

Compartment Review Presentation

Newberry Forest Management Unit

Compartment 42069

Entry Year: 2027

Acreage: 2,050

County: Chippewa

Management Area: Grand Marais Moraine Complex

Stand Examiner: Matt Payment

Legal Description:

T48N R6W Sections 3, 4 & 5

T49N R6W Sections 27, 33 & 34

Identified Planning Goals:

Maintain or improve the forest health and productivity through limited timber management while simultaneously protecting the unique natural communities found within the compartment. Increase age class and structural diversity in forested upland stands. Through any management, care should be taken to maintain the integrity of the sensitive communities associated with the patterned fen complex within the compartment.

Soil and topography:

Lowland peat soils and muck soils dominate the compartment. Forested cover types on these lowland soils are mainly treed bogs, sub-merchantable, low quality cedar, and some open bogs. Subtle ridges and higher ground within the compartment are comprised of sand or sand loams producing forested cover types of mixed deciduous, white birch, white pine, red pine and black spruce. The topography of the compartment is primarily level, low ground with slight ridges in the eastern portions of the compartment and areas of higher ground along the western reaches of the compartment.

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

The compartment is entirely State owned. The compartment is bordered by private property to the east and to the north. The western boundary is bordered primarily by two large private land holdings, the Hiawatha Club and the Maranatha Preserve (wildlife preserve). To the south of the compartment lies the Tahquamenon Falls State Park. Land use and development are substantial to the east of the compartment with many small private parcels containing either permanent or seasonal residences along Lake Superior. Land use and development to the north is increasing with the parceling and sale of many private properties. The lands to the west and south of the compartment should see very little development with the State Park and the wildlife preserve. Due to the lowland nature and "inaccessibility" of the compartment, land use within the compartment boundaries will remain minimal.

Unique Natural Features:

MNFI has documented a Patterned Fen within sections 33, 34, and 3, 4 of the compartment, and lists a number of unique plants associated with the Patterned Fen. There is the potential for various wildlife such as osprey, moose, eagle and Blanding's turtle. There's also the potential for unique plants such as yellow pitcher plant, English sundew, black crowberry and a host of others. Black Creek flows through the compartment and out to Lake Superior.

Archeological, Historical, and Cultural Features:

The Bureau of History does not list any records of historical features within the compartment. There are no concerns for this compartment.

Special Management Designations or Considerations:

Most of the compartment is a large complex of unique communities and features associated with the Patterned Fen. Those stands comprising the patterned fen and adjacent area have been designated as a Special Conservation Area (SCA). Possible effects on this system should be carefully considered when management activities take place.

Watershed and Fisheries Considerations:

Fisheries Concerns: Black Creek, Clark's Creek, and O'Brien's Creek are located within this compartment. O'Brien's Creek is listed as a Type-1 designated trout stream, while Black Creek and Clark's Creek are not. Stand 1 near O'Brien's Creek has the appropriate minimum 100-foot riparian management zone (RMZ) applied. Stand 10 treatment covers Clark's Creek, so a minimum 100 foot, plus 5 feet per 1% increase in slope, RMZ should be applied to in accordance with BMP's near surface water.

Wildlife Habitat Considerations:

Compartment 69 lies in northern Chippewa County along Lake Superior and is in the Grand Marais Moraine Complex

Management Area. This compartment is dominated by bogs, marshes and lowland brush with a medium component of swamp conifers and scattered fir, birch and aspen stands. Approximately ¼ to 1/3 of the compartment consists of wildlife purchased lands. Harvested stands have similar species diversity and thus maintaining as much structural and species diversity as possible and remaining trees will provide food sources, nest and den trees, and improve stand diversity. Wildlife species potentially using this compartment include white-tailed deer, moose, black bear, gray wolves, grouse, and mink. Featured species include Blackburnian warbler, black throated blue warbler, American marten, Kirtland's warbler, red crossbill, spruce grouse, ruffed grouse and white-tailed deer.

Mineral Resource and Development Concerns and/or Restrictions

Sections 27, 33, & 34, T49N R6W and sections 3-5, T48N R6W, Chippewa County.

Surface sediments consist of lacustrine sand and gravel and peat and muck. There is insufficient data to determine the glacial drift thickness (~ 100-300 feet). The Precambrian Jacobsville Sandstone subcrops below the glacial drift. The Jacobsville was used as a building stone in the past. There may be some minor sand and gravel pits in Section 22, and there may be some potential within the compartment. There is no economic oil and gas production in the UP.

Vehicle Access:

The compartment is located one mile south of Paradise, west of M-123. The main access to the general vicinity of the compartment is via Highway M-123 to the east. Preacher Lakes Road approaches the compartment from the northwest but is gated at the private property. Vehicle access to the actual compartment is limited to those with permission to cross private land. There is some ORV activity in the southwestern portion of the compartment, coming from the adjacent private land. During winter months, access can be via the groomed snowmobile trail.

Survey Needs:

Survey needs are dependent on access issues. If access is gained and timber management occurs, the following corners are needed: W1/16, SW1/16 and S1/16 of Section 27; ¼ corner between Sec 27 and 34; the N1/16, Center, and S1/16 of Section 34; These survey needs will be prioritized once it is certain whether or not access can be acquired.

Recreational Facilities and Opportunities:

The Paradise-Raco snowmobile trail (trail #8) runs through the eastern most part of the compartment. Other recreational opportunities are limited due to access through private land, but would include hunting, hiking, and wildlife viewing.

Fire Protection:

The Whitefish Zone Dispatch Area touches the northern and northwestern portions of this compartment. This area will have long response times and lowland conifers may make suppression activities difficult. Due to the presence of the patterned fen and associated sensitive soils, Minimal Impact Suppression Tactic (MIST) should be implemented when suppressing wildfires in the majority of the compartment.

Additional Compartment Information:

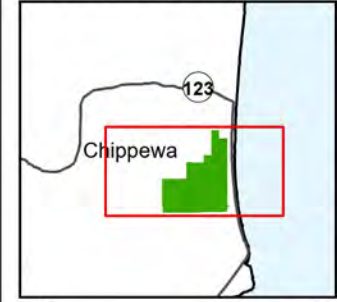
The following reports from the Inventory are attached:

- 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**

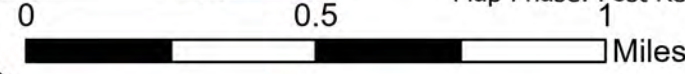
The following information is displayed, where pertinent, on the attached compartment maps:

