



# Compartment Review Presentation

Crystal Falls Forest Management Unit

Compartment 12137

Entry Year: 2027

Acreage: 816

County: Iron

Management Area: Way Dam Complex

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**Stand Examiner:** Tyler Ritchie

**Legal Description:**

T43N,R32W, sec. 19, 21 & 30

**Identified Planning Goals:**

Most of this compartment is undivided interest except for a few parcels. We will manage what is our ownership and try to resolve or co-manage the rest. We will keep the hardwood diverse and moving toward log status and manage for pine where those stands are ready.

**Soil and topography:**

This compartment transitions from poor, dry and barrens pine soil to medium mesic soil. There are some low areas and some has been mined and can be steep and hilly.

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

This compartment is mostly undivided interest parcels with a few others mixed in. There seems to be many owners to the undivided interest which makes it extremely difficult to obtain permissions to proceed with management.

**Unique Natural Features:**

There are numerous drainages and Peanut Pond in this compartment. The snowmobile trail also goes through this compartment.

**Archeological, Historical, and Cultural Features:**

There is a historical site in this compartment. Also, there are some mine areas that have caving ground fences, Peanut Pit, and other sites in this compartment.

**Special Management Designations or Considerations:**

This is a Obligate Deer Wintering Area.

**Watershed and Fisheries Considerations:**

Briar Hill Creek flows through this compartment, eventually draining into the Paint River. Streams, regardless of their size or frequency of flow, are connected to downstream waters and strongly influence their function. Additionally, wetlands and open waters in riparian areas and floodplains are physically, chemically, and biologically integrated with rivers via functions that improve downstream water quality. These systems act as effective buffers to protect downstream waters from pollution and are essential components of river food webs. BMP's should be implemented to control sediment sources from adjacent uplands. Fine sediments such as silt and sand negatively affect natural reproduction of fish, decrease the diversity of aquatic invertebrate and fish taxa, and result in lower overall fish populations.

**Wildlife Habitat Considerations:**

**Mineral Resource and Development Concerns and/or Restrictions**

Compartment 137: Section 27, T46N-R37W, Iron County

Surface sediments consist of an end moraine of coarse-textured till. There is insufficient data to determine the glacial drift thickness. The Precambrian Michigamme Formation subcrops below the glacial drift. There is no current economic use for these rocks. The abandoned Iron River iron mines are located eighteen miles to the southeast. Land near this Compartment has not been previously leased for metallic exploration. Gravel pits are located in the area and there should be some potential. There is no economic oil and gas production in the UP, currently.

Compartment 137: Section 27, T44N-R36W, Iron County

Surface sediments consist of glacial outwash sand and gravel and postglacial alluvium. There is insufficient data to determine the glacial drift thickness. The Precambrian Michigamme Formation subcrops below the glacial drift. There is no current economic use for these rocks. The abandoned Iron River iron mines are located eight miles to the southeast. Land near this Compartment has not been previously leased for metallic exploration. Gravel pits are located in the area and

there maybe some potential. There is no economic oil and gas production in the UP, currently.

Compartment 137: Section 22 & 34, T44N-R35W, Iron County

Surface sediments consist of coarse-textured till. There is insufficient data to determine the glacial drift thickness. The Precambrian Badwater Greenstone and Michigamme Formation subcrops below the glacial drift. There is no current economic use for these rocks. The abandoned Iron River iron mines are located three miles to the south. Land near this Compartment was previously leased for metallic exploration. Gravel pits are located in the area and there should be potential. There is no economic oil and gas production in the UP, currently.

Compartment 137: Section 19 & 30, T43N-R32W, & Section 36, T43N- R33W, Iron County

Surface sediments consist of glacial outwash sand and gravel and postglacial alluvium and coarse-textured till. The glacial drift thickness varies between 100 and 200 feet. The Precambrian Paint River Group and Riverton Iron Formation subcrop below the glacial drift. The Riverton was previously mined for iron in the Crystal Falls area. Gravel pits are located in the area and there should be some potential. There is no economic oil and gas production in the UP, currently.

**Vehicle Access:**

The vehicle access to most of these parcels is very good.

**Survey Needs:**

There are a lack of corners in this compartment and some will be needed to harvest what is prescribed.

**Recreational Facilities and Opportunities:**

Snowmobile trail UP16 runs through the compartment.

**Fire Protection:**

This area is has pine dominated forest types which are fire prone. The access to the area is very good for fire protection.

**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: 12137  
T43N,R32W, sec. 17, 19, 21 & 30  
County: Iron  
Unit: Crystal Falls  
Mgmt. Area: Way Dam Complex  
YOE: 2027  
Acres: 816 GIS Calculated  
Examiner: Tyler Ritchie  
Date Exported: 09/15/2025  
Map Phase: Post Review



- Survey Grade Corners
- House
- Toilet
- Berms
- Gate
- Boating Access Site
- Bridges
- Campground

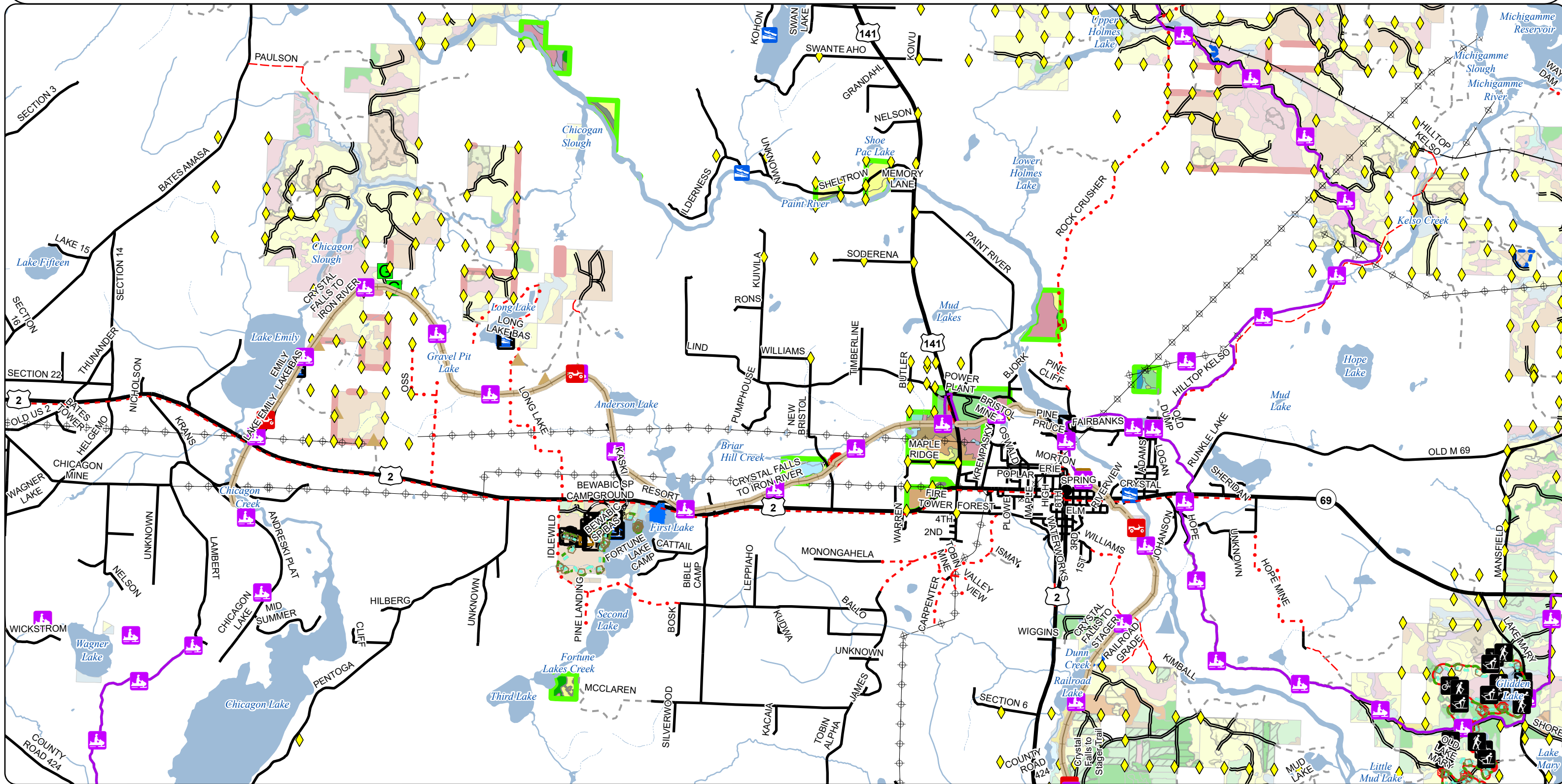
- City
- Parking Lot
- Sign
- Trailhead
- Designated Bicycle Trails
- Designated Ski Trails
- Designated Hiking Pathways
- Designated ORV Routes
- Designated Snowmobile Trails

