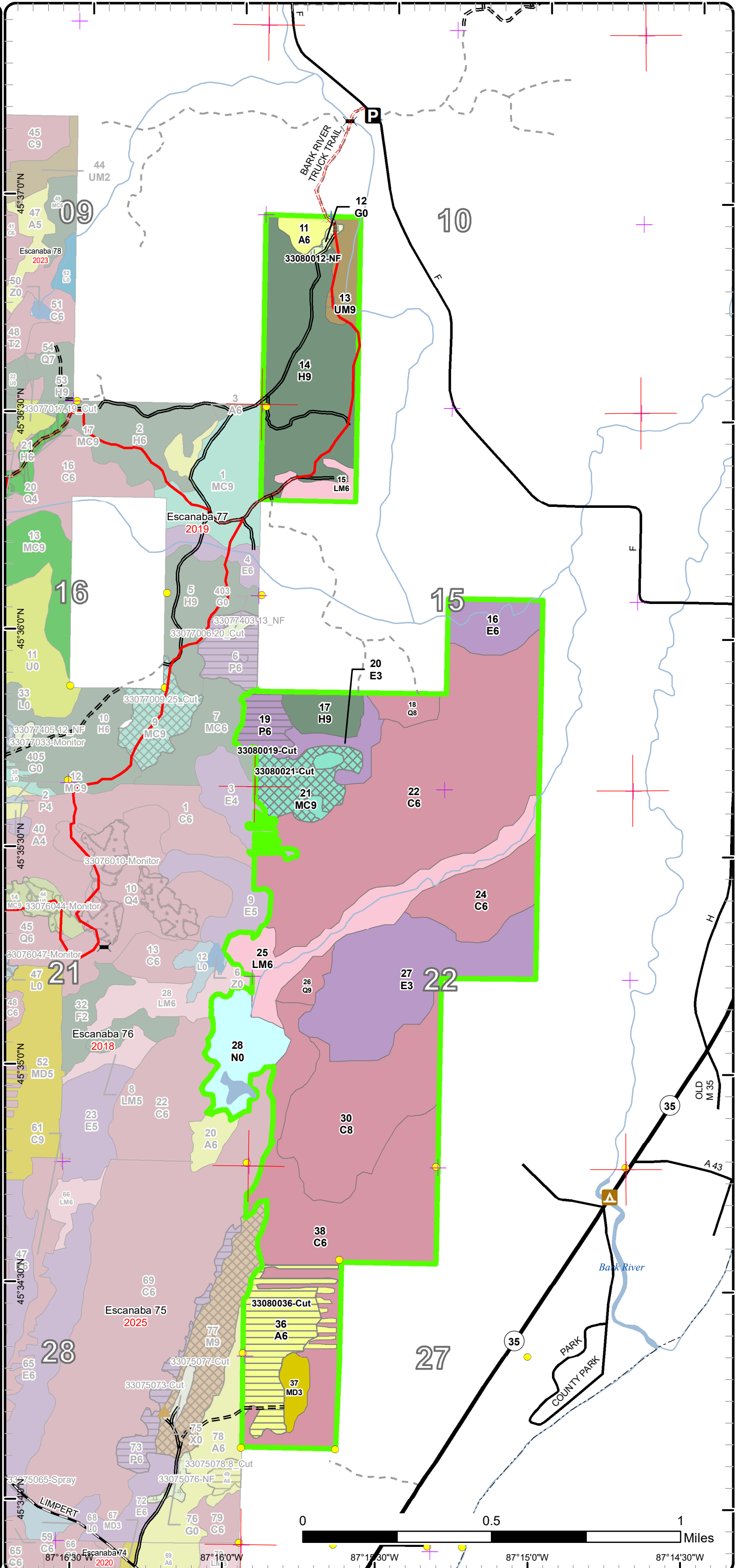


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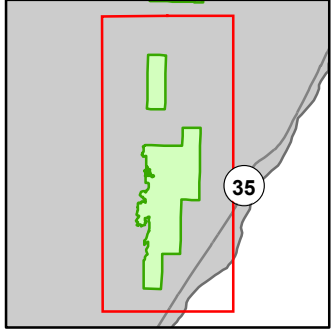