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

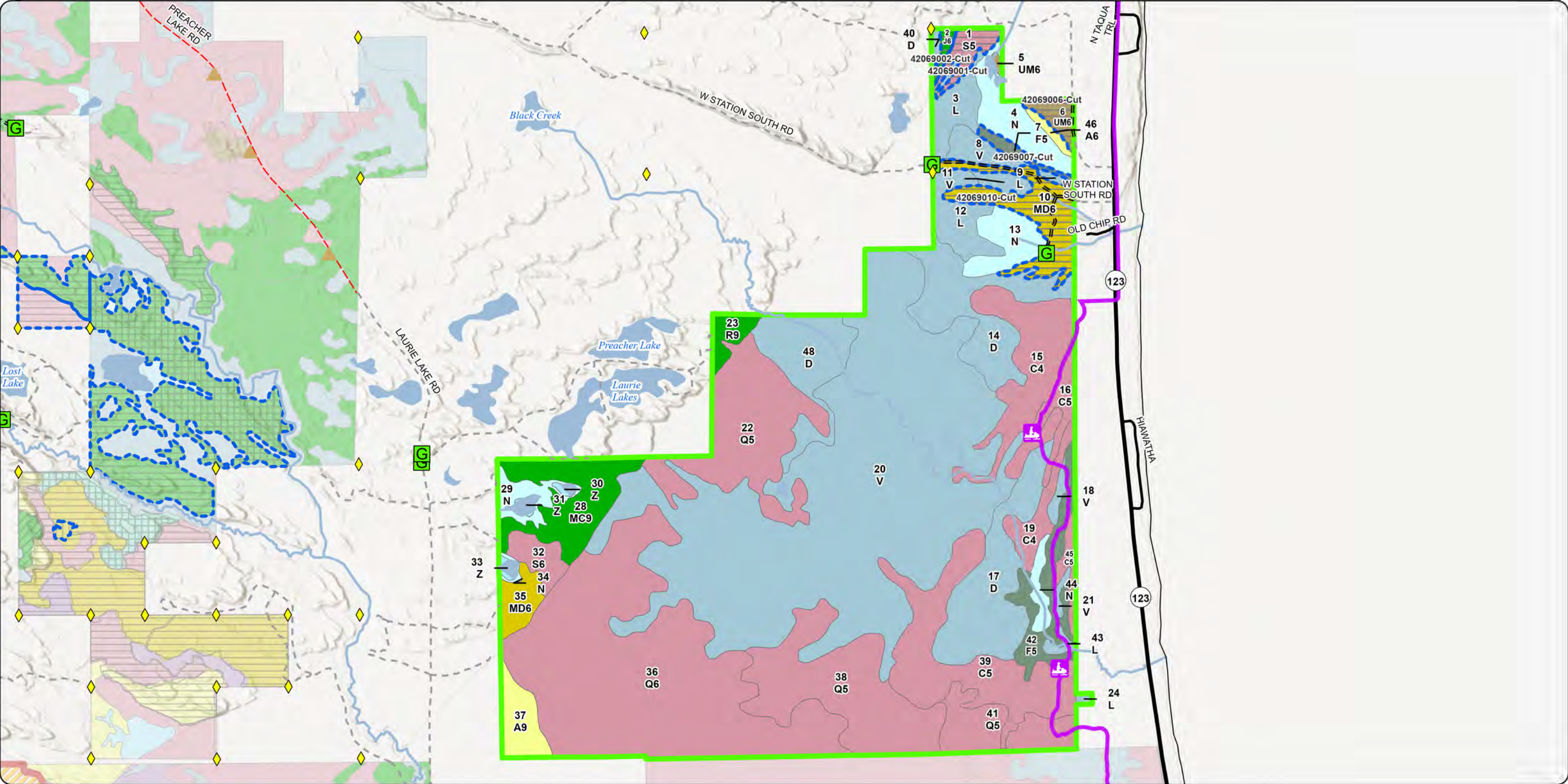
Cover Type & Treatments Map



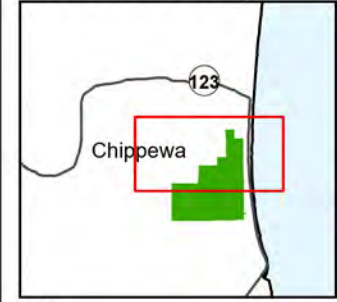
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 T49N R06W Sec. 32-34, 27
 T48N R06W Sec. 03-05
 County: Chippewa
 Unit: Newberry
 Mgmt. Area: Grand Marais Moraine Complex
 YOE: 2027
 Acres: 2,050 GIS Calculated
 Examiner: Matt Payment
 Date Exported: 2/23/2026
 Map Phase: Post Review



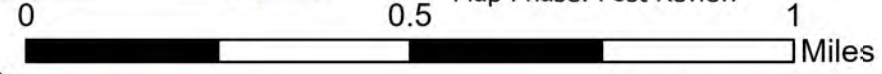
- ◆ Survey Grade Corners
- ▲ Berm
- Ⓜ Gate
- Designated Snowmobile
- === DNR - Forest Access Route
- Federal / State Highway
- Federal / State / County - Paved Road
- County - Dirt Road (Seasonal)
- - - Private - Dirt / Gravel Road
- Streams
- Lakes and Rivers
- Compartment Boundary
- Treatments with Site Conditions
- Clearcut
- 419 - Mixed Upland Deciduous
- 422 - Natural Pines
- 423 - Other Upland Conifers
- 430 - Upland Mixed Forest
- 500 - Water
- 612 - Lowland Coniferous Forest
- 622 - Lowland Shrub
- 623 - Emergent Wetland