- RailTrail
- DNR - Primary Forest Road
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State Highway
- Federal / State / County - Paved Road
- Federal / State - Dirt / Gravel Road
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Private - Paved Road

- Private - Dirt / Gravel Road
- Active Railroads
- Intermittent Stream
- Perennial River
- Pipeline
- Powerline
- Lakes and Rivers
- Counties
- Compartment Boundary
- Monitoring - Regeneration

- Treatments with Site Conditions
- 411 - Northern Hardwood
- 413 - Aspen
- 421 - Planted Pines
- 422 - Natural Pines
- 423 - Other Upland Conifers
- 429 - Mixed Upland Conifers
- 430 - Upland Mixed Forest
- 500 - Water
- 611 - Lowland Deciduous Forest

- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 110 - Low Intensity Urban
- 122 - Road/Parking Lot
- 320 - Upland Shrub
- 330 - Low Density Trees
- 622 - Lowland Shrub
- 629 - Mixed non-forested Wetland



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0 0.5 1 Miles



Survey Grade Corners



Boating Access Site

— DNR - Secondary Forest Road

= = = DNR - Forest Access Route

— Federal / State / County - Paved Road

- - - Private - Dirt / Gravel Road

- - - Intermittent Stream

— Perennial River

— Lakes and Rivers

- - - Counties

— Compartment Boundary

— 413 - Aspen

— 422 - Natural Pines

423 - Other Upland Conifers

430 - Upland Mixed Forest

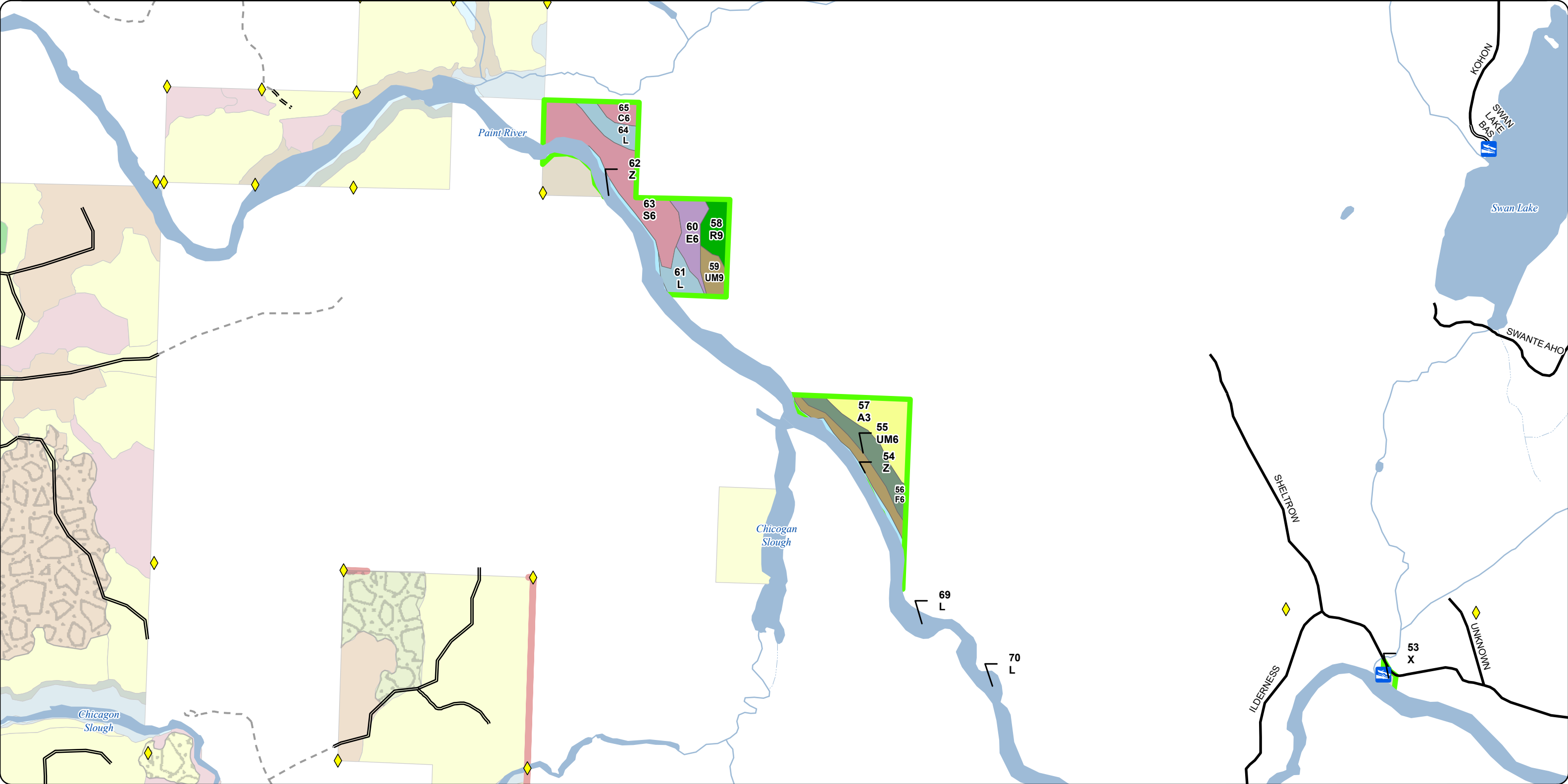
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611 - Lowland Deciduous Forest