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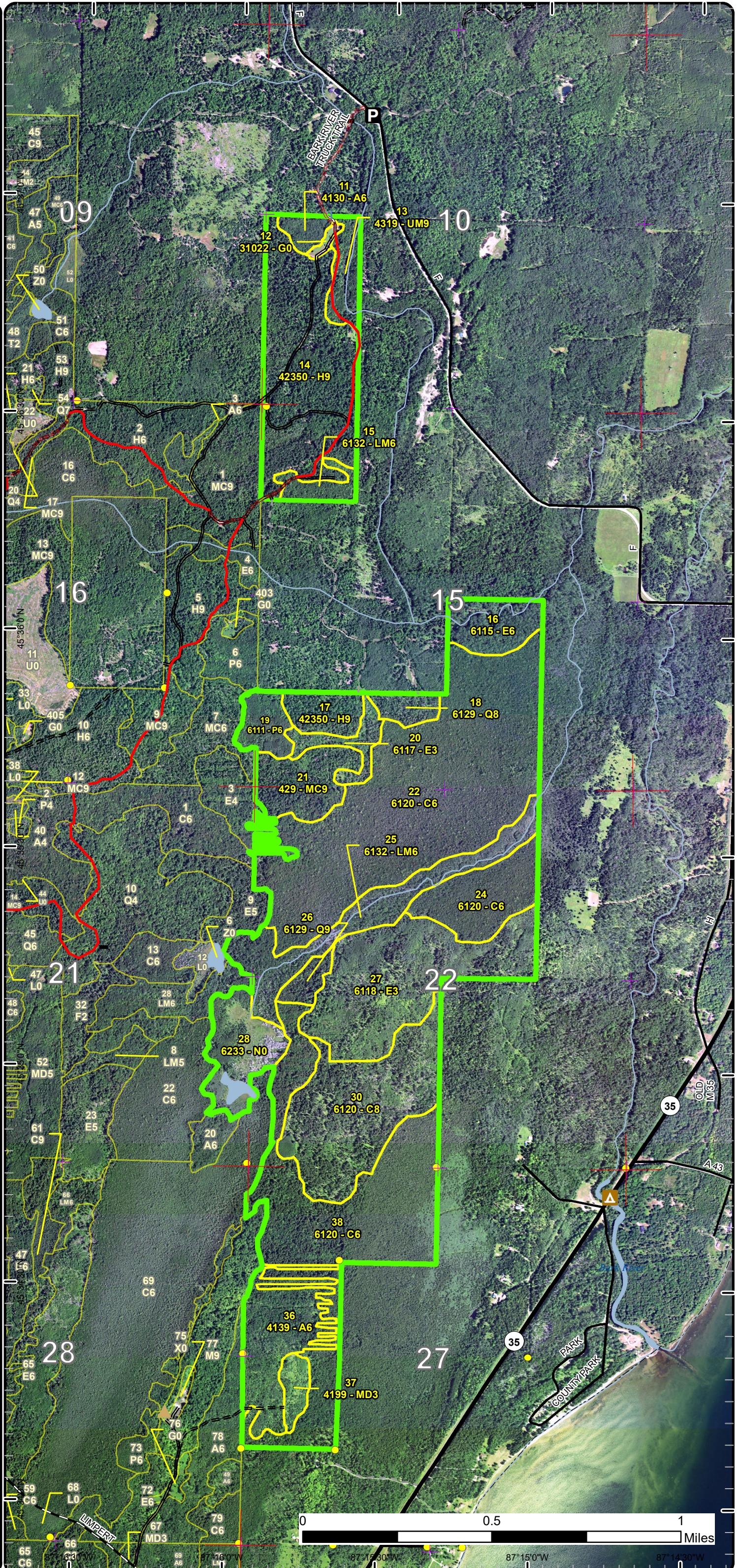


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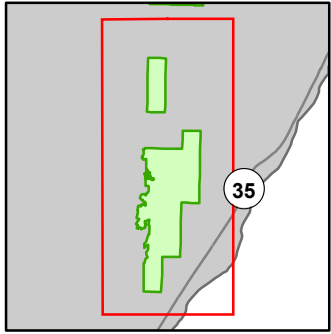


