



Compartment Review Presentation

Crystal Falls Forest Management Unit

Compartment 12137

Entry Year: 2027

Acreage: 817

County: Iron

Management Area: Way Dam Complex

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
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Mgmt. Area: Way Dam Complex
YOE: 2027
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Date Exported: 04/28/2025
Map Phase: Web Post



0 0.5 1 2 3 Miles

- Remonumented Section Corners
- Survey Grade Corners
- House
- Toilet
- Berms
- Gate
- Boating Access Site

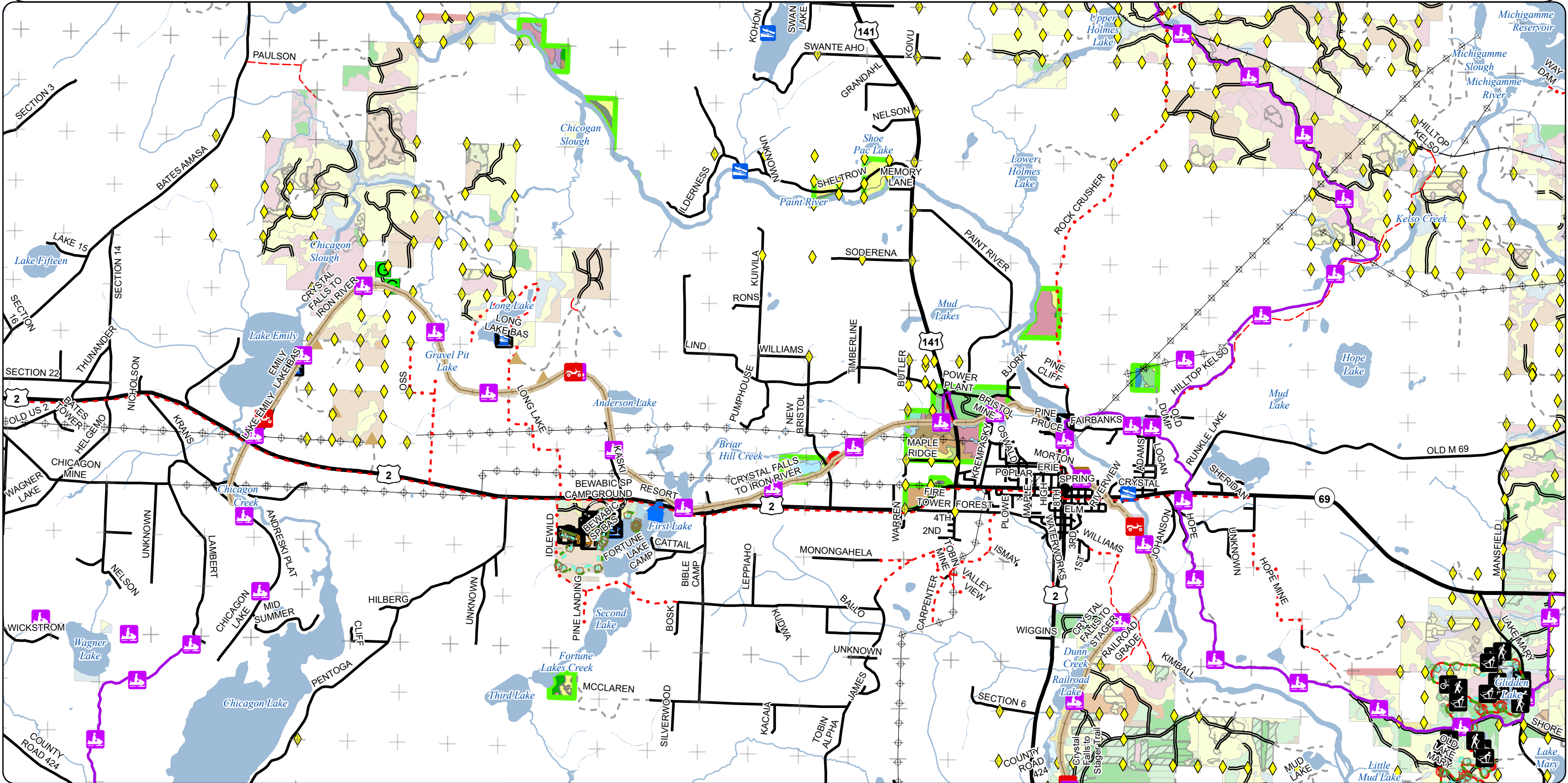
- Bridges
- Campground
- City
- Parking Lot
- Sign
- Trailhead
- Designated Bicycle Trails
- Designated Ski Trails
- Designated Hiking Pathways

- 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
- Lakes and Rivers
- Counties
- Powerline
- Compartment Boundary

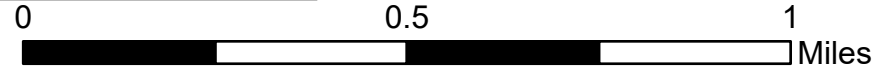
- Monitoring - Regeneration
- 411 - Northern Hardwood
- 413 - Aspen
- 421 - Planted Pines
- 422 - Natural Pines
- 423 - Other Upland Conifers
- 429 - Mixed Upland Conifers
- 430 - Upland Mixed Forest
- 500 - Water
- 611 - Lowland Deciduous Forest

- 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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+ Remonumented Section Corners