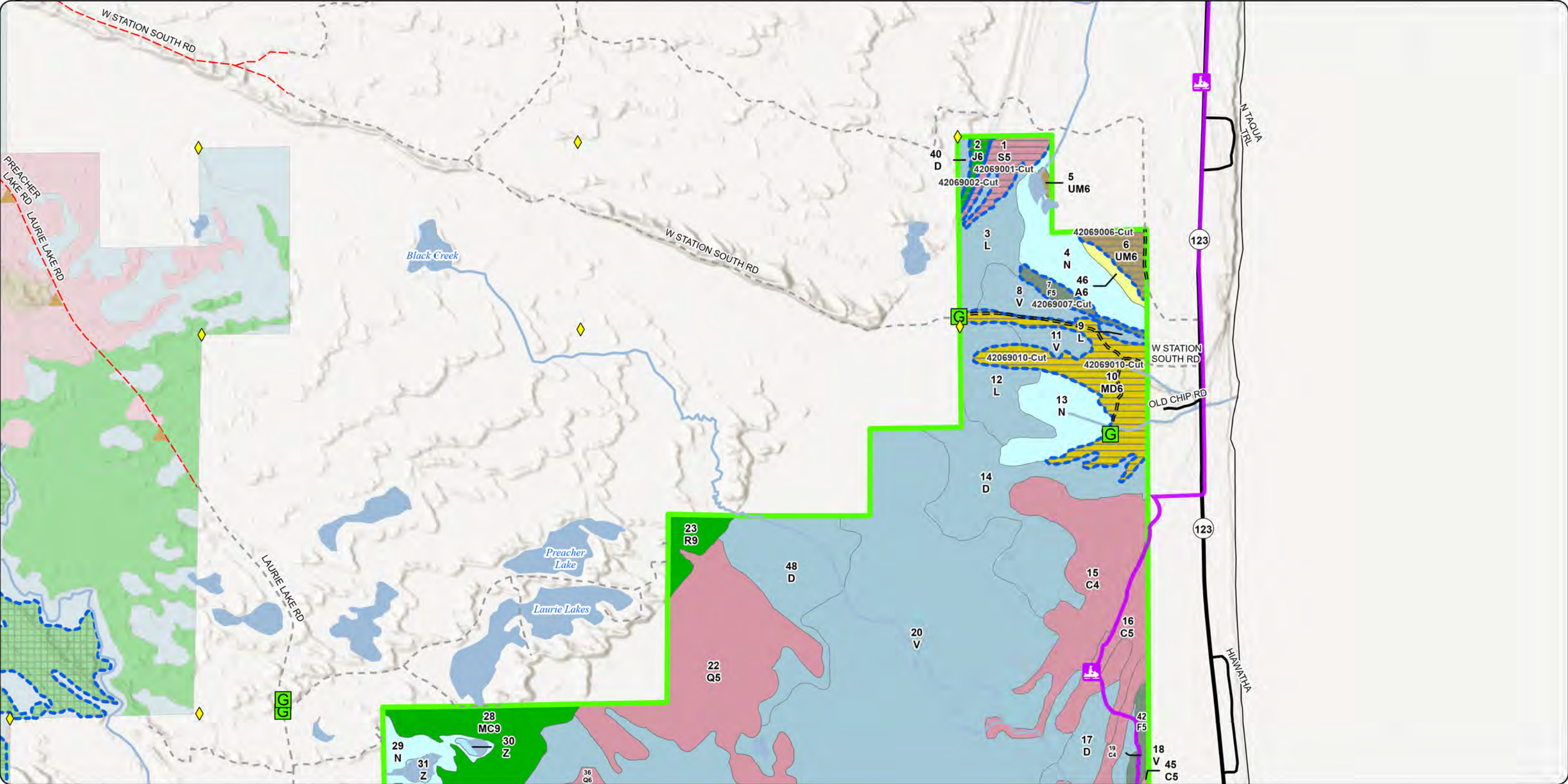
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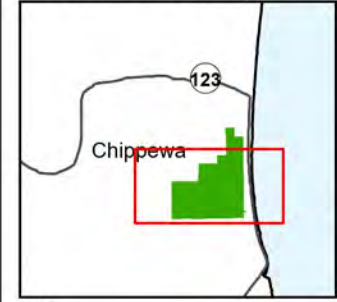
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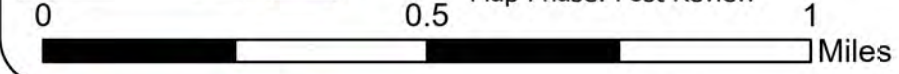
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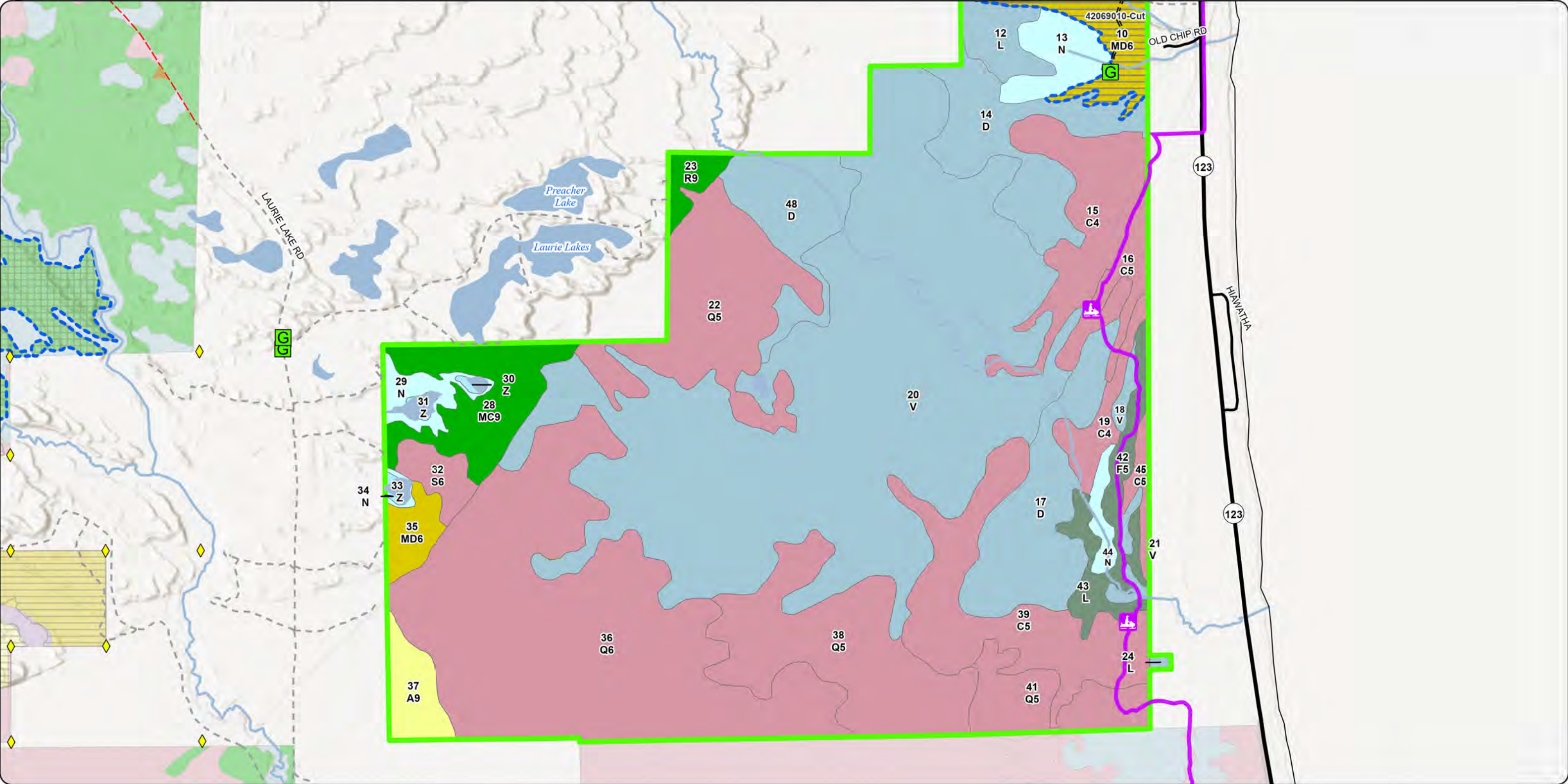
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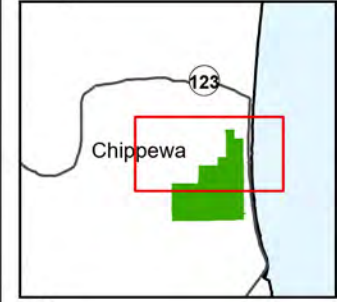
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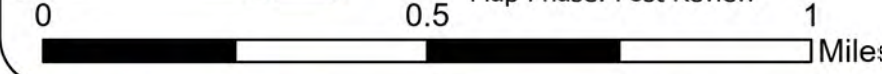
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Stand Boundary Map