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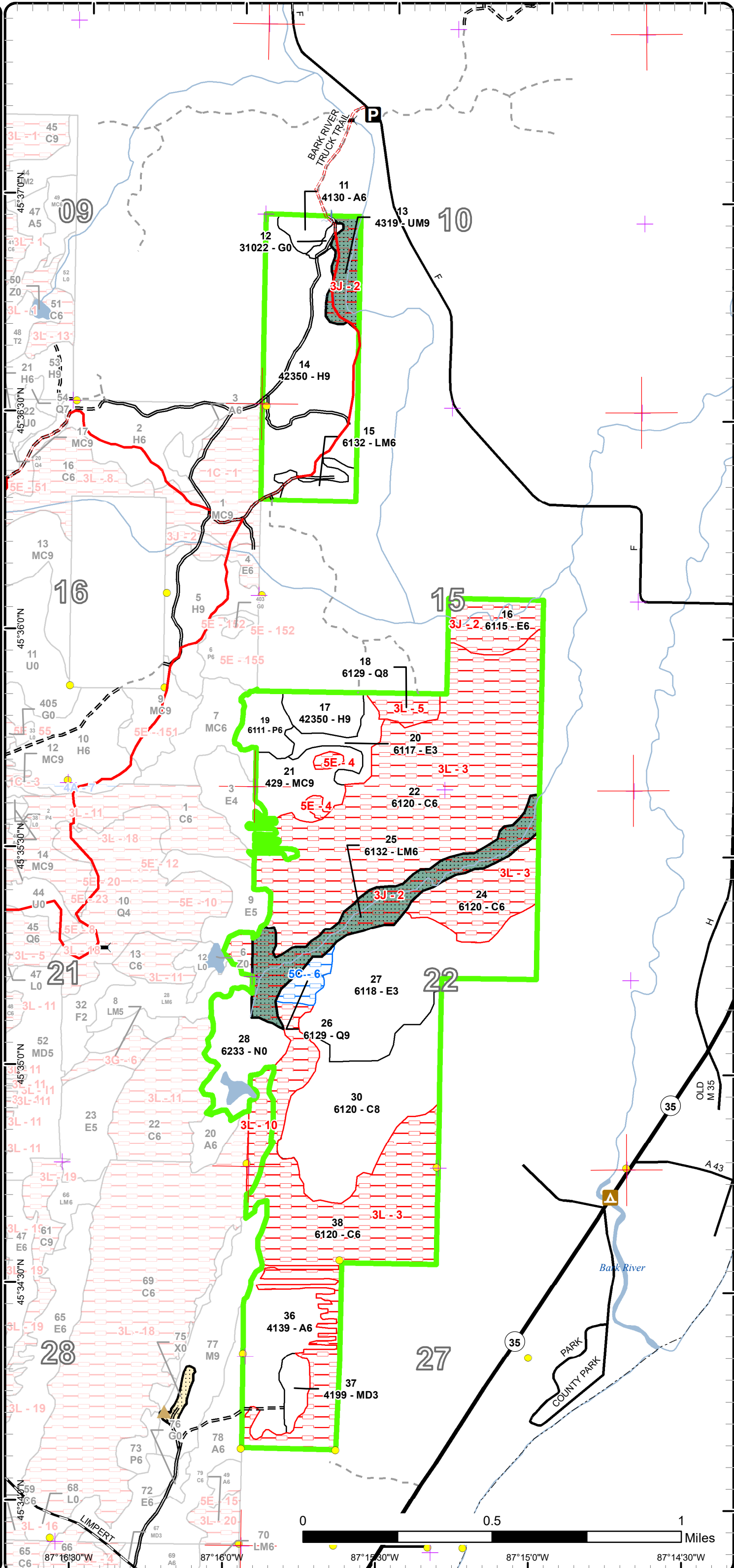


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- Cold Water Lakes
- Vernal Pool
- Sand or Gravel Pit