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

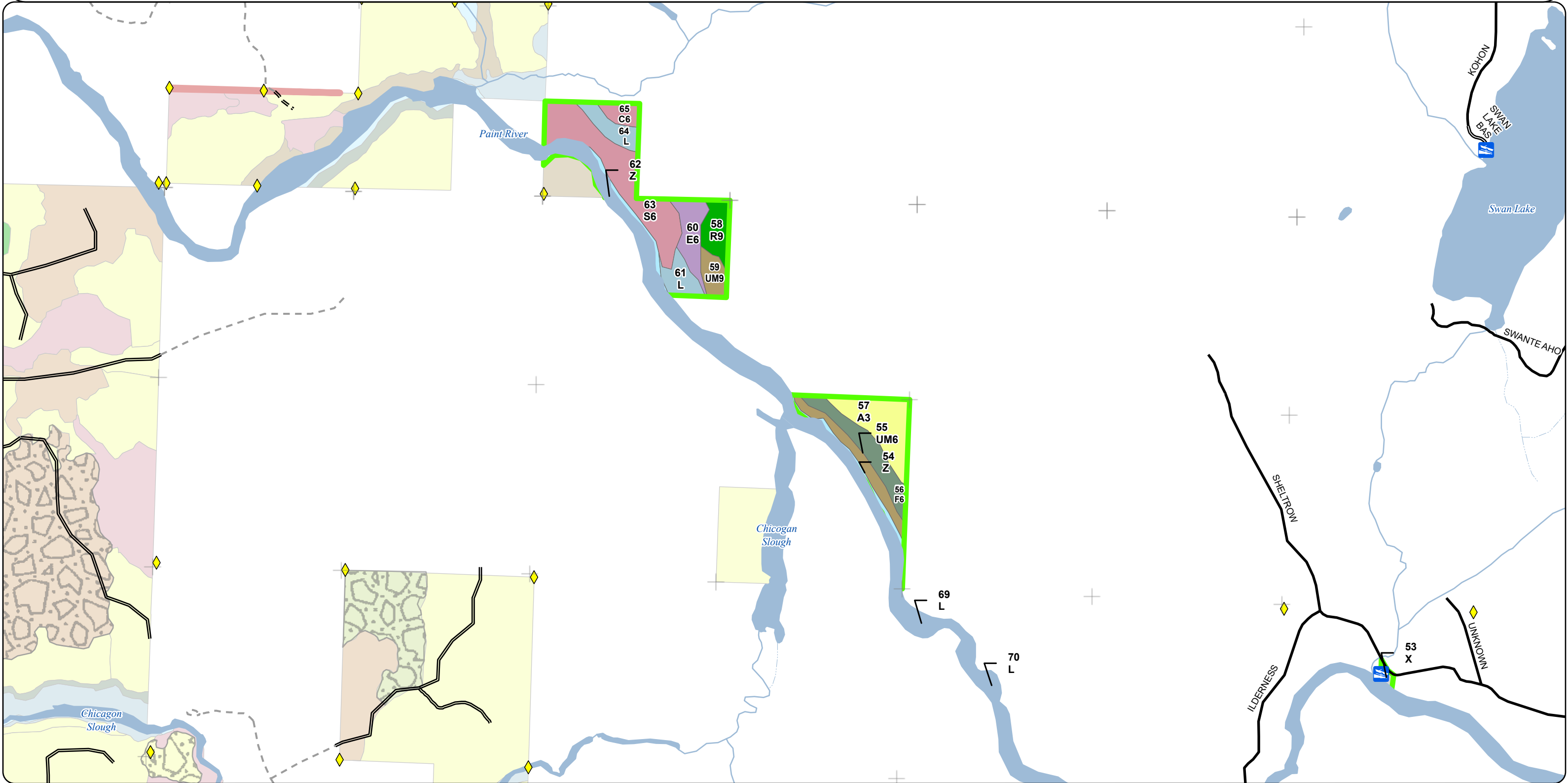
500 - Water

611 - Lowland Deciduous Forest

612 - Lowland Coniferous Forest

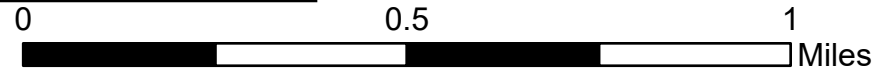
110 - Low Intensity Urban

622 - Lowland Shrub



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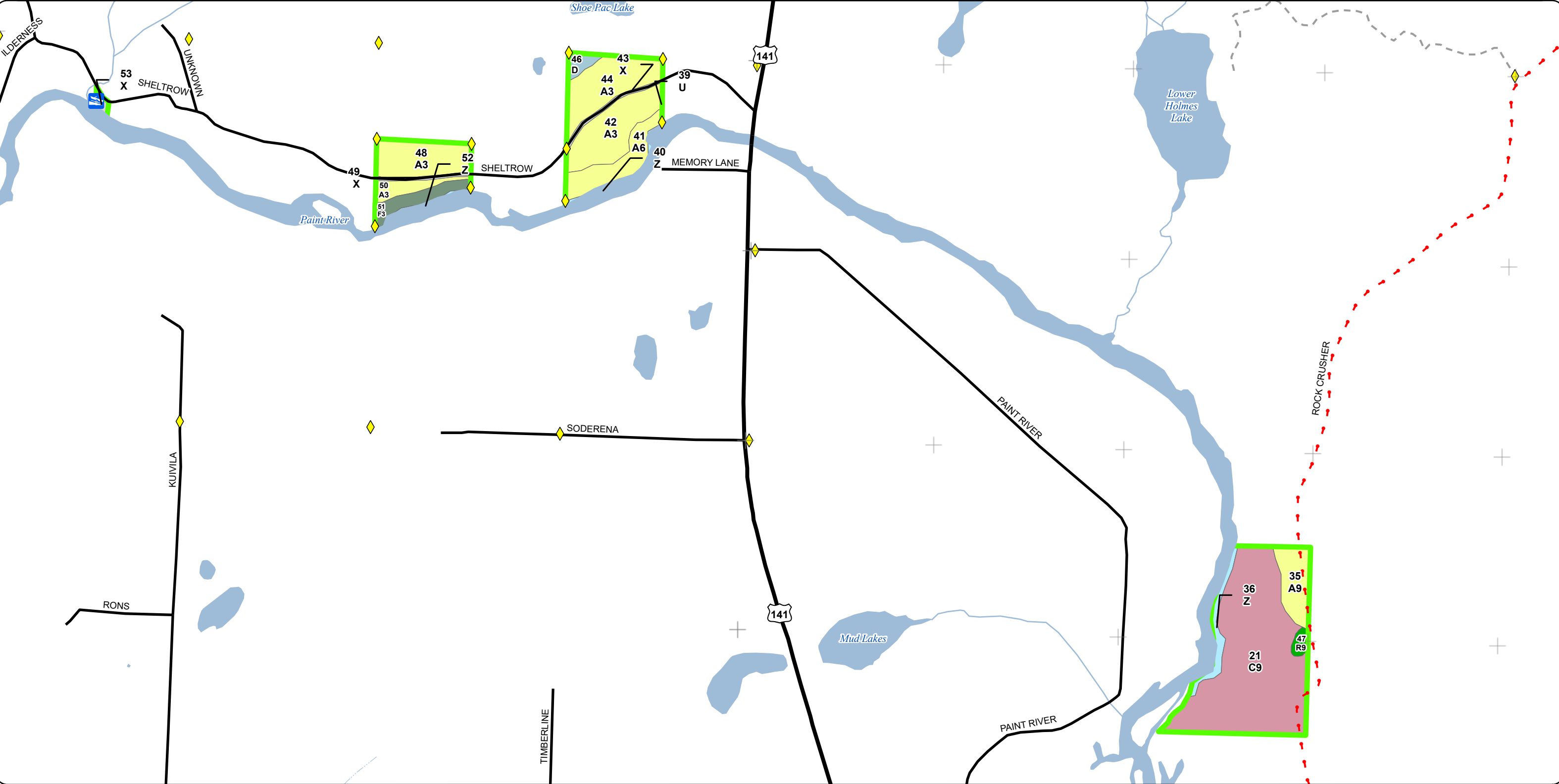
 Remonumented Section Corners
- ◆

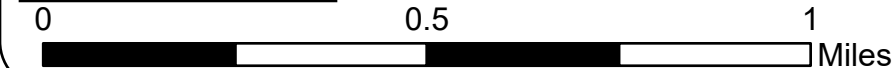
 Survey Grade Corners
- Boating Access Site
- ==