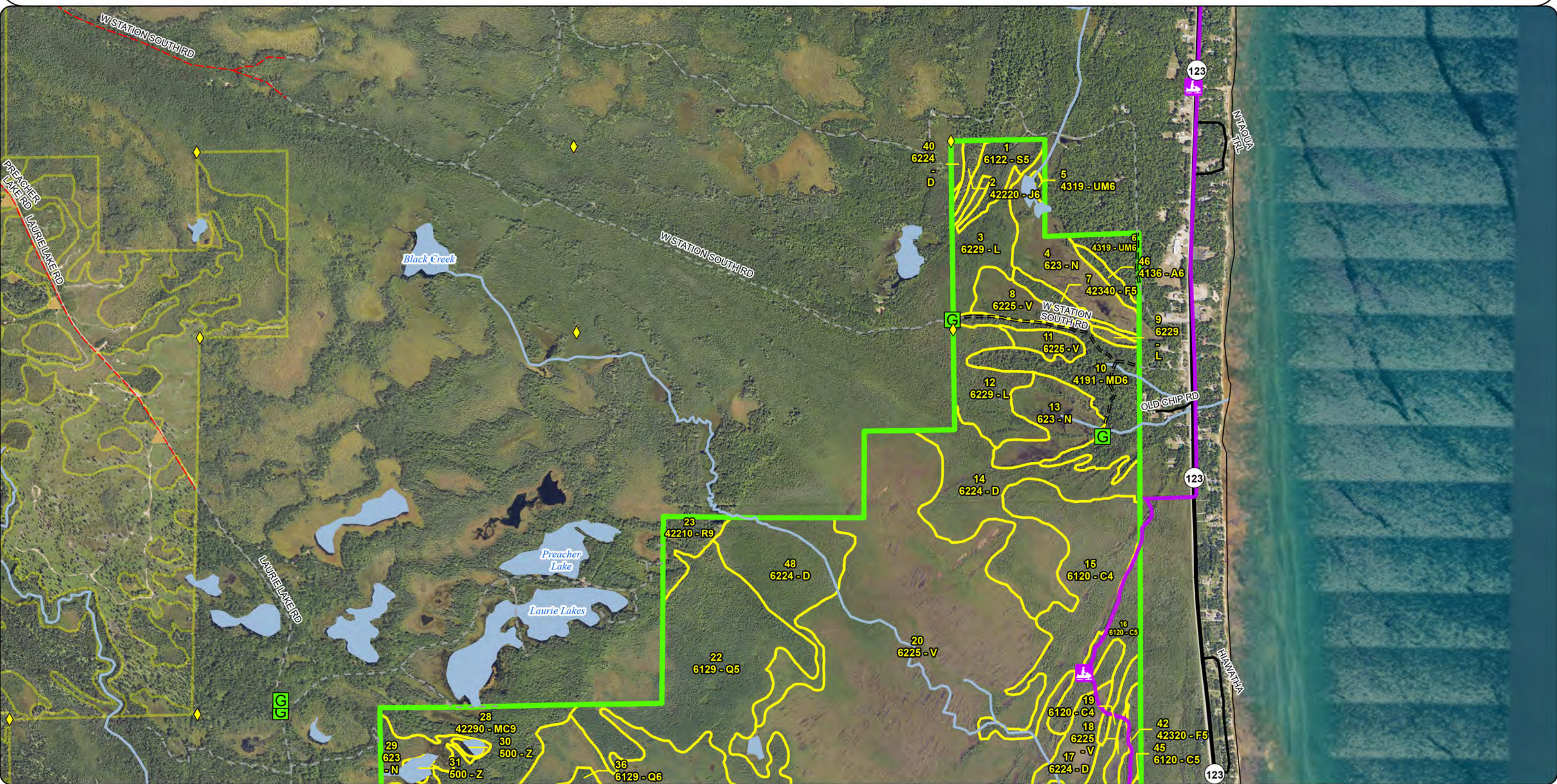
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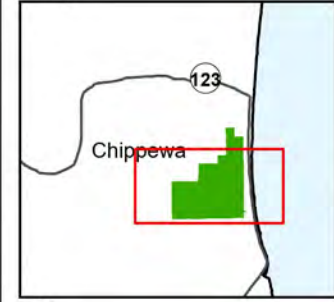
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- Compartment Stand Yellow Outline (PD)
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- 419 - Mixed Upland Deciduous

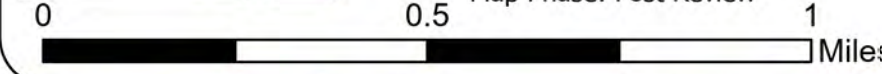
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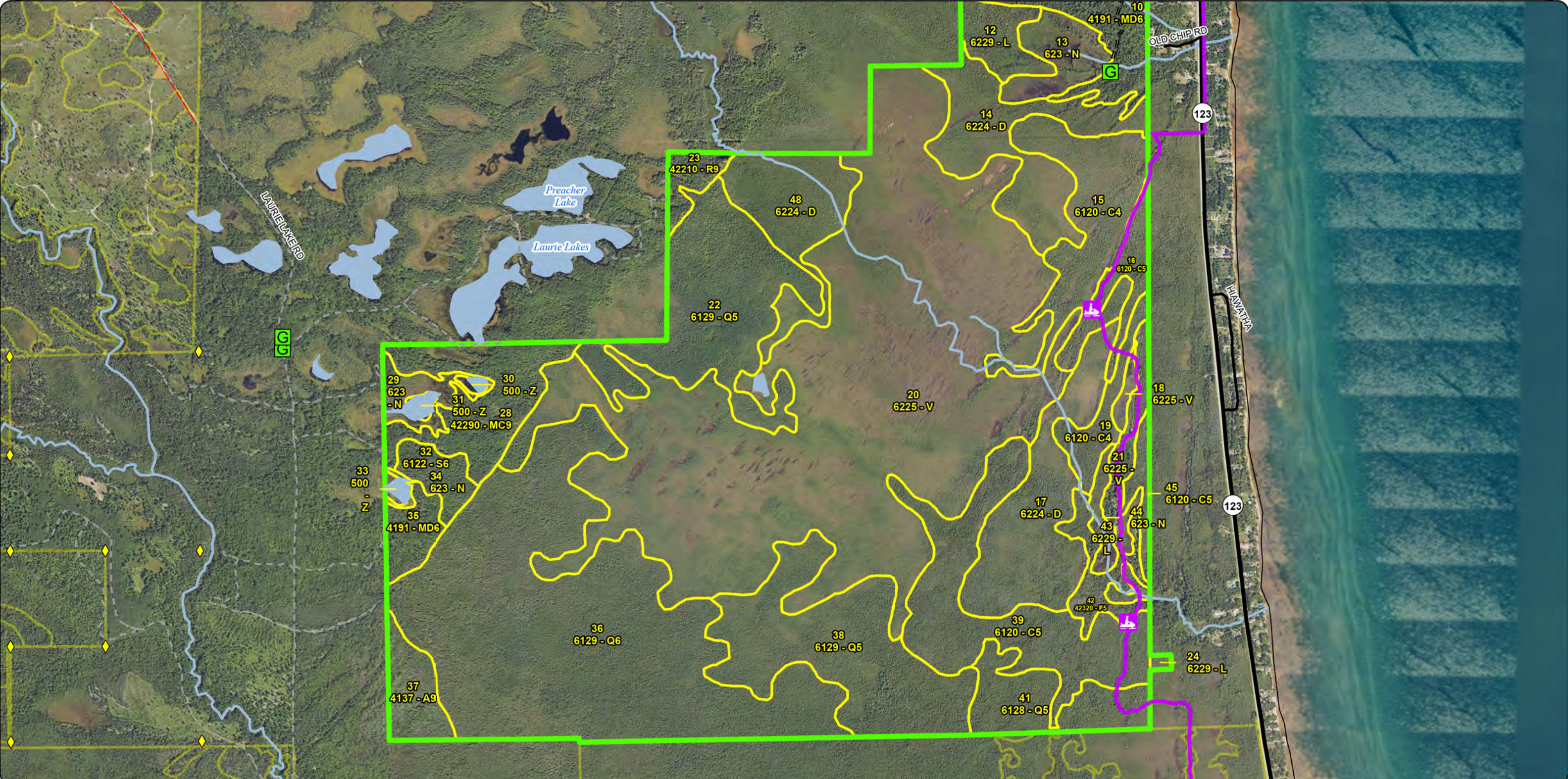
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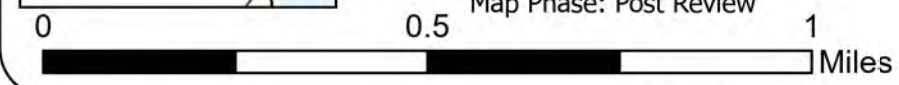
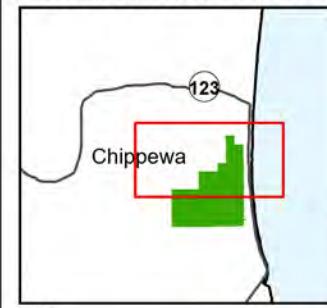