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110 - Low Intensity Urban

622 - Lowland Shrub



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- Survey Grade Corners

Boating Access Site

DNR - Secondary Forest Road

Federal / State Highway

Federal / State / County - Paved Road

County - Gravel Road

Private - Dirt / Gravel Road
- Intermittent Stream

Perennial River

Lakes and Rivers

Counties

Compartment Boundary

413 - Aspen

422 - Natural Pines

423 - Other Upland Conifers
- 500 - Water

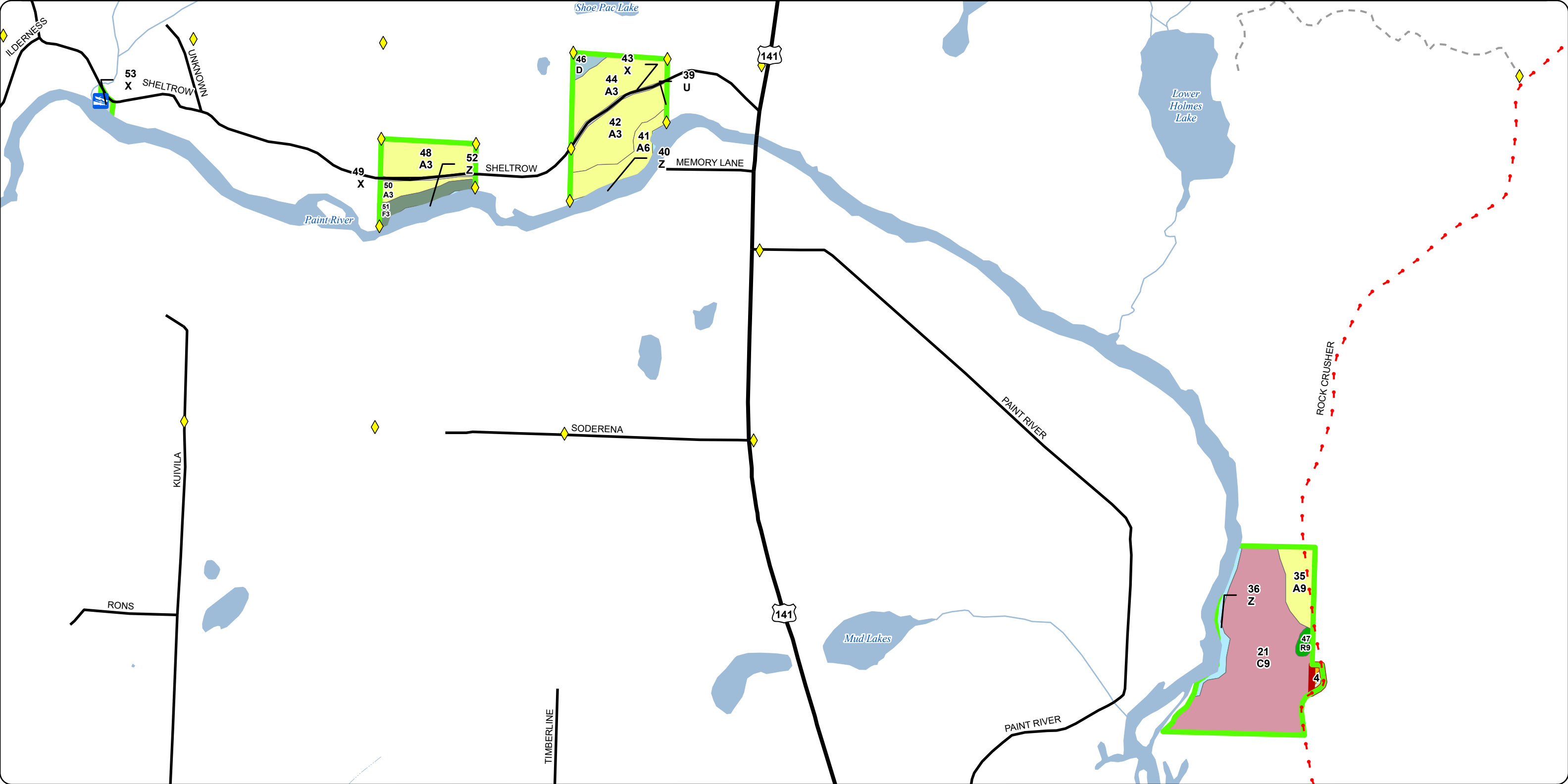
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622 - Lowland Shrub

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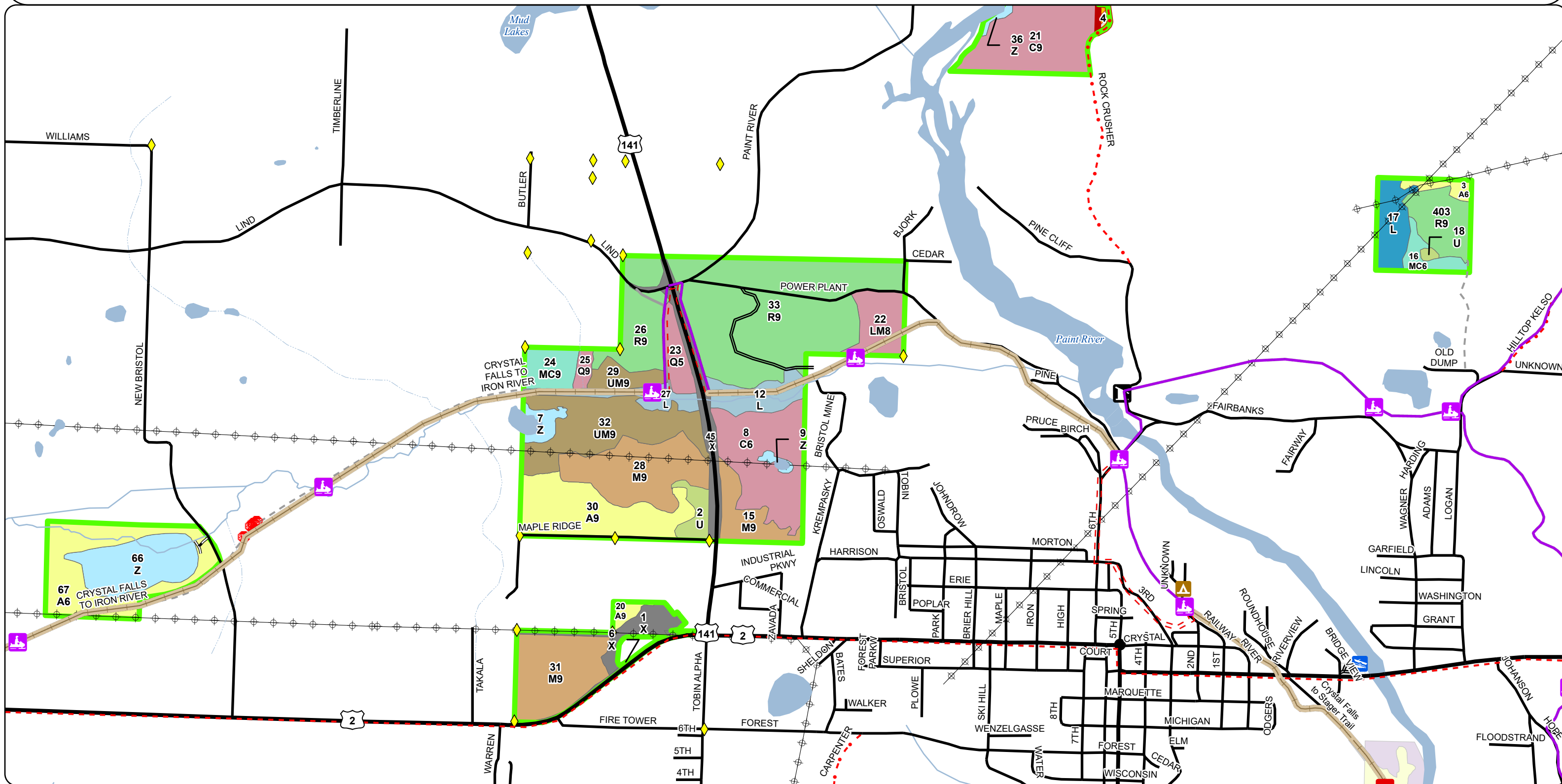
0 0.5 1 Miles

- Survey Grade Corners
- Toilet
- Boating Access Site
- Bridges
- Campground
- City
- Sign
- Designated Bicycle Trails
- Designated ORV Routes

- Designated Snowmobile Trails
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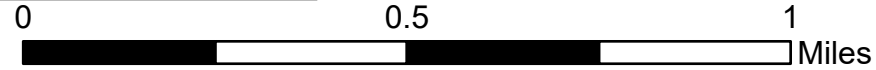
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- Federal / State / County - Paved Road