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	10	0	0	6	41	0	0	0	0	0	0	0	0	0	0	0	0	57
Cedar	0	0	0	0	0	0	0	0	0	0	33	0	408	0	0	0	0	0	440
Hemlock	0	0	0	0	0	0	0	0	0	0	0	0	90	0	14	0	0	0	104
Herbaceous Openland	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Lowland Aspen/Balsam Poplar	0	0	0	0	0	13	0	0	0	0	0	0	0	0	0	0	0	0	13
Lowland Conifers	0	0	0	0	0	0	0	0	0	0	0	0	0	16	0	0	0	0	15
Lowland Deciduous	0	0	0	96	0	0	0	0	0	0	0	20	0	0	0	0	0	0	116
Lowland Mixed Forest	0	21	0	0	0	0	0	0	9	0	0	0	46	0	0	0	0	0	76
Marsh	29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	29
Mixed Upland Deciduous	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
Natural Mixed Pines	0	0	0	0	0	0	0	0	0	0	0	48	0	0	0	0	0	0	48
Upland Conifers	0	0	0	0	0	0	0	0	0	0	5	0	0	0	26	0	0	0	31
Upland Mixed Forest	0	0	0	0	0	0	0	0	0	41	0	0	0	0	14	0	0	0	55
Total	31	31	8	96	6	54	0	0	9	41	38	68	544	16	54	0	0	0	994



Report 2 – Treatment Summary

Escanaba Mgt. Unit

Year of Entry: 2025

Acres of Harvest

Compartment 80

Total Compartment Acres: 996

Commercial Harvest - 163
 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
Aspen	38	0	0	0	0	0	0	0	0	38
Lowland Aspen/Balsam Poplar	13	0	0	0	0	0	0	0	0	13
Natural Mixed Pines	0	0	0	48	0	0	0	0	0	48
Upland Conifers	0	23	0	0	0	0	0	0	0	23
Upland Mixed Forest	41	0	0	0	0	0	0	0	0	41
Total	92	23	0	48	0	0	0	0	0	163

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	163	0	0	0	0	0	0	2	0	165
Next Step	0	48	0	0	0	0	163	0	0	211
Total	163	48	0	0	0	0	163	0	2	377



Stand	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:

4	33080004-Cut	41.2	4319 - Mixed Upland Forest	Poletimber Well	82	81-110	Harvest	Clearcut with Retention	4319 - Mixed Upland Forest	Even-Aged	No
<p><u>Prescription</u> Clearcut with retention: Cut all trees 3 inches and greater except do not cut cedar and/or hemlock. Additionally mark to retain pine seed trees for a seed source and break up the clearcut for aesthetics. The leave trees will be marked throughout the stand with some groups of leave trees to create retention patches of pine, pine cedar/hemlock.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u> Aspen, maple, mixed deciduous and conifer species.</p> <p><u>Other Comment:</u> The stand is along a county road. The best access is through private from the south. The private road access allowance is restricted to winter frozen ground conditions only. Expect the long term management objective of regeneration of mixed conifer and deciduous species to be met following the prescription by the re-inventory cycle. If regeneration is unsuccessful potential planting of red pine through portions of the stand.</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2024</p>											
5	33080005-Cut	48.1	42290 - Natural Mixed Pine	Sawtimber Medium	108	51-80	Harvest	Seed Tree with Retention	429 - Mixed Upland Conifers	Even-Aged	No
<p><u>Prescription</u> Seed Tree with retention: Cut all trees 3 inches and greater dbh except do not cut cedar and/or hemlock. Additionally leave a residual of 10 to 20 BA pine for seed trees. Favor to leave red pine with a mix of red and white pine.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> SitePrep, Scarification; Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u> Mixed upland and lowland conifer species.</p> <p><u>Other Comment:</u> Scarify for a next step treatment along the upland ridges. Avoid and protect existing red pine regeneration during scarification. The best access is through private from the south. Access through private is restricted to the winter frozen ground conditions. Work with landowner to allow scarification equipment use with potential alternate access off the county road if necessary. Long term management objective plant red pine if regeneration is unsuccessful.</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2024</p>											
12	33080012-NF	2.0	31022 - Warm Season Grass	Nonstocked			NonForestMgt	Other - Specify	310 - Herbaceous Openland		No
<p><u>Prescription</u> Prescribed fire, farming (dozing, disking, raking, herbiciding, seeding (native or naturalized species only), fertilizing and liming, brushhog/saw removal of competing trees and establishment of native hard and soft mast producers such as red oak, crabapple or others. Also sharecropping could be considered for this opening.</p> <p><u>Specs:</u></p> <p><u>Next Step</u></p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u></p> <p><u>Other Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 8 /30/2023</p>											