 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
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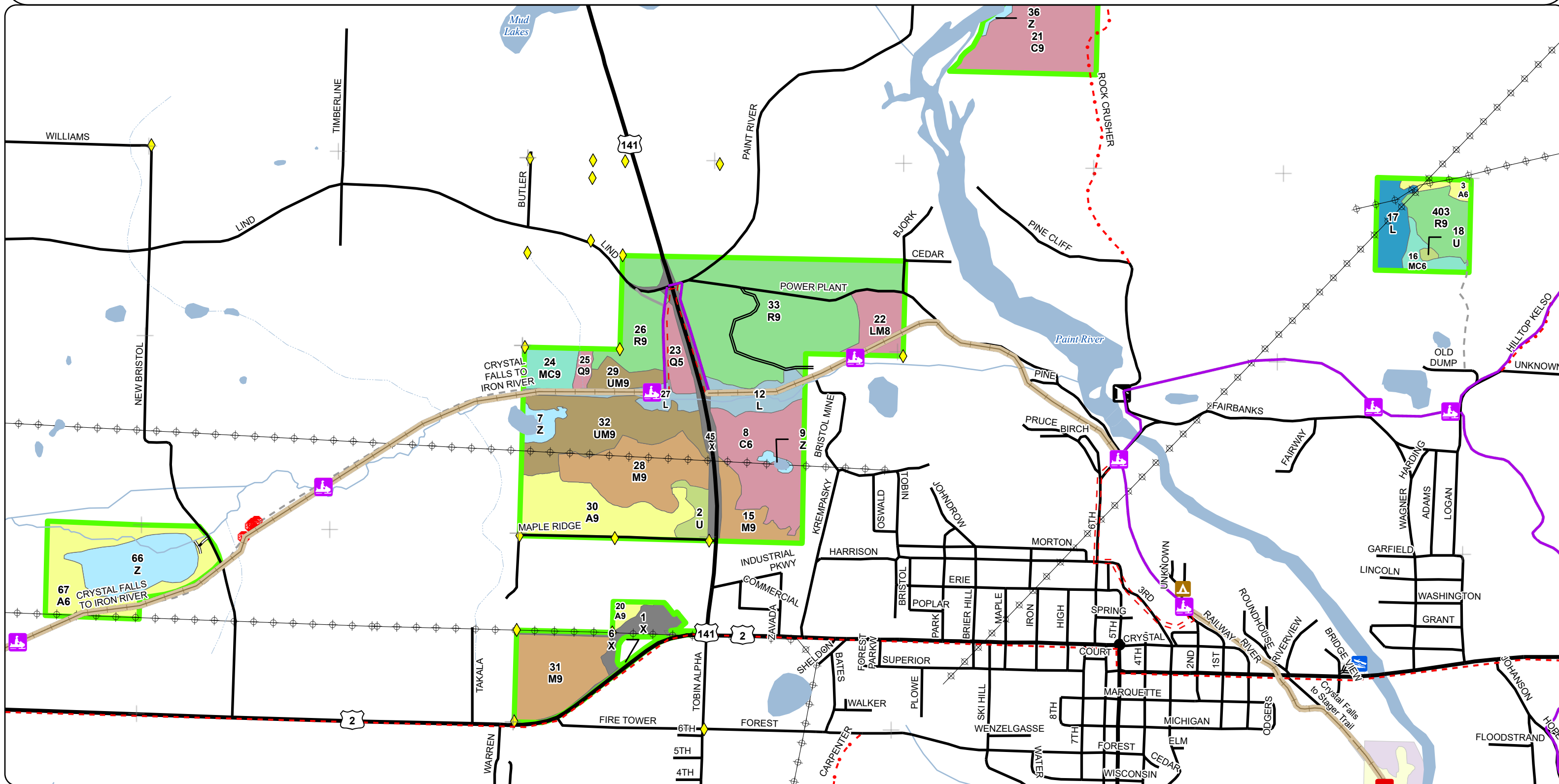


-  Remonumented Section Corners
-  Survey Grade Corners
-  Toilet
-  Boating Access Site
-  Bridges
-  Campground
-  City
-  Sign
-  Designated Bicycle Trails

-  Designated ORV Routes
-  Designated Snowmobile Trails
-  DNR - Primary Forest Road
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-  Federal / State Highway
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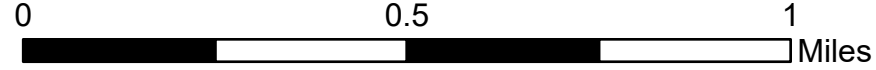
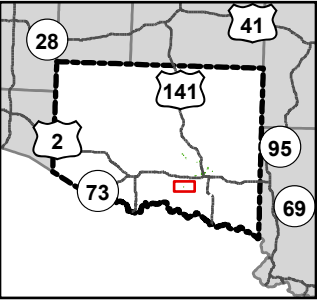
-  Intermittent Stream
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-  Powerline
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-  413 - Aspen
-  421 - Planted Pines

- | |
|----------------------------------|
| 429 - Mixed Upland Conifers |
| 430 - Upland Mixed Forest |
| 500 - Water |
| 612 - Lowland Coniferous Forest |
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+ Remonumented Section Corners