County - Gravel Road

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Intermittent Stream

Perennial River

Lakes and Rivers

Counties

Compartment Boundary

Monitoring - Regeneration

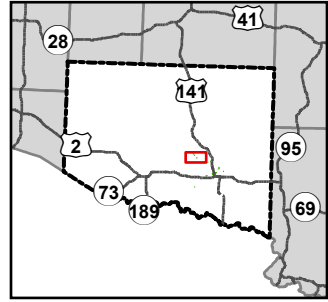
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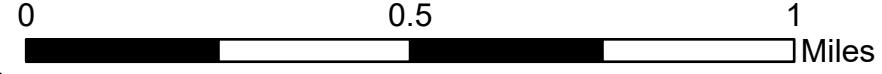
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**Stand Boundary Map**

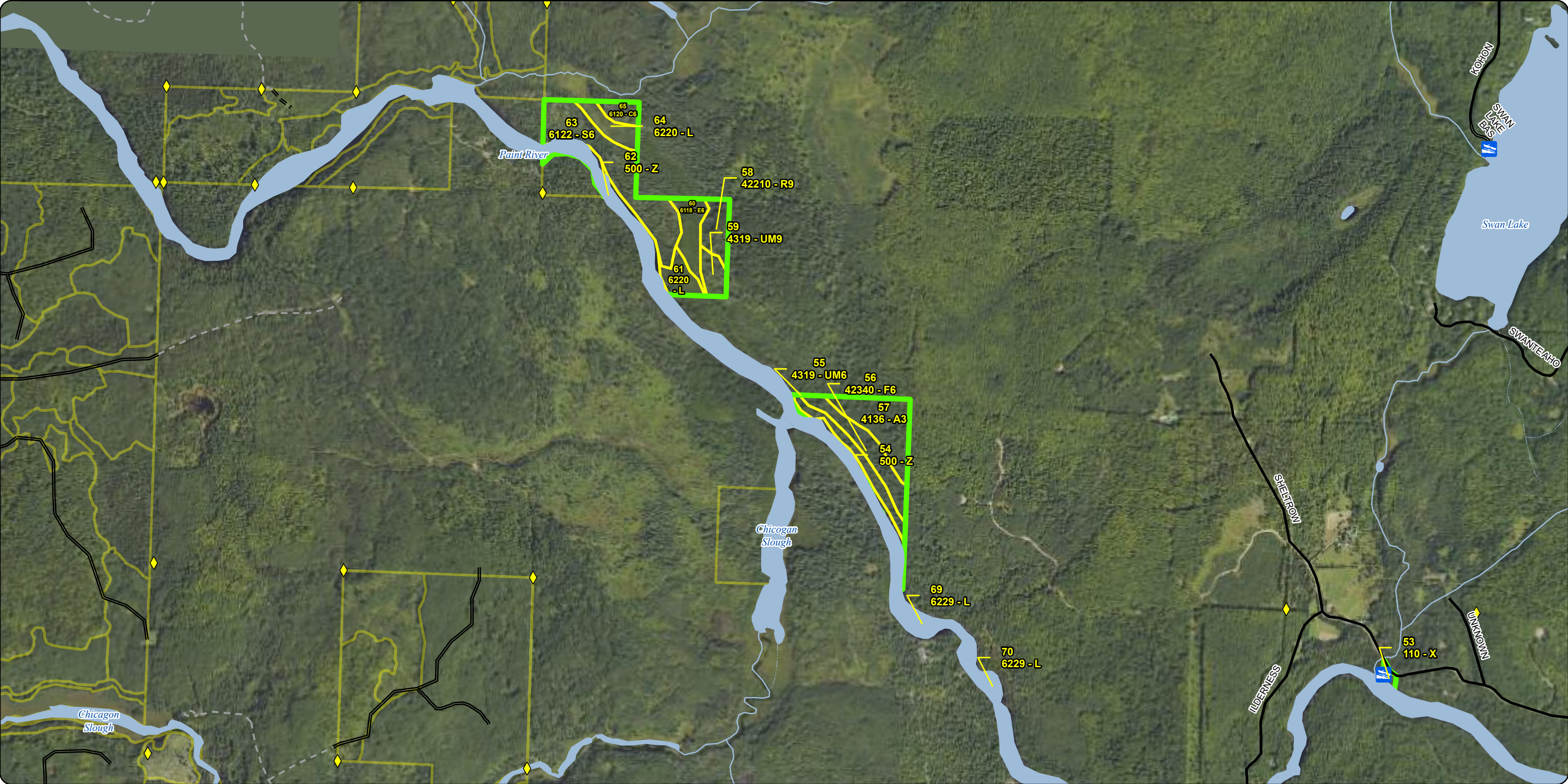


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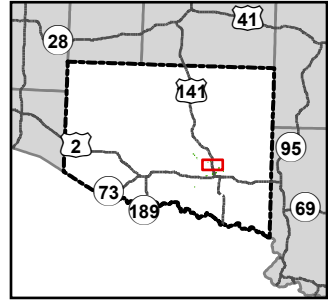


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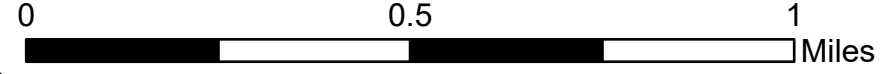
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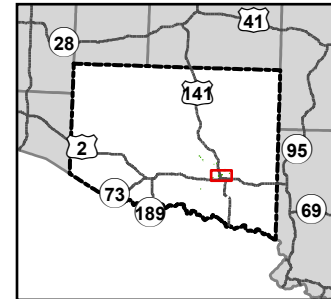


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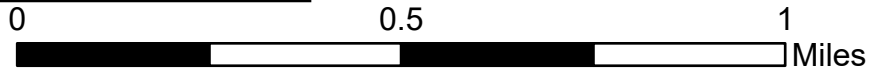
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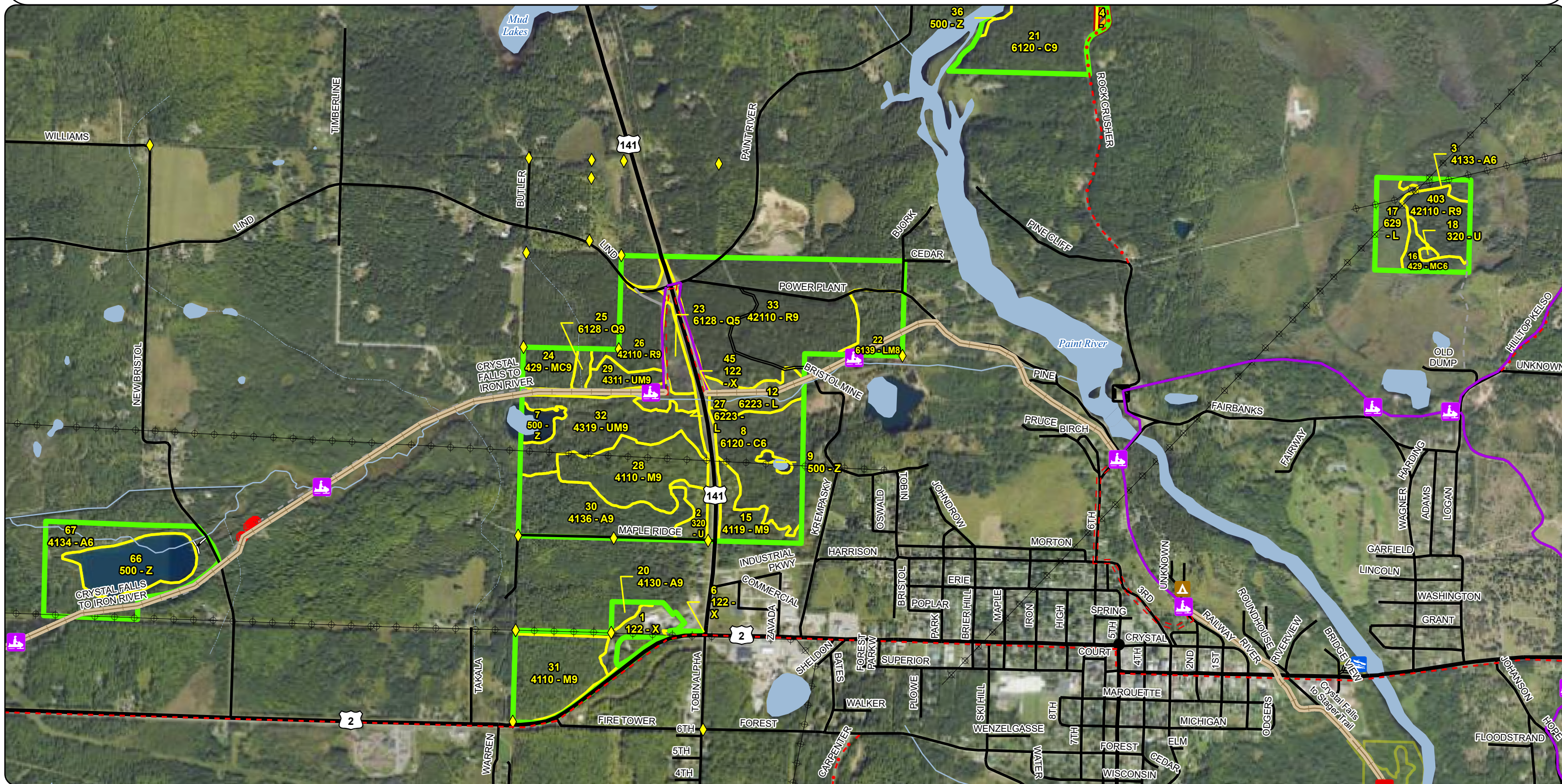