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Stand	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
19	33080019-Cut	13.0	6111 - Lowland Balsam Poplar	Poletimber Well	46	Unspecified	Harvest	Clearcut	6112 - Lowland Aspen	Even-Aged	No
<p><u>Prescription</u> Clearcut: Cut all trees 3 inches and greater dbh. <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Lowland aspen and mixed conifer and mixed deciduous species. <u>Regen:</u> <u>Other</u> Long term regeneration: Expect the successful regeneration of acceptable regeneration during the re-inventory cycle. <u>Comment:</u> <u>Site Condition</u> <u>Proposed Start Date:</u> 10/1 /2024</p>											
21	33080021-Cut	23.1	429 - Mixed Upland Conifers	Sawtimber Well	135	171-200	Harvest	Group Selection	4319 - Mixed Upland Forest	Two-Aged	No
<p><u>Prescription</u> Group selection: Cut all trees except do not cut hemlock and/or cedar. Add the exception spec to allow cedar or hemlock if absolutely necessary to harvest the designated species. <u>Specs:</u> Additionally retain some white pine and yellow birch for seed trees and soft mast. Retention around heaviest hemlock and cedar areas. This stand is in conditional deer wintering range and has a canopy composition of 20% cedar and 30% hemlock. WLD and FRD are in agreement that cedar and hemlock may only be cut for operational purposes. <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Mixed upland conifer and deciduous species. <u>Regen:</u> <u>Other</u> Retention areas are approximate and will be determined at the time of sale prep. <u>Comment:</u> Long term management objective for regeneration monitor during the re-inventory cycle to determine success of acceptable regeneration species and evaluate if additional steps are necessary to enhance the regeneration. <u>Site Condition</u> <u>Proposed Start Date:</u> 10/1 /2024</p>											
36	33080036-Cut	37.9	4139 - Aspen, Mixed Deciduous	Poletimber Well	43	Unspecified	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
<p><u>Prescription</u> Clearcut with retention: Cut all trees 3 inches and greater at dbh. Retention determined at the time of sale prep. <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Aspen, mixed deciduous and mixed conifer species. <u>Regen:</u> <u>Other</u> Monitor the regeneration during the re-inventory cycle. Expect successful regeneration during re-inventory. <u>Comment:</u> <u>Site Condition</u> <u>Proposed Start Date:</u> 10/1 /2024</p>											

Total Treatment Acreage Proposed: 165.3

Report 4 – Site Conditions

Escanaba Mgt. Unit
Dan Racine: Examiner

Compartment: 80
Year of Entry: 2025

Availability for Management

Total Acres	Acres Available	Acres Avail		Dominant Site Conditions	5C	3J	3L	5E
		With Condition	Not Available					
57	57	0	0	Aspen				
405	78	0	327	Cedar			319	7
104	104	0	0	Hemlock				
2	2	0	0	Herbaceous Openland				
13	13	0	0	Lowland Aspen/Balsam Poplar				
16	0	7	8	Lowland Conifers	7		8	
116	96	0	20	Lowland Deciduous	0	20	0	
93	47	0	46	Lowland Mixed Forest		46		
29	29	0	0	Marsh				
8	8	0	0	Mixed Upland Deciduous				
48	48	0	0	Natural Mixed Pines				
32	28	0	3	Upland Conifers				3
55	41	0	13	Upland Mixed Forest		13		
978	553	7	418	Total Forested Acres	7	79	328	11
	57%	1%	43%	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
2	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	79	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
3	Unavailable	3L: Other wildlife concerns	348	Unspecified	Unspecified	Unspecified	Unspecified
Comments: High amount of northern white cedar. Lack of treatment due to Deer Winter Range Guidelines.							