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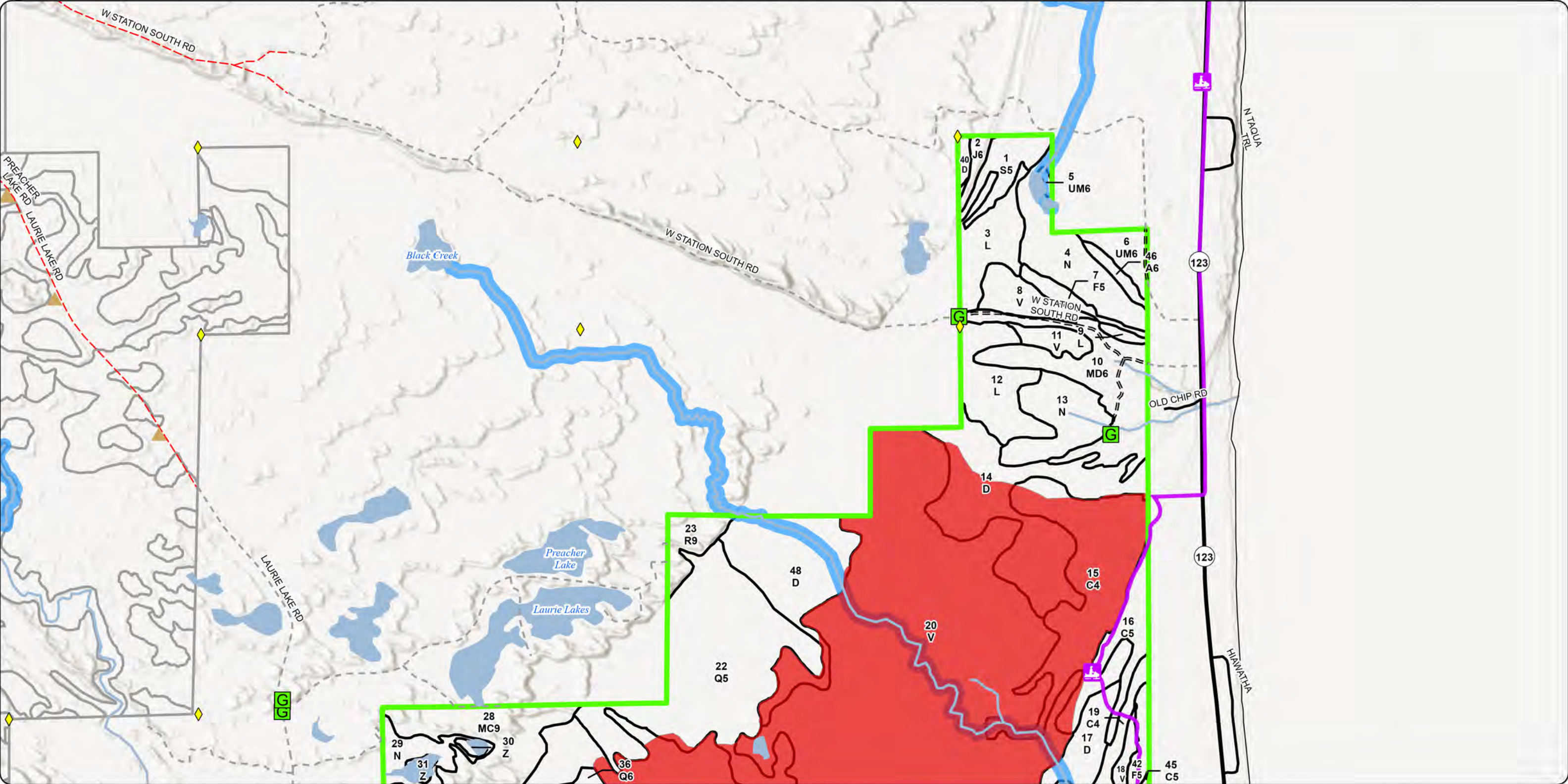


Special Conservation Areas & Site Conditions Map

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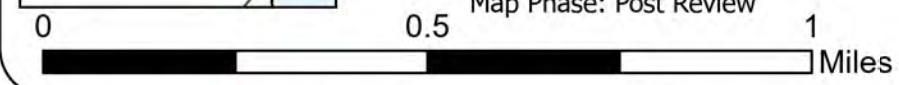
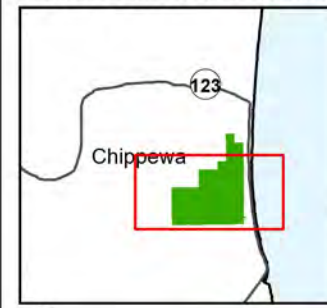


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- High Conservation Value Areas
- Ecological Reference Areas
- Cold Water Lakes and Streams
- Cold Water Streams
- Springs, Wetlands, and Riparian Areas
- High Priority Trout Stream Buffer