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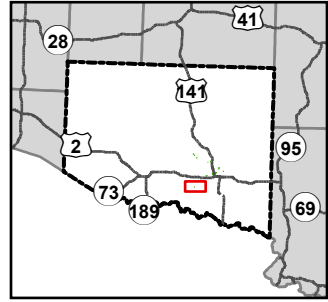
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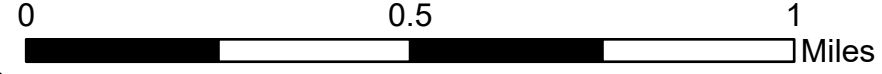
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Map

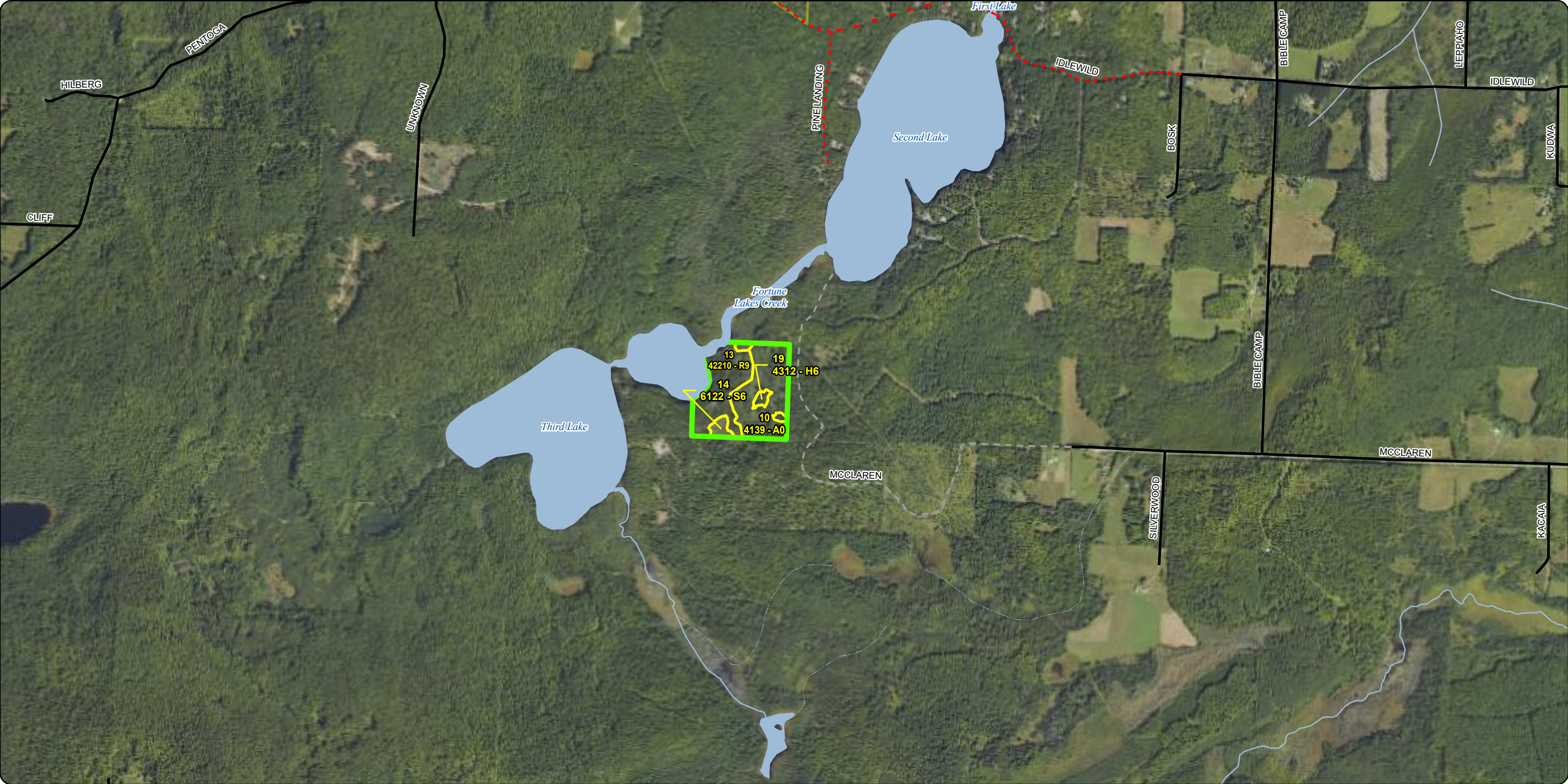


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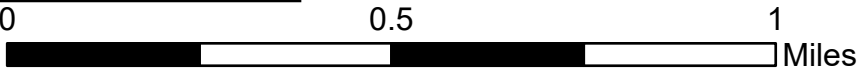
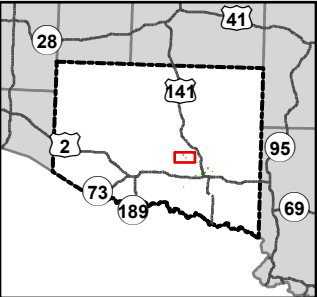
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Special Conservation Areas  
& Site Conditions Map