Report 4 – Site Conditions

Escanaba Mgt. Unit
Dan Racine: Examiner

Compartment: 80
Year of Entry: 2025

4	Unavailable	5E: Long-Term Retention	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
5	Unavailable	3L: Other wildlife concerns	9	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Hemlock and cedar is the residual stand.							
6	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments: To small of an area to treat alone. Treat when strips to the south are ready to be treated, probably next treatment period.							
7	Unavailable	5E: Long-Term Retention	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
8	Unavailable	5E: Long-Term Retention	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
9	Unavailable	3L: Other wildlife concerns	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
10	Unavailable	3L: Other wildlife concerns	10	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
SCA #1 Comments	Spring Wetlands Riparian Area	Vernal Pool	SCA	6
SCA #2 Comments	Spring Wetlands Riparian Area	Vernal Pool	SCA	14
SCA #3 Comments	Spring Wetlands Riparian Area	Vernal Pool	SCA	42
Alot of blowdown of all spp., Tops of yb, rm, ash are dying. Floodplain of a tributary of the Bark River.				



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																																	
1	4130 - Aspen	Sapling Well	10.2	5	Immature	N/A	Unit 1 of the 535 aspen sale completed in 2018. Super canopy pine, cedar.																																																																	
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2	6120 - Lowland Cedar	Sawtimber Well	16.0	116		N/A	Stand borders the Bark River. BMP Site Condition.																																																																	
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3	42390 - Mixed Non-Pine Upland Conifers	Sawtimber Poor	5.4	90	1-50	N/A	Unit 2 of the 535 aspen sale completed in 2018 all mature hardwoods and spruce/fir were cut the hemlock and cedar were left. Along 551 and the Bark River. Residual trees from the harvest with the understory regeneration from the sale.																																																																	
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4	4319 - Mixed Upland Forest	Poletimber Well	41.2	82	81-110	N/A	Stand along county road 535. Older aspen and red maple.																																																																	
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5	42290 - Natural Mixed Pine	Sawtimber Medium	48.1	108	51-80	N/A	Stand was treated in 2006. Low areas with red maple and spruce. Sphagnum moss and leatherleaf in the low areas. Good red pine regeneration along old landings and along the road ways.																																																																	
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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7 6130 - Fir, Aspen, Maple Sapling Medium 21.0 9 1-50 N/A Grzyb Hardwood sale completed in 2014. Sale number 330161101. Pocket of hemlock on the east side. Lowest pockets with tag alder and good red maple regeneration in areas of stand. Passes regeneration monitoring. Scattered red pine along edge of stand, scattered white pine and spruce within the stand.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black Ash	5	Sapling	1		Tag Alder	Medium	5 - 10 feet	Tall Shrub
Red Maple	50	Sapling	1	9	Balsam Fir	Low	Variable	Sapling
Northern White Cedar	10	Pole	9					
White Pine	5	Log	12					
Hemlock	5	Log/Pole	10					
Red Maple	5	Log	10					
Balsam Fir	20	Sapling/Pole	3					

11 4130 - Aspen Poletimber Well 6.3 38 N/A from 5 to 7,8 inch aspen, should be ready next t.p

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Spruce	5	Pole	9		White Pine	Medium	< 5 feet	Sapling
Balsam Fir	10	Pole	9		Balsam Fir	Medium	5 - 10 feet	Sapling
Red Maple	15	Pole	7					
Quaking Aspen	65	Pole	7	38				
Balsam Poplar	5	Pole	7					

12 31022 - Warm Season Grass Nonstocked 2.0 No

13 4319 - Mixed Upland Forest Sawtimber Well 13.5 137 81-110 N/A Bark River corridor. Hemlock and red maple on top of ridge and more cedar an buch along th river.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Yellow Birch	15	Log/Pole	12		Black Ash	Low	10 - 20 feet	Sapling
White Spruce	3	Log/Pole	10		Balsam Fir	Low	< 5 feet	Sapling
White Pine	5	Log	14		Yellow Birch	Low	>20 feet	Pole
Hemlock	20	Log/Pole	12		Hemlock	Low	>20 feet	Pole
Black Ash	7	Log/Pole	10					
Red Maple	10	Pole	9					
Northern White Cedar	30	Log/Pole	12	137				
Green Ash	10	Log	12					