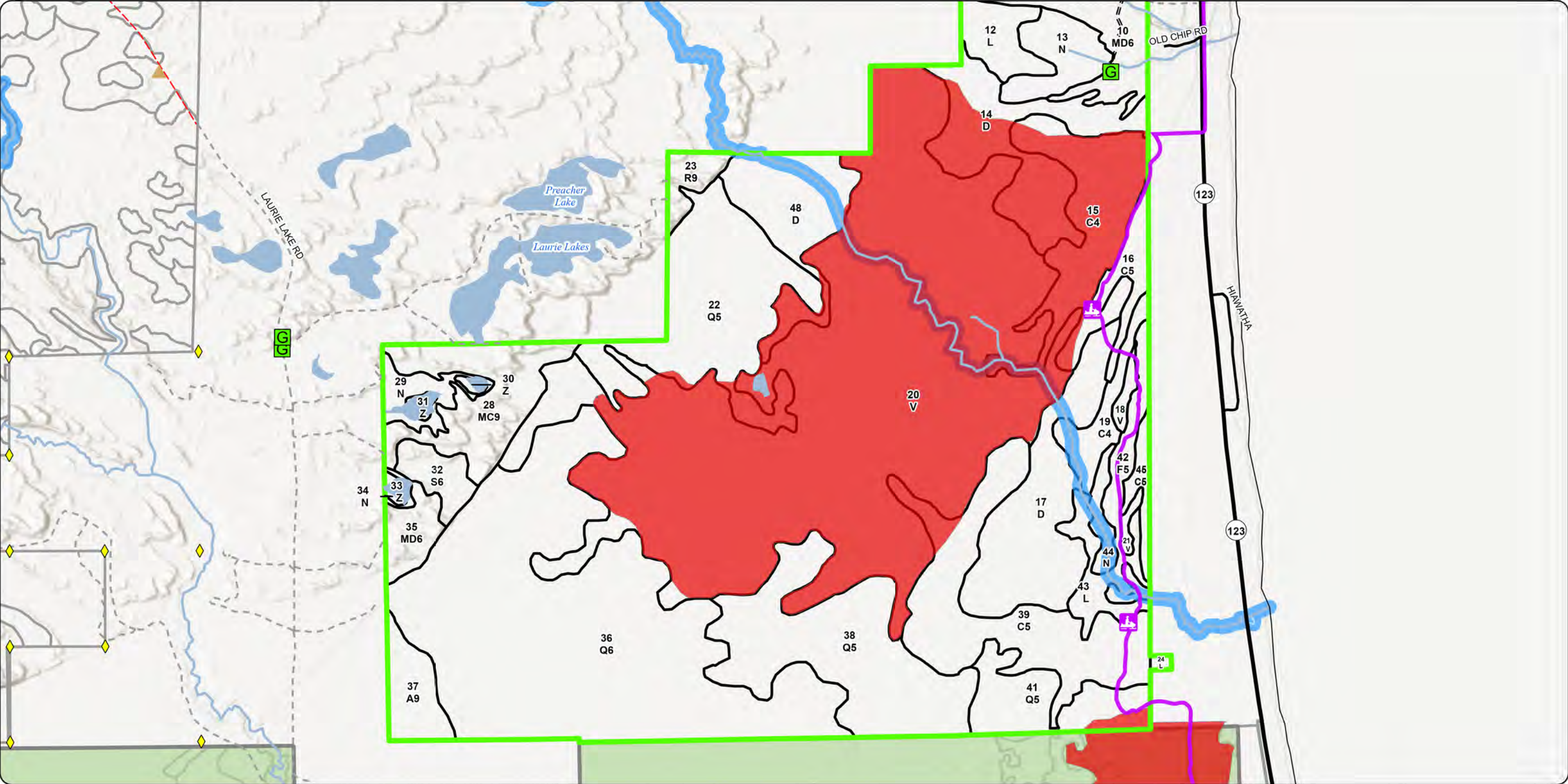


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- Ecological Reference Areas
- Existing SCA
- Cold Water Lakes and Streams
- Cold Water Streams
- Springs, Wetlands, and Riparian Areas
- High Priority Trout Stream Buffer
- Visual Management Areas
- Recreational/Scenic Value Area



Report 1 – Total Acres by Cover Type and Age Class

Newberry Mgt. Unit

Compartment 69

Year of Entry 2027

Matt Payment: Examiner

Age Class

	Non-Forest	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100-109	110-119	120-129	130-139	140-149	150+	Unseen-Aged	Total
Aspen	0	0	0	0	0	0	0	0	0	0	24	4	0	0	0	0	0	0	28
Bog	615	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	615
Cedar	0	0	0	0	0	0	0	0	0	16	104	102	0	0	0	0	0	0	222
Jack Pine	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	4
Lowland Conifers	0	0	0	0	0	0	0	0	0	118	440	43	0	0	0	0	0	0	601
Lowland Shrub	59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	59
Lowland Spruce/Fir	0	0	0	0	0	0	0	0	0	14	16	0	0	0	0	0	0	0	30
Marsh	85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	84
Mixed Upland Deciduous	0	0	0	0	0	0	0	0	48	17	0	0	0	0	0	0	0	0	65
Natural Mixed Pines	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	58	58
Red Pine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	12
Treed Bog	209	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	209
Upland Mixed Forest	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	12
Upland Spruce/Fir	0	0	0	0	0	0	0	0	7	38	0	0	0	0	0	0	0	0	44
Water	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
Total	975	0	0	0	0	0	0	0	67	203	584	153	0	0	0	0	0	70	2050

Report 2 – Treatment Summary

Newberry Mgt. Unit
Year of Entry: 2027

Acres of Harvest

Compartment 69
Total Compartment Acres: 2,050

Commercial Harvest -
Harvests with Site Condition - 168
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	4	0	0	0	0	0	0	0	0	4
Lowland Spruce/Fir	14	0	0	0	0	0	0	0	0	14
Mixed Upland Deciduous	48	0	0	0	0	0	0	0	0	48
Upland Mixed Forest	10	0	0	0	0	0	0	0	0	10
Upland Spruce/Fir	7	0	0	0	0	0	0	0	0	7
Total	83	0	0	0	0	0	0	0	0	83

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	83	0	0	0	0	0	0	0	0	83
Next Step	0	4	0	0	0	0	83	0	0	88
Total	83	4	0	0	0	0	83	0	0	171

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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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Approved Treatments:

1	42069001-Cut	14.4	6122 - Black Spruce	5	81	51-80	Harvest	Clearcut	6122 - Black Spruce	Planting Record	No
<p><u>Prescription</u> Clearcut with reserves. Retain 3% of stand acreage in a retention pocket. Leave 1 per 2 acre of white pine and spruce, birch, red maple in the red line.</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</u> black spruce with a lowland conifer mix</p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition:</u> Survey Needed</p> <p><u>Proposed Start Date:</u> 10/01/2026</p>											
2	42069002-Cut	4.1	42220 - Natural Jack Pine	6	106	51-80	Harvest	Clearcut	4222 - Natural Jack Pine	Planting Record	No
<p><u>Prescription</u> Clearcut. Remove all jack pine, and spruce. Small acreage, no retention needed. Leave a few white pine and spruce along edges</p> <p><u>Specs:</u></p> <p><u>Next Step</u> SitePrep, Scarification; Monitoring, Natural Regen (Intermediate)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Jack Pine with spruce</p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition:</u> Survey Needed</p> <p><u>Proposed Start Date:</u> 10/01/2026</p>											
6	42069006-Cut	10.3	4319 - Mixed Upland Forest	6	77	81-110	Harvest	Clearcut	4319 - Mixed Upland Forest	Planting Record	No
<p><u>Prescription</u> Clearcut, no retention. Small acreage. Leave all supercanopy white pine. Leave aspen in red line and leave all 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</u> Mixed upland with aspen</p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition:</u> Survey Needed</p> <p><u>Proposed Start Date:</u> 10/01/2026</p>											

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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
7 42069007-Cut	6.5	42340 - Upland Spruce/Fir	5	76	51-80	Harvest	Clearcut	42330 - Upland Fir	Planting Record	No
<p><u>Prescription</u> Clearcut, no retention. Small acreage. Leave white pine over 22" for nest trees. <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Mix of upland conifers with deciduous component <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> Survey Needed <u>Proposed Start Date:</u> 10/01/2026</p>										
10 42069010-Cut	48.1	4191 - Mixed Upland Deciduous with Conifer	6	77	111-140	Harvest	Clearcut	4199 - Other Mixed Upland Deciduous	Planting Record	No
<p><u>Prescription</u> Clearcut with retention. Harvest all species except red oak and red pine. Retain a component of large diameter white pine and all hemlock. <u>Specs:</u> Standard BMP 100-foot RMZ between the clearcut treatment and surface water (Clark's Creek and the adjacent wetland) <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> mixed upland deciduous species with a conifer component. <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> Survey Needed <u>Proposed Start Date:</u> 10/01/2026</p>										