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Survey Grade Corners



Boating Access Site



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DNR - Forest Access Route



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Intermittent Stream



Perennial River



Lakes and Rivers



Counties



Compartment Boundary



Stand Boundaries



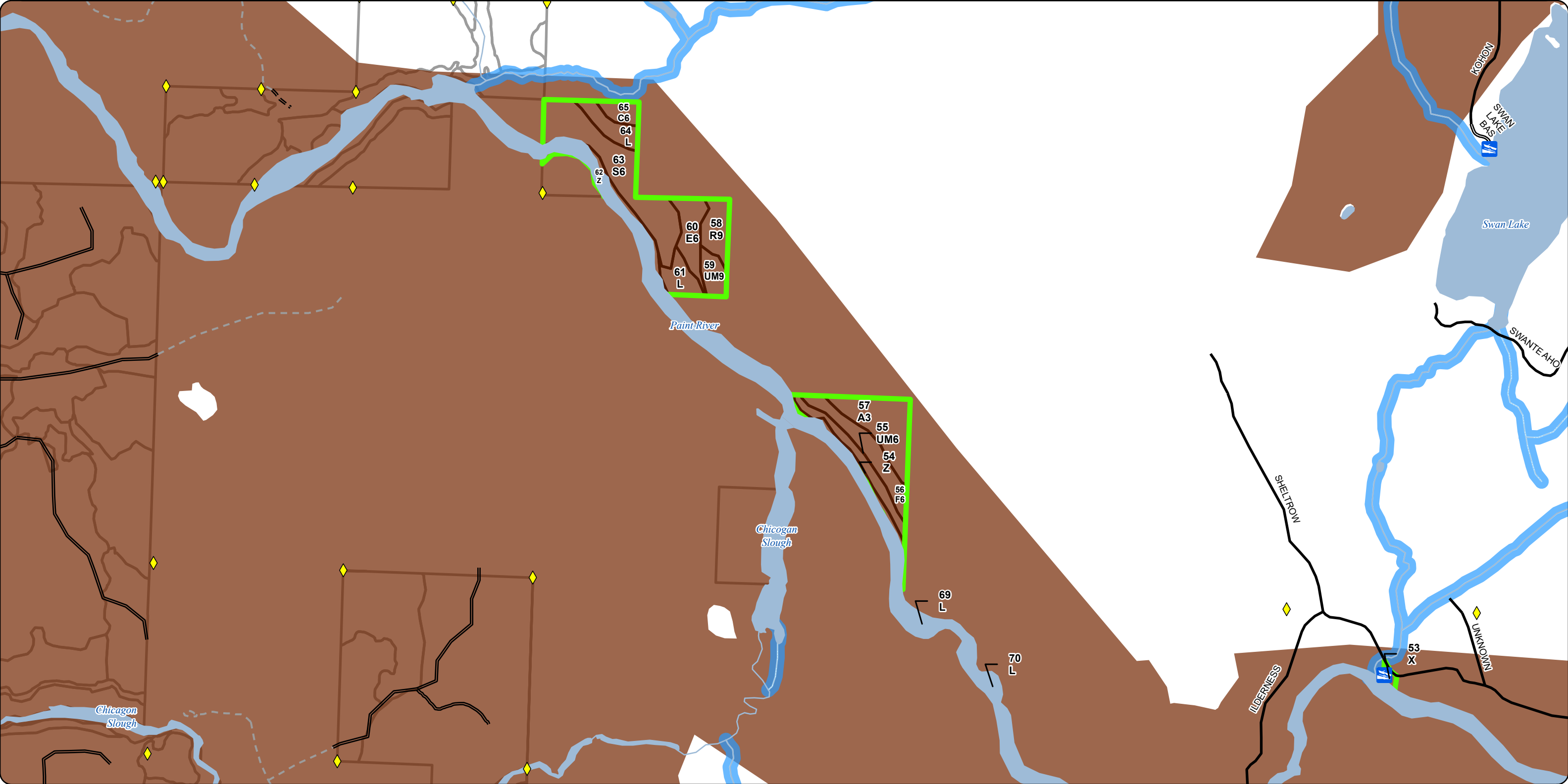
Cold Water Streams



High Priority Trout Stream Buffer

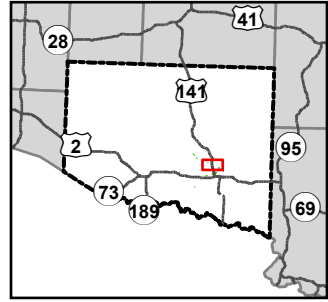


Deer Winter Range



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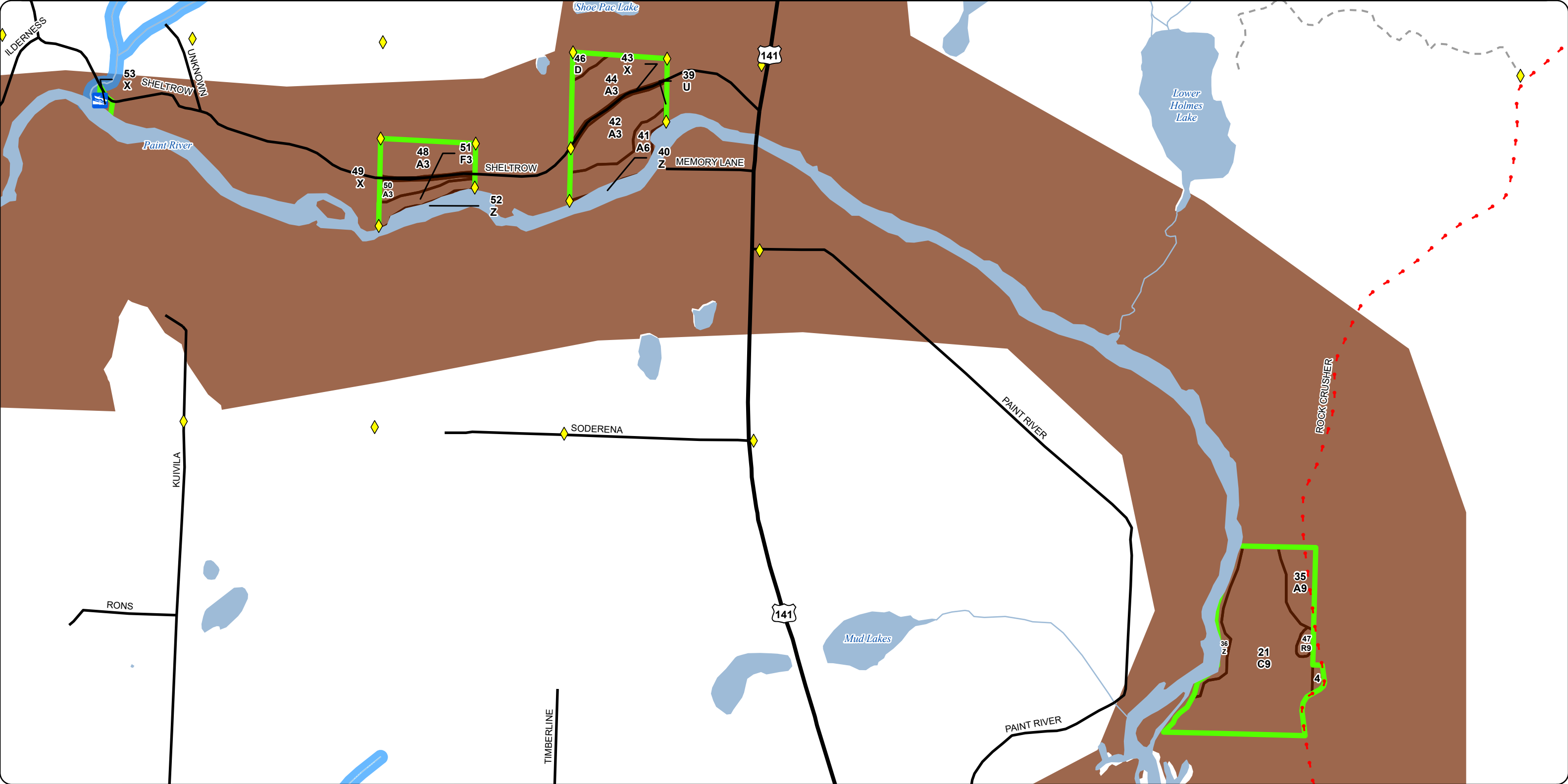
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Stand Boundaries