14 42350 - Upland Hemlock Sawtimber Well 90.2 118 N/A Stand 14 is a good candidate for hemlock regeneration harvests. Scattered pockets of high hemlock regeneration throughout the stand.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Hemlock	65	Log/Pole	10	118	Beech	Low	< 5 feet	Sapling
Northern White Cedar	5	Pole	9		White Pine	High	10 - 20 feet	Sapling
White Pine	20	Log	16		Hemlock	Medium	< 5 feet	Sapling
Red Pine	10	Log	16					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																						
15	6132 - Mixed Lowland Forest with Cedar	Poletimber Well	8.8	73	51-80	N/A	The north finger is mostly red maple 6 to 8 inches diameter. Scattered paper and yellow birch, couple black ash, balsam fir, and hemlock. Log sized maple and birch in the south portion. Pockets of mostly cedar and hemlock and pockets of mostly hardwood. Current age from the hardwood.																																																						
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16	6115 - Lowland Ash	Poletimber Well	20.4	100		N/A	Buffer along the Bark River. Through cedar stand with ash component.																																																						
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19	6111 - Lowland Balsam Poplar	Poletimber Well	13.0	46	Unspecified	N/A	Balm stand with 9 inch dbh and some 6 to 8 inch balsam poplar and red maple.																																																						
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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20 6117 - Lowland Deciduous, Mixed Coniferous Sapling Well 11.5 22 Immature N/A Phragmites is located within this stand.

Canopy Species	% Cover	Size Class	DBH	Age
Balsam Fir	5	Sapling	1	
White Spruce	5	Sapling	1	
Northern White Cedar	10	Pole	8	
Red Maple	30	Sapling	1	
Green Ash	40	Sapling	1	22
Hemlock	10	Pole	9	

21 429 - Mixed Upland Conifers Sawtimber Well 26.4 135 171-200 N/A Mixed upland and lowland stand. North end is upland and a ridge south drops lower.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Yellow Birch	10	Log/XLog	14		Yellow Birch	Low	>20 feet	Sapling
Red Maple	25	Log	12	99	Balsam Poplar	Low	>20 feet	Pole
White Pine	10	XLog/Log	18		White Pine	Low	< 5 feet	Sapling
Hemlock	30	Log/Pole	11	135	Red Maple	Low	>20 feet	Sapling
Black Ash	5	Pole	9					
Northern White Cedar	20	Log	12					

22 6120 - Lowland Cedar Poletimber Well 187.8 112 N/A Cedar with small diameter ash, paper birch, balsam fir, black spruce 4-7"dbh.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black Spruce	5	Pole	9		Balsam Fir	Low	< 5 feet	Sapling
Balsam Fir	5	Pole	8		Black Spruce	Low	< 5 feet	Sapling
Paper Birch	5	Pole	7		Black Ash	Low	< 5 feet	Sapling
Northern White Cedar	70	Pole	7	112	Tag Alder	Medium	5 - 10 feet	Tall Shrub
Green Ash	5	Pole	7					
Black Ash	10	Pole	5					

24 6120 - Lowland Cedar Poletimber Well 32.7 92 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black Spruce	5	Pole	9		Balsam Fir	Low	>20 feet	Sapling
Northern White Cedar	70	Pole	9	92				
Black Ash	15	Pole	7					
Paper Birch	10	Pole	7					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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25 6132 - Mixed Lowland Forest with Cedar Poletimber Well 45.6 113 81-110 N/A
 Lot of blowdown of all spp., Tops of yb, rm, ash are dying. Floodplain of a tributary of the Bark River.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black Ash	20	Pole	7		Green Ash	High	< 5 feet	Sapling
Northern White Cedar	45	Pole	8	113	Black Ash	High	< 5 feet	Sapling
Black Spruce	5	Pole	9		Balsam Fir	Low	< 5 feet	Sapling
Yellow Birch	10	Pole	8		Black Spruce	Medium	< 5 feet	Sapling
Red Maple	5	Pole	8					
Green Ash	15	Pole	8	112				