— Federal / State / County - Paved Road

- - - County - Gravel Road

- - - Private - Dirt / Gravel Road

- - - Intermittent Stream

— Perennial River

— Lakes and Rivers

- - - Counties

— Compartment Boundary

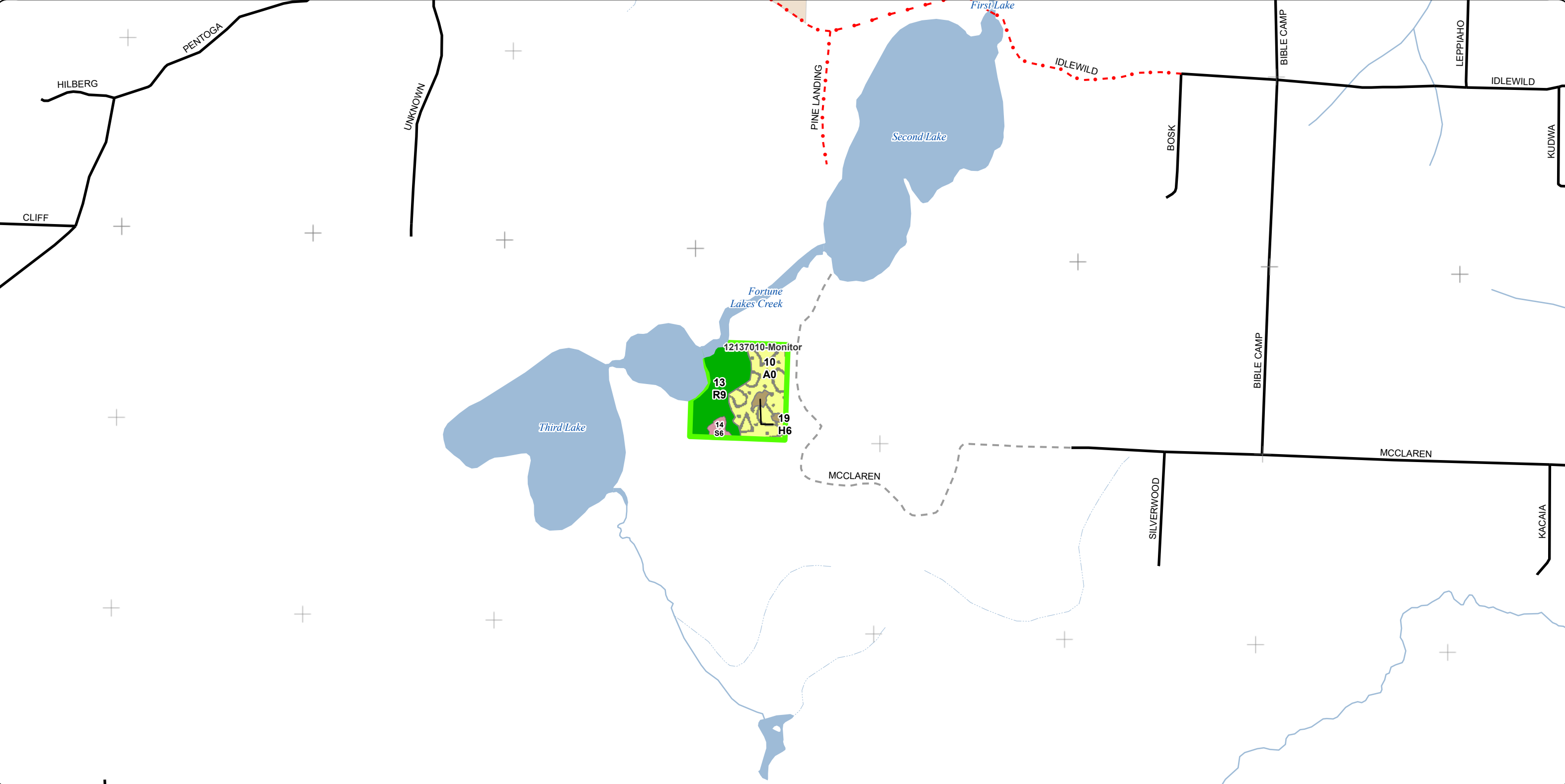
Monitoring - Regeneration

413 - Aspen

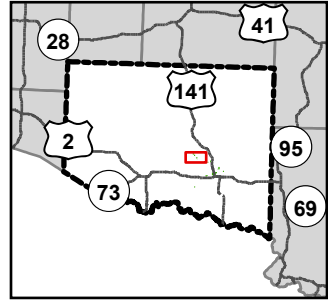
422 - Natural Pines

430 - Upland Mixed Forest

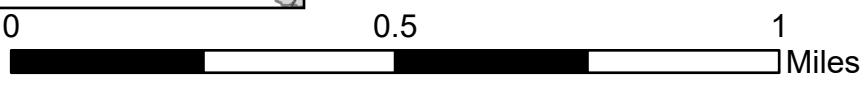
612 - Lowland Coniferous Forest



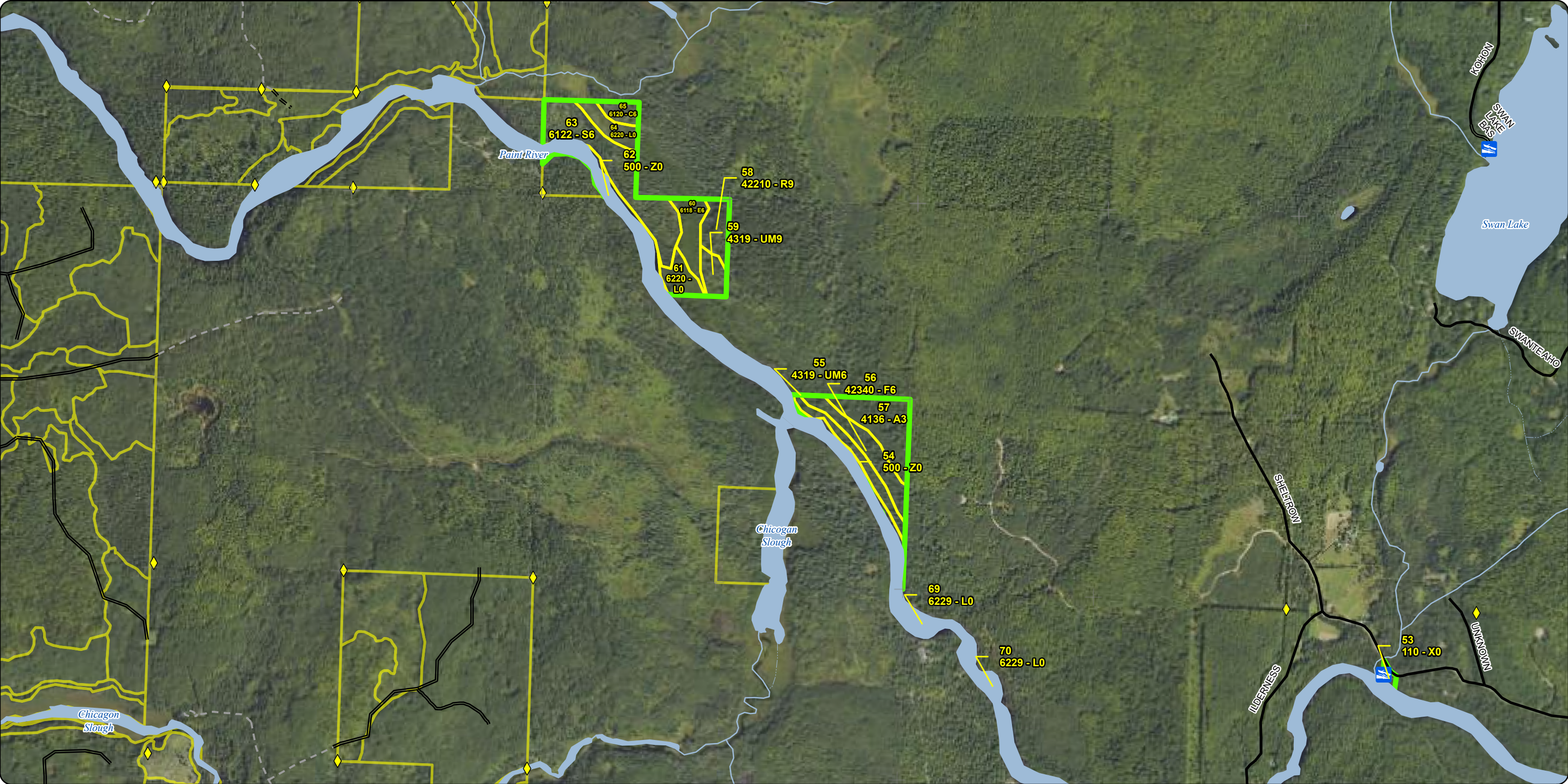
Stand Boundary Map










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|-----|---------------------------------------|-----|-----------------------------|---------------------------------|
| + | Remonumented Section Corners | --- | Intermittent Stream | 430 - Upland Mixed Forest |
| ◆ | Survey Grade Corners | — | Perennial River | 500 - Water |
| 🚤 | Boating Access Site | ■ | Lakes and Rivers | 611 - Lowland Deciduous Forest |
| == | DNR - Secondary Forest Road | --- | Counties | 612 - Lowland Coniferous Forest |
| --- | DNR - Forest Access Route | ■ | Compartment Boundary | 110 - Low Intensity Urban |
| — | Federal / State / County - Paved Road | | 413 - Aspen | 622 - Lowland Shrub |
| --- | Private - Dirt / Gravel Road | | 422 - Natural Pines | |
| | | | 423 - Other Upland Conifers | |





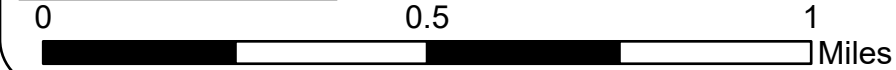
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





- Private - Dirt / Gravel Road
 - - - Intermittent Stream
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 ■ Lakes and Rivers
 □ Counties
 ■ Compartment Boundary
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 422 - Natural Pines