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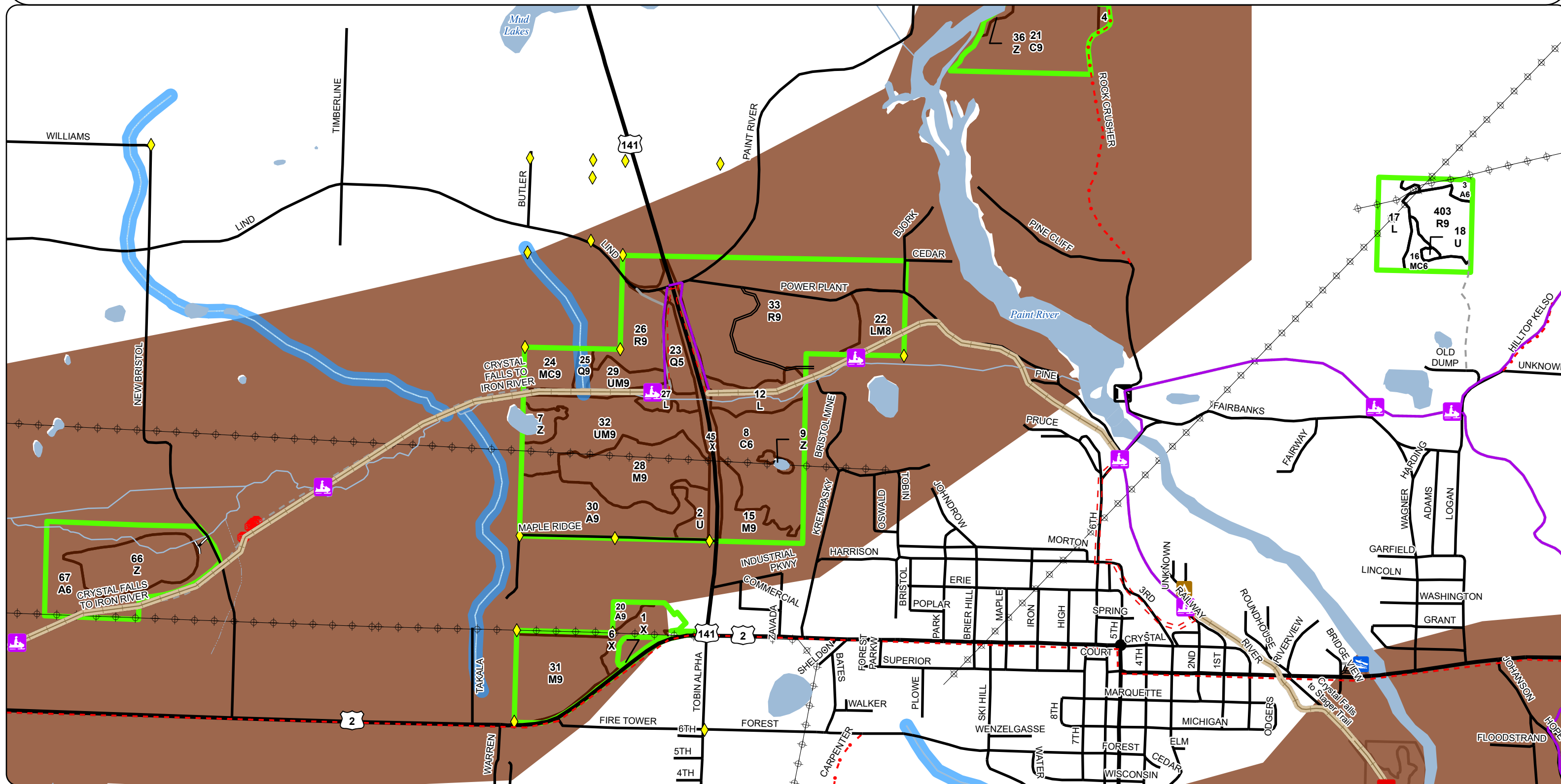


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-  Toilet
-  Boating Access Site
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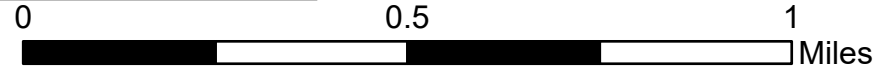
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- Perennial River
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Cold Water Streams

High Priority Trout Stream Buffer

Deer Winter Range

The main map displays a large brown-shaded area representing the Deer Winter Range. Within this range, there are three large blue-shaded lakes labeled 'First Lake', 'Second Lake', and 'Third Lake'. A network of blue lines represents water bodies, including 'Fortune Lakes Creek' and several streams. A red dashed line outlines a specific area within the range, labeled 'PINELANDING'. A green dashed line outlines another area, labeled 'MCCLAREN'. A small green rectangle highlights a specific compartment, labeled '13 R9', '14 S6', and '19 H6'. The map is divided into sections by black lines, with labels for 'HILBERG', 'PENTOGA', 'CLIFF', 'UNKNOWN', 'BOSK', 'BIBLE CAMP', 'MCCLAREN', 'SILVERWOOD', 'KACAIA', 'KUDWA', 'IDLEWILD', and 'LEPPIAHO'. A scale bar at the bottom left indicates distances of 0, 0.5, and 1 mile.

# 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	18	0	32	37	0	0	11	82	0	4	0	0	0	0	0	0	0	0	184
Cedar	0	0	0	0	0	0	0	0	0	36	0	0	70	0	0	0	0	0	106
Hemlock	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
Low-Density Trees	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lowland Conifers	0	0	0	0	0	0	0	0	8	0	3	0	0	0	0	0	0	0	11
Lowland Deciduous	0	0	0	0	0	0	0	8	0	0	0	0	0	0	0	0	0	0	8
Lowland Mixed Forest	0	0	0	0	0	0	0	0	14	0	0	0	0	0	0	0	0	0	14
Lowland Shrub	45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	45
Lowland Spruce/Fir	0	0	0	0	0	0	0	0	0	2	26	0	0	0	0	0	0	0	28
Northern Hardwood	0	0	0	0	0	0	0	0	0	33	13	0	0	0	0	0	0	29	75
Red Pine	0	0	0	0	0	0	0	0	132	16	0	0	8	0	0	0	0	0	156
Treed Bog	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Upland Conifers	0	0	0	0	0	0	0	0	16	0	0	0	0	0	0	0	0	0	16
Upland Mixed Forest	0	0	0	0	0	0	0	0	43	0	12	0	0	0	0	0	0	0	55
Upland Shrub	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
Upland Spruce/Fir	0	0	0	0	6	0	0	0	0	0	10	0	0	0	0	0	0	0	16
Urban	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34
Water	60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	60
<b>Total</b>	<b>168</b>	<b>0</b>	<b>32</b>	<b>37</b>	<b>6</b>	<b>0</b>	<b>11</b>	<b>91</b>	<b>213</b>	<b>91</b>	<b>64</b>	<b>0</b>	<b>78</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>29</b>	<b>818</b>



Report 2 – Treatment Summary

Crystal Falls Mgt. Unit  
Year of Entry: 2027

Acres of Harvest

Compartment 137  
Total Compartment Acres: 816

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

Proposed and Next Step Treatments by Method

		Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current		0	0	0	0	0	0	18	0	0	18
	Total	0	0	0	0	0	0	18	0	0	18



S t a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
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**Approved Treatments:**

10	12137010-Monitor	17.8	4139 - Aspen, Mixed Deciduous	0	1		Monitoring	Monitoring - Regeneration	4221 - Natural Red Pine	Planting Record	No
<u>Prescription</u> <u>Specs:</u>  <u>Next Step</u> <u>Treatments:</u>  <u>Acceptable</u> Mix of pine, fir and aspen. <u>Regen:</u>  <u>Other</u> Percent to Treat = 100% <u>Comment:</u>  <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/11/2019											