26 6129 - Mixed Coniferous Lowland Forest Sawtimber Well 7.1 122 N/A
 Good size hemlock and Pine. Rm and Sm are just getting into sawlog size.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Hemlock	60	Log/Pole	12	122	White Pine	Low	5 - 10 feet	Sapling
Sugar Maple	5	Log/Pole	10		Balsam Fir	Low	5 - 10 feet	Sapling
Red Maple	10	Log	12					
White Pine	25	XLog/Log	18					

27 6118 - Lowland Deciduous with Cedar Sapling Well 84.4 25 Immature N/A
 Lots of cedar blowdown. Cedar and hemlock are super canopy with some white pine. Balm, aspen, red maple, balsam fir and other species regenerating. Sapling close to pole stand at this time.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Paper Birch	5	Sapling	3		Tag Alder	Low	5 - 10 feet	Tall Shrub
Quaking Aspen	15	Sapling	3		Black Spruce	Medium	5 - 10 feet	Sapling
Balsam Poplar	50	Sapling	3	25	White Pine	Low	5 - 10 feet	Sapling
Hemlock	5	Log/Pole	10		Balsam Fir	High	Variable	Sapling
Black Ash	5	Sapling	3					
Northern White Cedar	20	Log	14					

28 6233 - Wet Meadow Nonstocked 29.4 No Lowland shrub along the edge.

30 6120 - Lowland Cedar Sawtimber Medium 76.5 116 1-50 N/A
 Stand that was cut with cedar and hemlock residual. Mix of 50 to 75 and 75 to 100 canopy closure. Other species are ash in the canopy.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	5	Pole	5		Red Maple	Medium	10 - 20 feet	Sapling
Balsam Poplar	15	Pole	5	30	Quaking Aspen	Medium	10 - 20 feet	Sapling
Hemlock	5	Log	10		Balsam Poplar	Medium	10 - 20 feet	Sapling
Northern White Cedar	70	Log	12	116	White Spruce	Medium	5 - 10 feet	Sapling
Quaking Aspen	5	Pole	5					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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36 4139 - Aspen, Mixed Deciduous Poletimber Well 40.8 43 Unspecified N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	5	Pole	8		White Spruce	Low	5 - 10 feet	Sapling
Green Ash	10	Pole	8		Paper Birch	Low	5 - 10 feet	Sapling
Red Maple	5	Pole/Sapling	7		Balsam Fir	Low	5 - 10 feet	Sapling
Balsam Poplar	20	Pole	9		Quaking Aspen	Low	5 - 10 feet	Sapling
Quaking Aspen	50	Pole	9	43	Green Ash	Low	5 - 10 feet	Sapling
Paper Birch	5	Pole	7					
White Spruce	5	Pole	8					

37 4199 - Other Mixed Upland Deciduous Sapling Well 7.6 15 1-50 N/A

Mix of high and low ground, primarily a P stand. There are some open areas that will probably fill in with sp/fb. Heavy blowdown on east side.

Canopy Species	% Cover	Size Class	DBH	Age
Balsam Poplar	85	Sapling	2	15
Balsam Fir	2	Sapling	2	
White Spruce	10	Sapling	2	
Quaking Aspen	3	Sapling	2	

38 6120 - Lowland Cedar Poletimber Well 127.3 116 N/A

Pockets of short lived species to the south and northwest.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	5	Pole	9		Tag Alder	Medium	5 - 10 feet	Tall Shrub
White Spruce	5	Pole	9		Black Ash	Medium	10 - 20 feet	Sapling
Balsam Poplar	5	Log/Pole	10	73	White Spruce	Low	5 - 10 feet	Sapling
Northern White Cedar	65	Pole	8	116				
Black Ash	5	Pole	7					
Red Maple	5	Pole	8					
Paper Birch	5	Pole	9					
Green Ash	5	Pole	8					