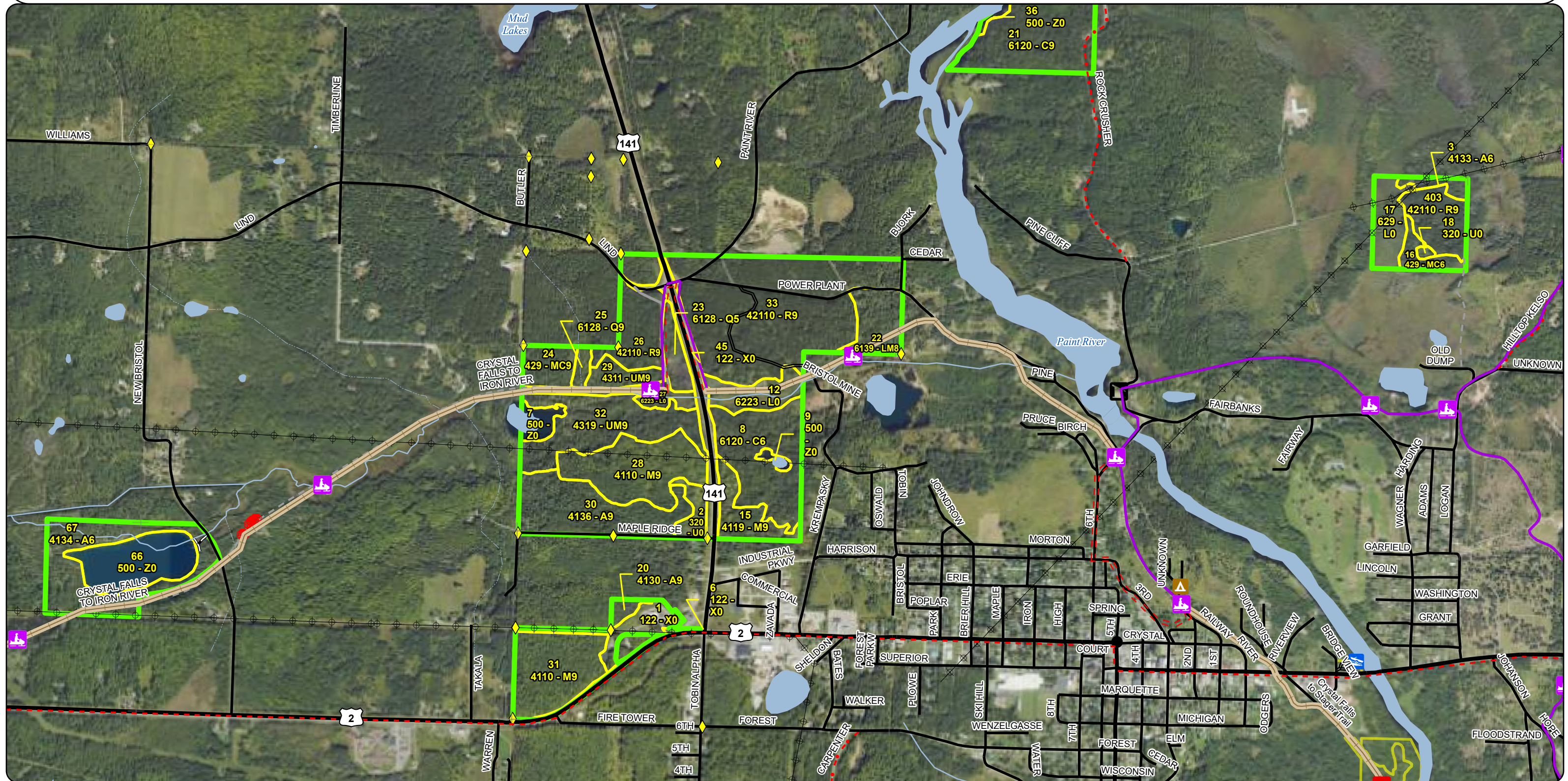
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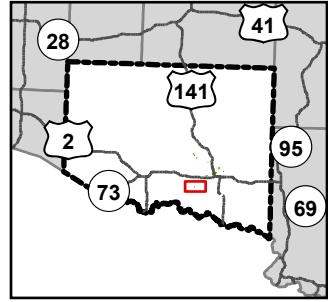
A map of Texas with major highways labeled: 28, 41, 2, 73, 141, 95, and 69. A dashed rectangle outlines the central-eastern region, and a small red rectangle within it indicates the study area.



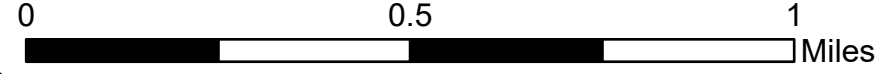
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|---|------------------------------|---|---------------------------------------|---|-------------------------|----------------------------------|
|  | Remonumented Section Corners |  | Designated ORV Routes |  | Intermittent Stream | 429 - Mixed Upland Conifers |
|  | Survey Grade Corners |  | Designated Snowmobile Trails |  | Perennial River | 430 - Upland Mixed Forest |
|  | Toilet |  | DNR - Primary Forest Road |  | Lakes and Rivers | 500 - Water |
|  | Boating Access Site |  | DNR - Secondary Forest Road |  | Counties | 612 - Lowland Coniferous Forest |
|  | Bridges |  | Federal / State Highway |  | Powerline | 613 - Lowland Mixed Forest |
|  | Campground |  | Federal / State / County - Paved Road |  | Compartment Boundary | 122 - Road/Parking Lot |
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Stand Boundary Map

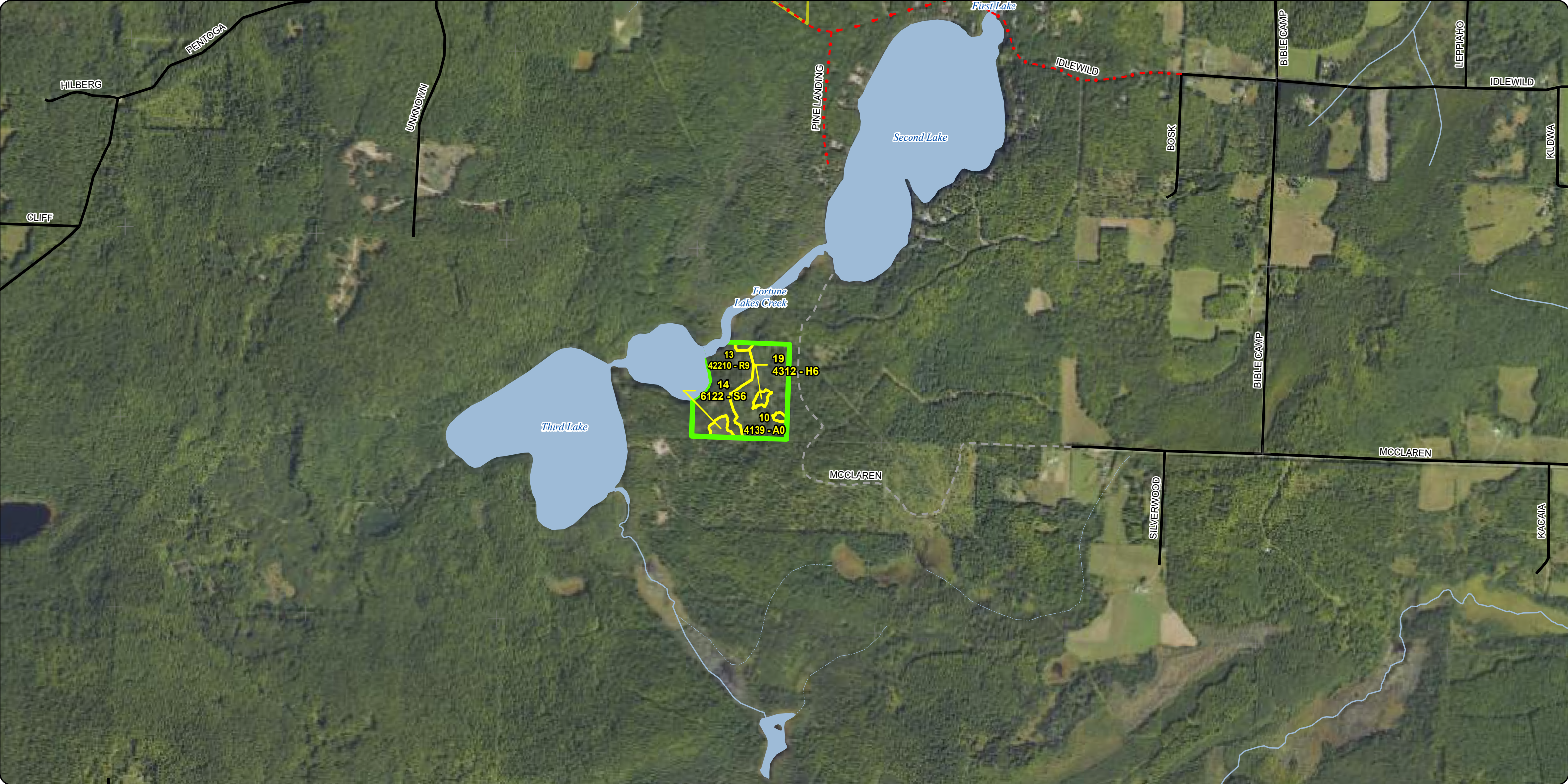


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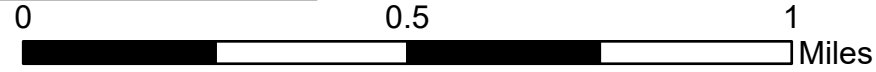
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- Lakes and Rivers
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Special Conservation Areas
& Site Conditions Map