Total Treatment Acreage Proposed: 83.4

Report 4 – Site Conditions

Newberry Mgt. Unit
Matt Payment: Examiner

Compartment: 69
Year of Entry: 2027

Availability for Management

Total Acres	Acres Available	Acres Avail			Dominant Site Conditions							
		With Condition	Not Available		2B	2I	2A	3A	3B	3L	5D	
28	0	28	0	Aspen	24	4						
595	28	0	566	Bog				478		89		
222	10	0	212	Cedar				72	119	22		
4	0	4	0	Jack Pine		4						
600	0	0	600	Lowland Conifers			69	3		488	40	
59	59	0	0	Lowland Shrub								
30	0	30	0	Lowland Spruce/Fir	16	14						
84	85	0	0	Marsh								
65	0	65	0	Mixed Upland Deciduous	17	48						
58	0	58	0	Natural Mixed Pines	58							
12	0	0	12	Red Pine			12					
207	0	0	207	Treed Bog				41			167	
11	0	11	0	Upland Mixed Forest		11						
44	0	7	38	Upland Spruce/Fir		7			38			
7	7	0	0	Water								
2,027	188	203	1,636	Total Forested Acres	115	88	82	593	157	598	207	
	9%	10%	81%	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	Available	2I: Survey needed	88	2B: Unknown if access through adjacent landowner(s) is possible	Unspecified	Unspecified	Unspecified
Comments:							
2	Available	2B: Unknown if access through adjacent landowner(s) is possible	115	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Newberry Mgt. Unit
 Matt Payment: Examiner

Compartment: 69
 Year of Entry: 2027

3	Unavailable	2A: Adjacent landowner denied access	82	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
4	Unavailable	3B: Threatened, endangered, and special concern species	70	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
5	Unavailable	3B: Threatened, endangered, and special concern species	38	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
6	Unavailable	3A: Conservation values incompatible with harvest at this time	593	Unspecified	Unspecified	Unspecified	Unspecified
Comments: ERA							
7	Unavailable	5D: Unproductive forest land	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
8	Unavailable	3A: Conservation values incompatible with harvest at this time	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments: ERA							

Report 4 – Site Conditions

Newberry Mgt. Unit
 Matt Payment: Examiner

Compartment: 69
 Year of Entry: 2027

9	Unavailable	5D: Unproductive forest land	225	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
10	Unavailable	3L: Other wildlife concerns	598	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Habitat considerations.							
11	Unavailable	3B: Threatened, endangered, and special concern species	19	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
12	Unavailable	3B: Threatened, endangered, and special concern species	14	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
13	Unavailable	3B: Threatened, endangered, and special concern species	16	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
15	Unavailable	3A: Conservation values incompatible with harvest at this time	0	Unspecified	Unspecified	Unspecified	Unspecified
Comments: ERA							

Report 4 – Site Conditions

Newberry Mgt. Unit
 Matt Payment: Examiner

Compartment: 69
 Year of Entry: 2027

18	Unavailable	3A: Conservation values incompatible with harvest at this time	0	Unspecified	Unspecified	Unspecified	Unspecified
Comments: ERA							
19	Unavailable	3A: Conservation values incompatible with harvest at this time	0	Unspecified	Unspecified	Unspecified	Unspecified
Comments: ERA							
20	Unavailable	3A: Conservation values incompatible with harvest at this time	0	Unspecified	Unspecified	Unspecified	Unspecified
Comments: ERA							
21	Unavailable	3A: Conservation values incompatible with harvest at this time	0	Unspecified	Unspecified	Unspecified	Unspecified
Comments: ERA							
22	Unavailable	3A: Conservation values incompatible with harvest at this time	0	Unspecified	Unspecified	Unspecified	Unspecified
Comments: ERA							

Report 4 – Site Conditions

Newberry Mgt. Unit
 Matt Payment: Examiner

Compartment: 69
 Year of Entry: 2027

23	Unavailable	3A: Conservation values incompatible with harvest at this time	0	Unspecified	Unspecified	Unspecified	Unspecified
Comments: ERA							
24	Unavailable	3A: Conservation values incompatible with harvest at this time	0	Unspecified	Unspecified	Unspecified	Unspecified
Comments: ERA							
25	Unavailable	3A: Conservation values incompatible with harvest at this time	0	Unspecified	Unspecified	Unspecified	Unspecified
Comments: ERA							
26	Unavailable	3A: Conservation values incompatible with harvest at this time	0	Unspecified	Unspecified	Unspecified	Unspecified
Comments: ERA							

Mgt. Unit

Compartment: #Type!

Year of Entry:

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

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

SCA Name	SCA Category	Detail Type	Recommendation	Acres
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Comments

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																							
1	6122 - Black Spruce	Poletimber Medium	14.4	81	51-80	N/A	Small diameter spruce stand. Some white birch and red maple along the east edge. Pockets of sapling size spruce. Only access is through private to the north. Stand is healthy. Kinross-Dawson complex of soils.																																																							
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2	42220 - Natural Jack Pine	Poletimber Well	4.1	106	51-80	N/A	Small ridge of mature jack pine intermixed with adjacent spruce stand. Nice tall, jack pine. Jack pine is mature. Access could be a problem. Deer Park-Kinross complex																																																							
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3	6229 - Mixed Lowland Shrub	None	23.3			No	Markey and Carbondale mucks																																																							
4	623 - Emergent Wetland	None	33.1			No	Beaver marsh. Poned areas. Old wood duck boxes along the edges.																																																							
5	4319 - Mixed Upland Forest	Poletimber Well	1.3	77	81-110	N/A	Large diameter white pine over lower quality red maple, white birch, spruce and balsam. Similar to stand 10 without the pockets of birch. Access is questionable across various land owners. Very small acreage. Limiting factors. Halfaday sands.																																																							
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7	42340 - Upland Spruce/Fir	Poletimber Medium	6.5	76	51-80	N/A	Narrow ridge of small diameter black spruce, balsam, red maple and white birch with a thick F3 understory.																																																							
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8	6225 - Bog	None	13.8			No	Open bog. Histosols and Aquents																																																								
9	6229 - Mixed Lowland Shrub	None	2.1			No	Open bog. Histosols and Aquents																																																								
10	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	48.1	77	111-140	N/A	Mixed stand of maple, white birch, spruce, balsam, white pine, red pine, some red oak and some hemlock. Primarily red maple, medium to low quality. Pockets of high BA of white birch with many dead tops. Mortality in the white birch throughout the stand. Access could be possible via snowmobile trail off of M-123 across private land.																																																								
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11	6225 - Bog	None	7.5			No	Open bog. Histosols and Aquents																																																								
12	6229 - Mixed Lowland Shrub	None	28.2			No	Open lowland shrubs with some sparse trees scattered throughout. Markey and Carbondale mucks																																																								
13	623 - Emergent Wetland	None	26.3			No	Open marsh with areas of tag alder. Lots of water																																																								
14	6224 - Treed Bog	None	71.9			No	Patterned Fen association/adjacency. MNFI comments are included in the compartment file and some notes included with stand 20. Small spruce and cedar throughout. Trees are stunted and a good percentage of mortality. More cedar in northern portion and more spruce in the southern portion. Markey and Carbondale muck soils.																																																								
15	6120 - Lowland Cedar	Poletimber Poor	75.1	96	1-50	N/A	SCA - Patterned Fen association/adjacency. MNFI comments are included in the compartment file and some notes are included with stand 20. Many areas with dead cedar or dead tops. Some areas are mainly a C3. Fingers of cedar out within the treed bog. Markey and Carbondale muck soils.																																																								
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16	6120 - Lowland Cedar	Poletimber Medium	16.3	88	1-50	N/A	Lower areas are more of a C3. Very slight ridges of thicker cedar. Lots of cedar with dead tops. Scattered black spruce. Snowmobile trail runs north-south through stand. Markey and Carbondale muck soils.																																																								
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17	6224 - Treed Bog	None	80.0			No	Patterned Fen association/adjacency. MNFI comments are included in the compartment file and some notes are included with stand 20. Small spruce and cedar throughout. More cedar in northern portion and more spruce in the southern portion. Markey and Carbondale muck soils.																																																								