Total Treatment  
Acreage Proposed: 17.8



Availability for Management

Total Acres	Acres Available	Acres Available <i>With Condition</i>	Acres Not Available		Dominant Site Conditions			
					2A	2H	3E	3J
1	1	0	0					
183	134	0	49	Aspen	4		34	11
106	70	0	36	Cedar			36	
1	1	0	0	Hemlock				
0	1	0	0	Low-Density Trees				
10	0	0	10	Lowland Conifers			10	
8	8	0	0	Lowland Deciduous				
14	0	0	14	Lowland Mixed Forest			14	
45	45	0	0	Lowland Shrub				
28	2	0	26	Lowland Spruce/Fir				26
74	0	0	75	Northern Hardwood		29	45	
149	2	0	147	Red Pine	38		110	
2	3	0	0	Treed Bog				
16	0	0	16	Upland Conifers	6		10	
54	4	0	49	Upland Mixed Forest			42	7
7	1	0	6	Upland Shrub			6	
16	0	0	16	Upland Spruce/Fir				16
34	34	0	0	Urban				
60	60	0	0	Water				
809	365		444	Total Forested Acres	48	29	307	60
	45%		55%	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		2A: Adjacent landowner denied access	15	Unspecified	Unspecified	Unspecified	Unspecified
Comments:								

## Report 4 – Site Conditions



3	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	11	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
4	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
5	Unavailable	2A: Adjacent landowner denied access	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
6	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	7	5F: Evaluated for Forest Health Considerations	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	Unspecified	Unspecified
Comments:							
7	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	10	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
8	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	26	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

## Report 4 – Site Conditions



9	Unavailable	2A: Adjacent landowner denied access	16	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
10	Unavailable	2A: Adjacent landowner denied access	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
12	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	29	Unspecified	Unspecified	Unspecified	Unspecified
Comments: multiple logging issues: no room for decking and hauling due to DNR parking lot, low overhead powerlines, and sewer line. Any spur to US2 is dangerously on a curve. Interpretive trail is throughout the stand							
13	Unavailable	2A: Adjacent landowner denied access	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
14	Unavailable	3E: Easement/lease, non-military (e.g. Consumers Power red pine, etc.)	23	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
15	Unavailable	3E: Easement/lease, non-military (e.g. Consumers Power red pine, etc.)	87	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							



16	Unavailable	3E: Easement/lease, non-military (e.g. Consumers Power red pine, etc.)	18	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
17	Unavailable	3E: Easement/lease, non-military (e.g. Consumers Power red pine, etc.)	10	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
18	Unavailable	3E: Easement/lease, non-military (e.g. Consumers Power red pine, etc.)	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
19	Unavailable	3E: Easement/lease, non-military (e.g. Consumers Power red pine, etc.)	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
20	Unavailable	3E: Easement/lease, non-military (e.g. Consumers Power red pine, etc.)	20	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							



21	Unavailable	3E: Easement/lease, non-military (e.g. Consumers Power red pine, etc.)	57	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
22	Unavailable	3E: Easement/lease, non-military (e.g. Consumers Power red pine, etc.)	25	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
23	Unavailable	3E: Easement/lease, non-military (e.g. Consumers Power red pine, etc.)	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
24	Unavailable	3E: Easement/lease, non-military (e.g. Consumers Power red pine, etc.)	13	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
25	Unavailable	3E: Easement/lease, non-military (e.g. Consumers Power red pine, etc.)	36	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Crystal Falls Mgt. Unit  
Tyler Ritchie: Examiner

## Report 4 – Site Conditions

Compartment: 137  
Year of Entry: 2027



26	Unavailable	3E: Easement/lease, non-military (e.g. Consumers Power red pine, etc.)	8	Unspecified	Unspecified	Unspecified	Unspecified
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Comments:

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
Comments				





Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																																																										
9	500 - Water	None	1.5			No																																																																																											
10	4139 - Aspen, Mixed Deciduous	Unspecifed	17.8	1			No legal access.																																																																																										
12	6223 - Inundated Shrub Swamp	None	12.4			No	Brier Hill Creek and surrounding wetland																																																																																										
		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Tamarack</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Northern White Cedar</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr></table>						Sub-Canopy Species	Density	Avg. Height	Size	Tamarack	Low	5 - 10 feet	5 - 10 feet	Northern White Cedar	Low	5 - 10 feet	5 - 10 feet																																																																														
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Tamarack	Low	5 - 10 feet	5 - 10 feet																																																																																														
Northern White Cedar	Low	5 - 10 feet	5 - 10 feet																																																																																														
13	42210 - Natural Red Pine	Sawtimber Well	15.6	86	111-140	N/A	No legal access.																																																																																										
		<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Red Pine</td><td>100</td><td></td><td>10</td><td>86</td><td>Balsam Fir</td><td>High</td><td>Variable</td><td>Variable</td></tr></table>						Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	Red Pine	100		10	86	Balsam Fir	High	Variable	Variable																																																																								
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Red Pine	100		10	86	Balsam Fir	High	Variable	Variable																																																																																									
14	6122 - Black Spruce	Poletimber Well	2.1	86	51-80	N/A	No legal access																																																																																										
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Black Spruce	100	Sapling	6	86	Black Spruce	Medium	Variable	Variable																																																																																									
15	4119 - Mixed Northern Hardwoods	Sawtimber Well	12.7	95	51-80	N/A																																																																																											
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16	429 - Mixed Upland Conifers	Poletimber Well	6.1	71	81-110	N/A																																																																																											
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Sugar Maple	5		8																																																																																														
Paper Birch	5	Seedling	8																																																																																														
17	629 - Mixed non-forested Wetland	None	12.5			No																																																																																											
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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28	4110 - Sugar Maple Association	Sawtimber Well	32.7	85	81-110	N/A	
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black Cherry	1		10		Sugar Maple	Low	5 - 10 feet	5 - 10 feet
American Elm	1		12					
Hemlock	5		14					
Basswood	5		14					
White Ash	15		14					
Sugar Maple	60		10	85				
Paper Birch	2		10					
Green Ash	6		14					
Yellow Birch	5		10					

29	4311 - Pine, Aspen Mix	Sawtimber Well	7.1	75	111-140	N/A	
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Pine	30		10		Balsam Fir	Low	< 5 feet	< 5 feet
Red Maple	15	Seedling	8					
Red Pine	10		10	75				
Northern White Cedar	5	Sapling	6					
Quaking Aspen	40		10	75				

30	4136 - Aspen, Mixed Conifer	Sawtimber Well	34.3	61	81-110	N/A	
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Yellow Birch	5	Seedling	8		Apple (spp.)	Low	10 - 20 feet	10 - 20 feet
Quaking Aspen	40		12	61	Balsam Fir	Low	5 - 10 feet	5 - 10 feet
Balsam Fir	10		10		Sugar Maple	Medium	5 - 10 feet	5 - 10 feet
Sugar Maple	5	Seedling	6		Red Maple	Medium	< 5 feet	< 5 feet
Red Maple	10	Sapling	6		American Fly Honeysuckle	High	5 - 10 feet	5 - 10 feet
Paper Birch	10		10					
White Spruce	5		12					
Northern White Cedar	15		10					

31	4110 - Sugar Maple Association	Sawtimber Well	29.2	111	111-140	N/A	
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Basswood	2		14		Sugar Maple	Medium	10 - 20 feet	10 - 20 feet
Sugar Maple	66		14	111				
Sugar Maple	30	Seedling	8	51				
Black Cherry	2		10					

This stand has much regeneration and the basal area averages 110 but could have a light thinning because of all the large size logs in the stand. There will be some damage of the understory because it is so pronounced in the stand





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