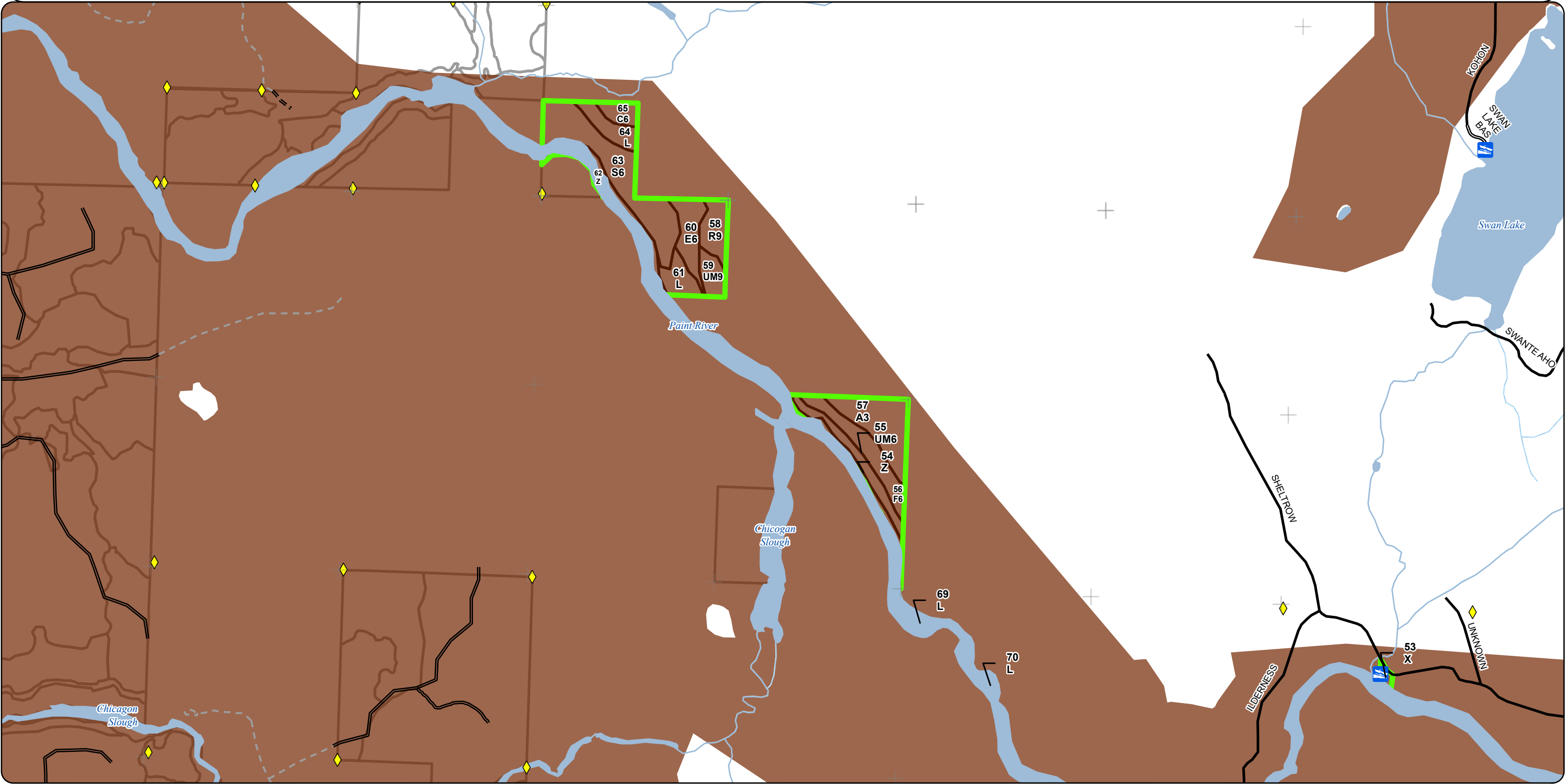
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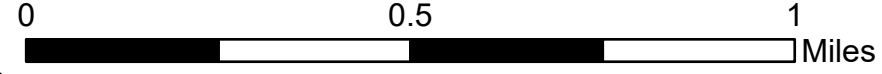
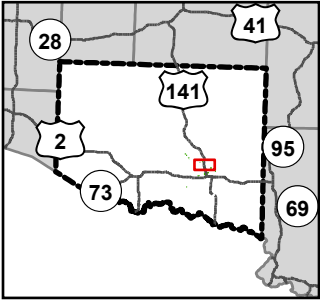
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- Compartment Boundary
- Stand Boundaries
- Cold Water Streams
- Deer Winter Range



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 Remonumented Section Corners
- ◆