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																						
18	6225 - Bog	None	4.2			No	Stand is adjacent to Patterned Fen, possible buffer or inclusion in the complex. Markey-Kinross-Au Gres soil complex.																																						
19	6120 - Lowland Cedar	Poletimber Poor	19.0	96	1-50	N/A	Many areas with dead cedar or dead tops. Some areas are mainly a C3. Fingers of cedar out within the treed bog. Markey and Carbondale muck soils.																																						
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20	6225 - Bog	None	586.5			No	ERA - Patterned Fen complex. Large open wetland complex. Series of small water holes and areas of "drier" ground situated in a NE-SW pattern. Field survey with MNFI (Josh Cohen) determined the area to be a Patterned Fen since last inventory. Discussion with MNFI (Josh Cohen) determined that the patterning from the documented patterned fen south of Section 3 extends into sections 3,4, 33 and 34. The survey that documented the patterned fen to the south was limited to the Tahquamenon Falls State Park boundary. Markey and Carbondale muck soils.																																						
21	6225 - Bog	None	2.8			No	SCA - stand is adjacent to Patterned Fen area, possible buffer/inclusion to the complex. Markey-Kinross-Au Gres soil complex.																																						
22	6129 - Mixed Coniferous Lowland Forest	Poletimber Medium	111.2	92	51-80	N/A	SCA = Patterned fen association/adjacency. MNFI comments are included in the compartment file and some notes are included with stand 20. Markey and Carbondale muck soils. BA and quality are better in western portions of the stand.																																						
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23	42210 - Natural Red Pine	Sawtimber Well	12.2	121	81-110	N/A	Natural red pine stand along ridges. Primarily red pine with jack pine and white pine throughout. Understory is fairly open. No access. Blocked off by gated/fenced private sanctuary. Deer park-Kinross soil complex.																																						
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24	6229 - Mixed Lowland Shrub	None	1.4			No	Parcel up for disposal. Small acreage low wet ground.																																						
28	42290 - Natural Mixed Pine	Sawtimber Well	58.4	161	111-140	N/A	Ridges of natural white pine and red pine with a mix of white birch, spruce, maple and some red oak. Cedar along the edges of the lower ground. Mostly a red pine stand. Pockets of white birch and red maple. Rolling ridges.																																						
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29	623 - Emergent Wetland	None	15.2			No	Marsh/bog surrounding the small lakes. Dawson and Loxley peats.																																																							
30	500 - Water	None	1.5			No	small marsh/bog lakes																																																							
31	500 - Water	None	2.6			No	small marsh/bog lakes																																																							
32	6122 - Black Spruce	Poletimber Well	16.0	96	81-110	N/A	Nice quality spruce stand. Cedar, red maple and tamarack. Some white pine. Scattered white birch on edges. Access is a problem. Kinross-Wainola soil complex.																																																							
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34	623 - Emergent Wetland	None	1.5			No	Marsh/bog surrounding the small lakes. Dawson and Loxley peats.																																																							
35	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	16.9	88	81-110	N/A	White birch, red maple, large diameter white pine, some spruce and balsam. Scattered hemlock mainly in lower areas. Some mortality in white birch. Access through private. Deer park-Kinross soil complex.																																																							
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36	6129 - Mixed Coniferous Lowland Forest	Poletimber Well	329.0	92	51-80	N/A	Patterned fen association/adjacency. MNFI notes are included in the compartment comments and some notes are included with stand 20. Large acreage, wet mixed conifer stand. Cedar, spruce and tamarack. Pockets of solid cedar (C6) within the stand. Lots of blowdown in areas. Markey and Carbondale muck soils.																																																							
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37	4137 - Aspen, Birch	Sawtimber Well	23.5	90	81-110	N/A	Old, mature aspen stand with mortality in the aspen throughout. Some white birch mortality. Thick understory of balsam. Pockets of solid white birch. Access is questionable through a gated private club.																																																							
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38	6129 - Mixed Coniferous Lowland Forest	Poletimber Medium	118.2	88	51-80	N/A	SCA - stand is adjacent to Patterned Fen, possible buffer/inclusion to the complex. Lower basal area than stand 36 but same species (spruce, cedar and tamarack). Wet, mixed conifer stand. Lots of blowdown in areas.																																
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39	6120 - Lowland Cedar	Poletimber Medium	101.9	101	51-80	N/A	SCA - stand is adjacent to Patterned Fen, possible buffer/inclusion to the complex. Wet ground, poor quality cedar. Scattered pockets of black spruce. Dead tops and mortality throughout stand.																																
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40	6224 - Treed Bog	None	2.5			No	Scattered, small diameter stunted spruce.																																
41	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Medium	43.4	101		N/A	SCA - northern reaches of a documented Patterned Fen complex to the south of the compartment. Also adjacency to documented patterned fen to the west. Treed bog filling in with stunted cedar and tamarack.																																
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42	42320 - Upland Spruce	Poletimber Medium	37.7	80	51-80	N/A	SCA - stand is adjacent to Patterned Fen area, possible buffer. Small, open ridges of mainly spruce and scattered larger white pine. Pockets of higher BA of spruce. Snowmobile trail runs through stand.																																
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43	6229 - Mixed Lowland Shrub	None	3.6			No	SCA - stand is adjacent to Patterned Fen area, possible buffer/inclusion to the complex. Black Creek flows through stand.																																
44	623 - Emergent Wetland	None	8.4			No	SCA - stand is adjacent to Patterned Fen area, possible buffer/inclusion to the complex. Beaver activity.																																
45	6120 - Lowland Cedar	Poletimber Medium	9.5	96	Unspecified	N/A	SCA - stand is adjacent to Patterned Fen area. Low wet ground mainly spruce and cedar.																																
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments			
46	4136 - Aspen, Mixed Conifer	Poletimber Well	4.1	102	81-110	N/A	Small acreage of mature aspen along the edge of a marsh. Red maple, large diameter white pine and scattered white birch, balsam and a few red oak. Access is questionable (Whitefish Township School property).			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
White Pine		10	Log/XLog	16		Balsam Fir		Full	Variable	Variable
Balsam Fir		5	Pole	7		Red Maple		Medium	5 - 10 feet	5 - 10 feet
White Spruce		3	Log/Pole	10						
Hemlock		3	Log	12						
Red Maple		10	Pole	9						
Paper Birch		4	Pole	8						
Bigtooth Aspen		65	Log/Pole	11	102					
48	6224 - Treed Bog	None	54.4			No		SCA - Patterned Fen association/adjacency. MNFI comments are included in the compartment file and some notes are included with stand 20. Small spruce and cedar throughout. More cedar in northern portion and more spruce in the southern portion.		