 Survey Grade Corners
- Boating Access Site
- ==

 DNR - Secondary Forest Road
- ==

 Federal / State Highway

—

 Federal / State / County - Paved Road

- - -

 County - Gravel Road

- - -

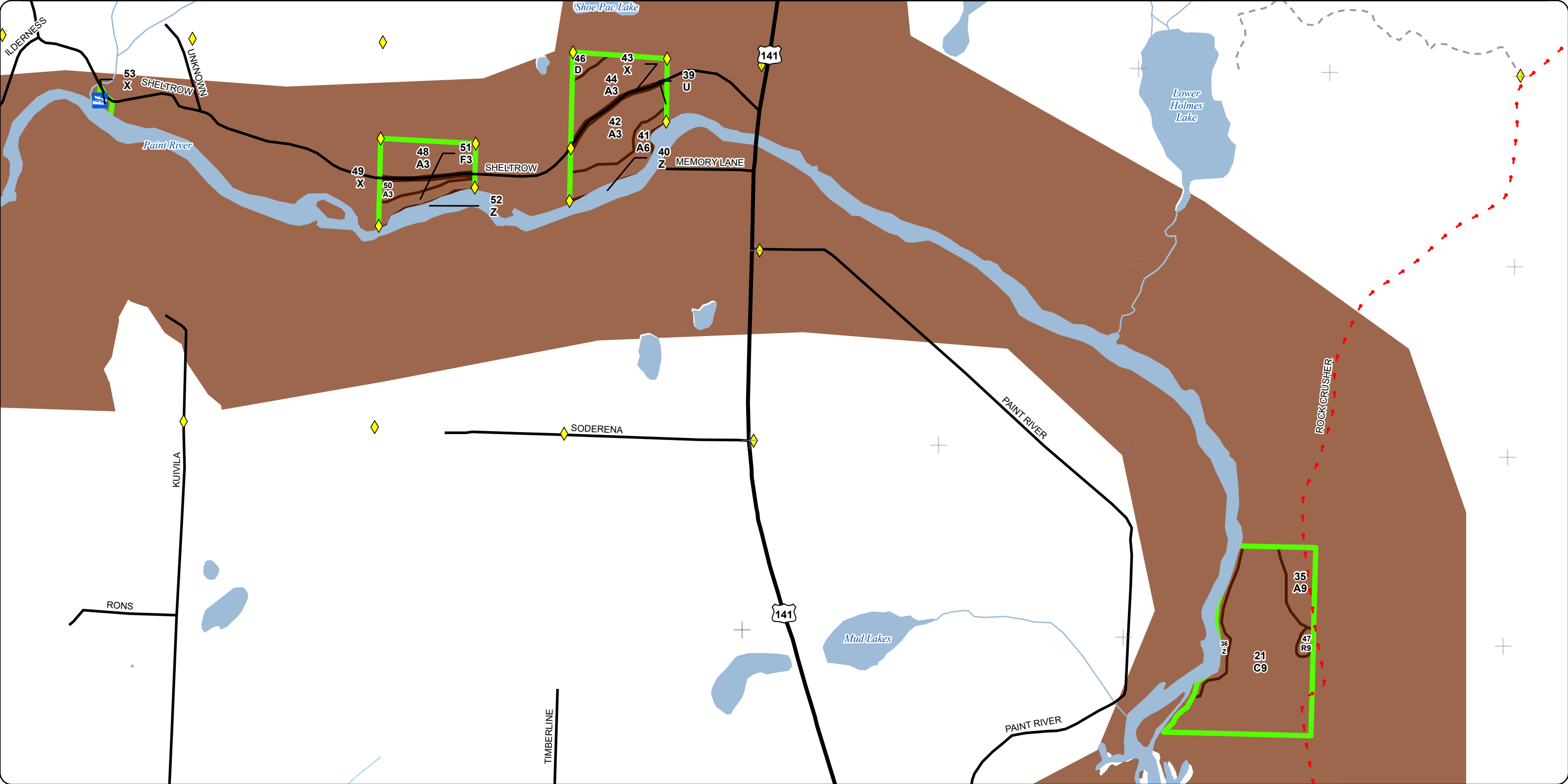
 Private - Dirt / Gravel Road

 Intermittent Stream

—

 Perennial River Lakes and Rivers Counties Compartment Boundary Stand Boundaries

—

 Cold Water Streams Deer Winter Range

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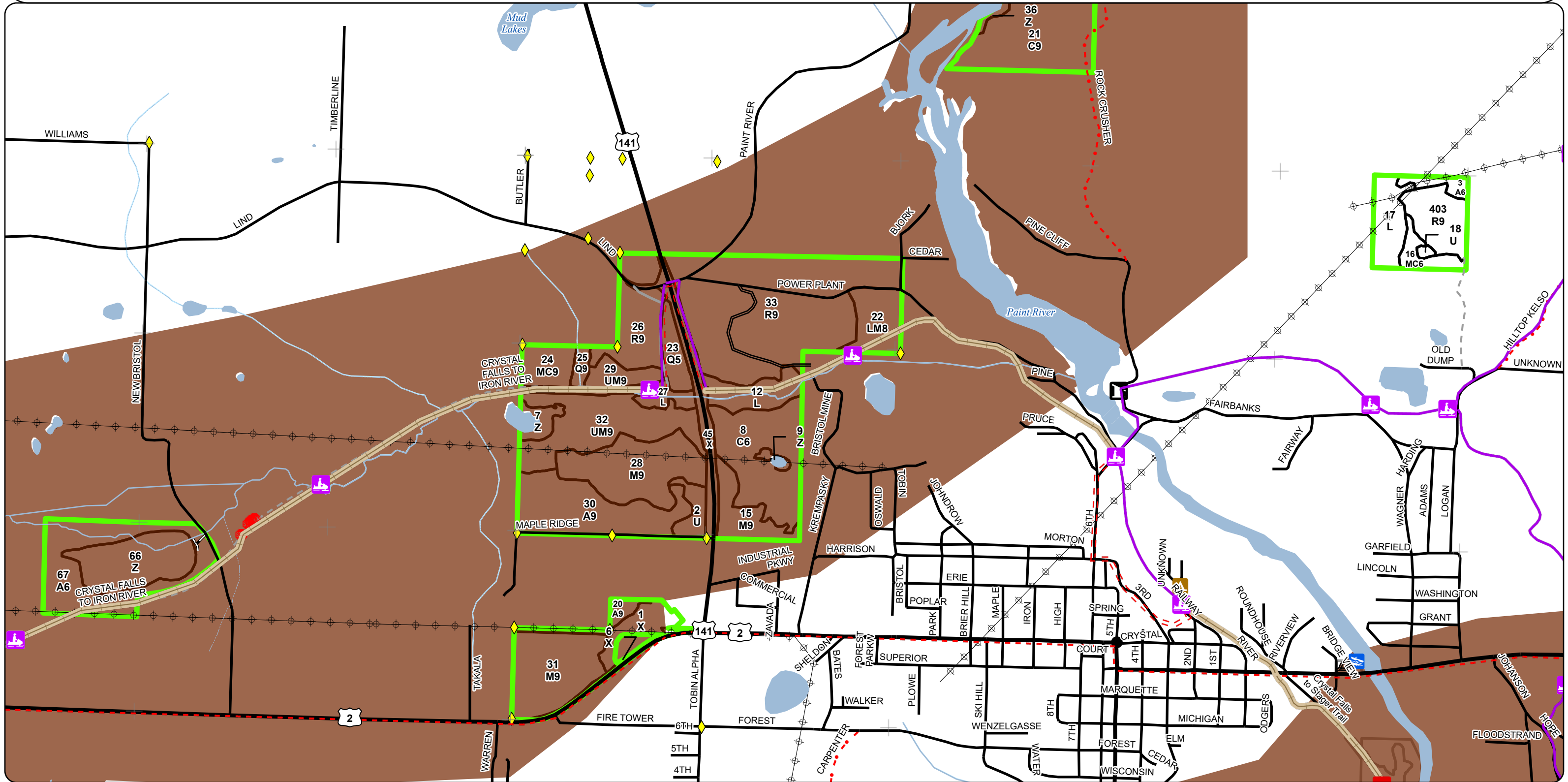
0 0.5 1 Miles

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- Toilet
- Boating Access Site
- Bridges
- Campground
- City

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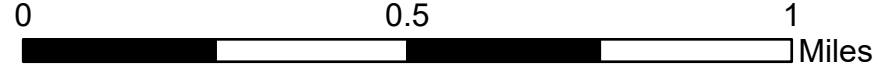
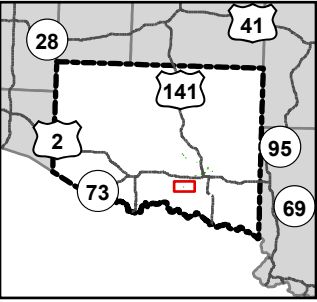
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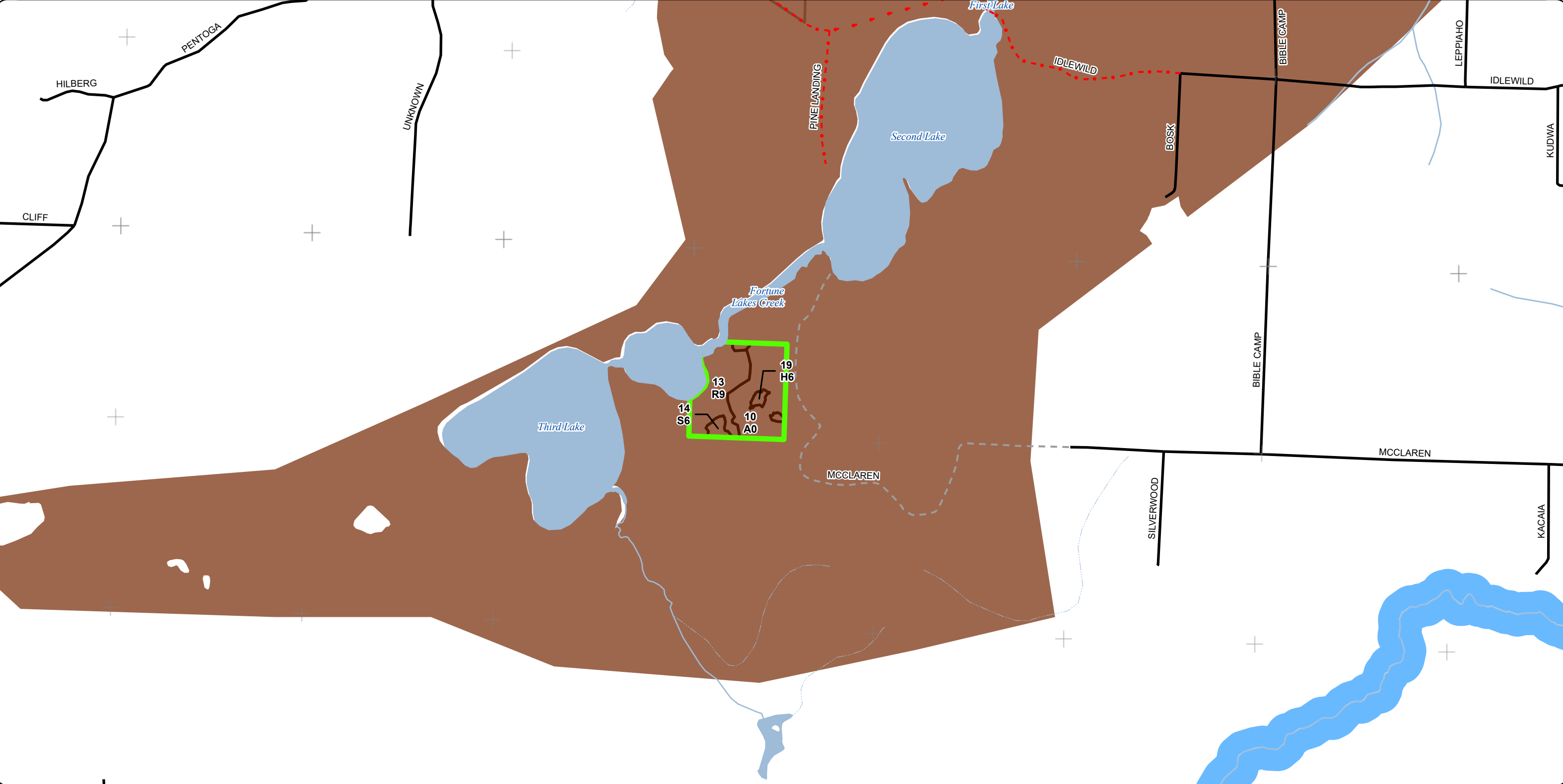
Compartment Boundary

Stand Boundaries

Cold Water Streams

High Priority Trout Stream Buffer

Deer Winter Range



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	72	0	0	0	0	0	108
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
Total	168	0	32	37	6	0	11	91	213	91	64	0	80	0	0	0	0	29	820



Report 2 – Treatment Summary

Crystal Falls Mgt. Unit
Year of Entry: 2027

Acres of Harvest

Compartment 137
Total Compartment Acres: 817

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: 0



Availability for Management

Total Acres	Acres Available	Acres Available <i>With Condition</i>	Acres Not Available	Dominant Site Conditions				
					2A	2H	3E	3J
183	134	0	49	Aspen	4		34	11
108	72	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
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Comments:

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

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

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

20	Unavailable	3E: Easement/lease, non-military (e.g. Consumers Power red pine, etc.)	20	Unspecified	Unspecified	Unspecified	Unspecified
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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				



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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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19	4312 - Hemlock, Mixed Deciduous	Poletimber Well	1.2	66	81-110	N/A	
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Pine	5		10		Balsam Fir	Medium	Variable	Variable
Quaking Aspen	5		10	66				
Red Oak	20		8	66				
Hemlock	45		8	66				
Balsam Fir	5		6					
Red Maple	10		6	66				
Paper Birch	10		8					

20	4130 - Aspen	Sawtimber Well	2.7	61	111-140	N/A	
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Quaking Aspen	80		12	61	Sugar Maple	Medium	>20 feet	>20 feet
Sugar Maple	10		10					
White Spruce	10	Seedling	8					

21	6120 - Lowland Cedar	Sawtimber Well	68.4	115	201+	N/A	
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Pine	2		18		Northern White Cedar	Low	< 5 feet	< 5 feet
Red Pine	3		18					
Black Ash	10	Seedling	8					
Yellow Birch	2	Seedling	8					
Quaking Aspen	20		10					
Paper Birch	8	Seedling	8					
Black Spruce	2	Seedling	8					
Northern White Cedar	53	Seedling	8	115				

22	6139 - Mixed Lowland Forest	Sawtimber Medium	14.0	71	81-110	N/A	
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	5	Seedling	8		White Pine	Medium	10 - 20 feet	10 - 20 feet
Black Cherry	10	Pole	4					
Balsam Fir	10		10					
Tamarack	10	Seedling	8					
Quaking Aspen	40		10	71				
White Spruce	5		10					
Black Spruce	20	Seedling	6					

OPIC - FMD: This land is undivided interest and the Bristol mine is to the south. this area of the stand has some smaller diameter trees.



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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
Basswood	5		14					
White Ash	15		14					
American Elm	1		12					
Sugar Maple	60		10	85				
Paper Birch	2		10					
Green Ash	6		14					
Yellow Birch	5		10					
Hemlock	5		14					

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					
Quaking Aspen	40		10	75				
Red Pine	10		10	75				
Northern White Cedar	5	Sapling	6					

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
White Spruce	5		12		Balsam Fir	Low	5 - 10 feet	5 - 10 feet
Northern White Cedar	15		10		Apple (spp.)	Low	10 - 20 feet	10 - 20 feet
Sugar Maple	5	Seedling	6		Sugar Maple	Medium	5 - 10 feet	5 - 10 feet
Red Maple	10	Sapling	6		Red Maple	Medium	< 5 feet	< 5 feet
Paper Birch	10		10		American Fly Honeysuckle	High	5 - 10 feet	5 - 10 feet
Yellow Birch	5	Seedling	8					
Quaking Aspen	40		12	61				
Balsam Fir	10		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
Black Cherry	2		10					
Sugar Maple	30	Seedling	8	51				
Sugar Maple	66		14	111				

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







Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments		
51	42340 - Upland Spruce/Fir	Sapling Well	6.0	36	51-80	N/A			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir		10	Log	4		Balsam Fir	High	5 - 10 feet	5 - 10 feet
White Spruce		50	Seedling	6	36				
Hemlock		3		10					
White Pine		2		16					
Quaking Aspen		35		8					
52	500 - Water	Unspecified	2.9			No	The Paint river		
53	110 - Low Intensity Urban	Unspecified	1.1			No	Access to the Paint river. Ericksons landing		
54	500 - Water	Unspecified	5.6			No	The Paint river		
55	4319 - Mixed Upland Forest	Poletimber Well	7.1	95	81-110	N/A			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Pine		5		14	115	Balsam Fir	Low	< 5 feet	< 5 feet
Balsam Fir		20		10	95	White Spruce	Low	< 5 feet	< 5 feet
White Spruce		25		10	95	Black Spruce	Low	< 5 feet	< 5 feet
Red Pine		2		14	115				
Quaking Aspen		36		10	95				
Red Maple		2	Seedling	6	95				
Paper Birch		10		10	95				
56	42340 - Upland Spruce/Fir	Poletimber Well	10.3	95	81-110	N/A	This is the buffer for the Paint River		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir		20		10		Balsam Fir	Low	< 5 feet	< 5 feet
White Spruce		20		10	95	White Spruce	Low	< 5 feet	< 5 feet
Black Spruce		20		8		Black Spruce	Low	< 5 feet	< 5 feet
Red Maple		10	Seedling	6					
Paper Birch		10		10					
Quaking Aspen		20		10	95				



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