



# Compartment Review Presentation

## Crystal Falls Forest Management Unit

Compartment 12003

Entry Year 2021

Acreage: 2,098

County Dickinson

Management Area: Michigamme Reservoir

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**Revision Date:** 2019-08-03

**Stand Examiner:** Scott Sebero

**Legal Description:**

T44N, R30W, Sections 10, 13, 14, 15, 16, 21, 22 and 23

**Identified Planning Goals:**

Our management goals in this compartment are to develop age class distribution in the aspen type, to maintain health of conifer types and increase acreage where possible and to maintain and improve the quality of oak. The State of Michigan will work to develop buffers along lakes and streams and to maintain and improve the road system.

**Soil and topography:**

Land is nearly level to rolling and well drained to excessively well drained. Soils are predominately Pemene fine sandy loam and Karlin loamy fine sand.

Some areas of Greenwood peats and Carbondale mucks. These areas are very poorly drained and subject to ponding.

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

Ownership is mostly State lands with blocks of private parcels along outside edges of compartment.

**Unique Natural Features:**

Natural features include Michigamme River along the top of the compartment. Floodwood Lakes, Silver Lake, Railroad Lake and Edey Lake are all contained within this compartment. Compartment also contains several large bogs.

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

None.

**Special Management Designations or Considerations:**

None.

**Watershed and Fisheries Considerations:**

This compartment contains multiple waterbodies: Silver Lake, Floodwood Lakes, Edey Lake, Edgar Lake, Doan Lakes, Railroad Lake, Michigamme River, and multiple unnamed ponds and wetland areas. 100' plus 5' per 1% increase in slope; buffers are recommended for all waterbodies in accordance with BMPs.

**Wildlife Habitat Considerations:**

This Compartment is part of the Michigamme Reservoir MA, with American woodcock, black bear, pileated woodpecker, northern goshawk, grouse and deer as featured species. It falls within the Iron-Floodwood Deer Wintering Complex, encompassing the historic Three Lakes Deeryard. Openings in the compartment are part of the Floodwood Opening Complex where openings are maintained by prescribed burns and mechanical means, serving as break out areas for deer, as well as, opening associated wildlife species. Many lakes, streams and wetland are in the compartment that provide habitat for loons, eagles, osprey and waterfowl.

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

The nearest active sand/gravel operation is located more than three miles to the northeast, and there may only be limited sand & gravel potential within the compartment. There has been no history of metallic mineral mining in this area. Mineral rights in and around the compartment were previously leased for metallic mineral exploration and development more than 30 years ago. Ford Motor Co. drilled some iron ore test holes to the east, in Section 13, in the late 1920s, but there is no known iron ore potential within the compartment. There may be potential for other metallic minerals. There is no known potential for economic hydrocarbon production in the UP.

**Vehicle Access:**

Most of compartment accessible by vehicles, but some areas are blocked by private property, bogs and railroad tracks.

**Survey Needs:**

None.

**Recreational Facilities and Opportunities:**

Hunting and fishing. Sagola Sportsman's Club on south side of Edey Lake.

**Fire Protection:**

**Additional Compartment Information:**

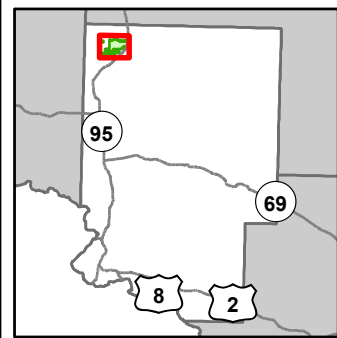
The following reports from the Inventory are attached:

- 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:

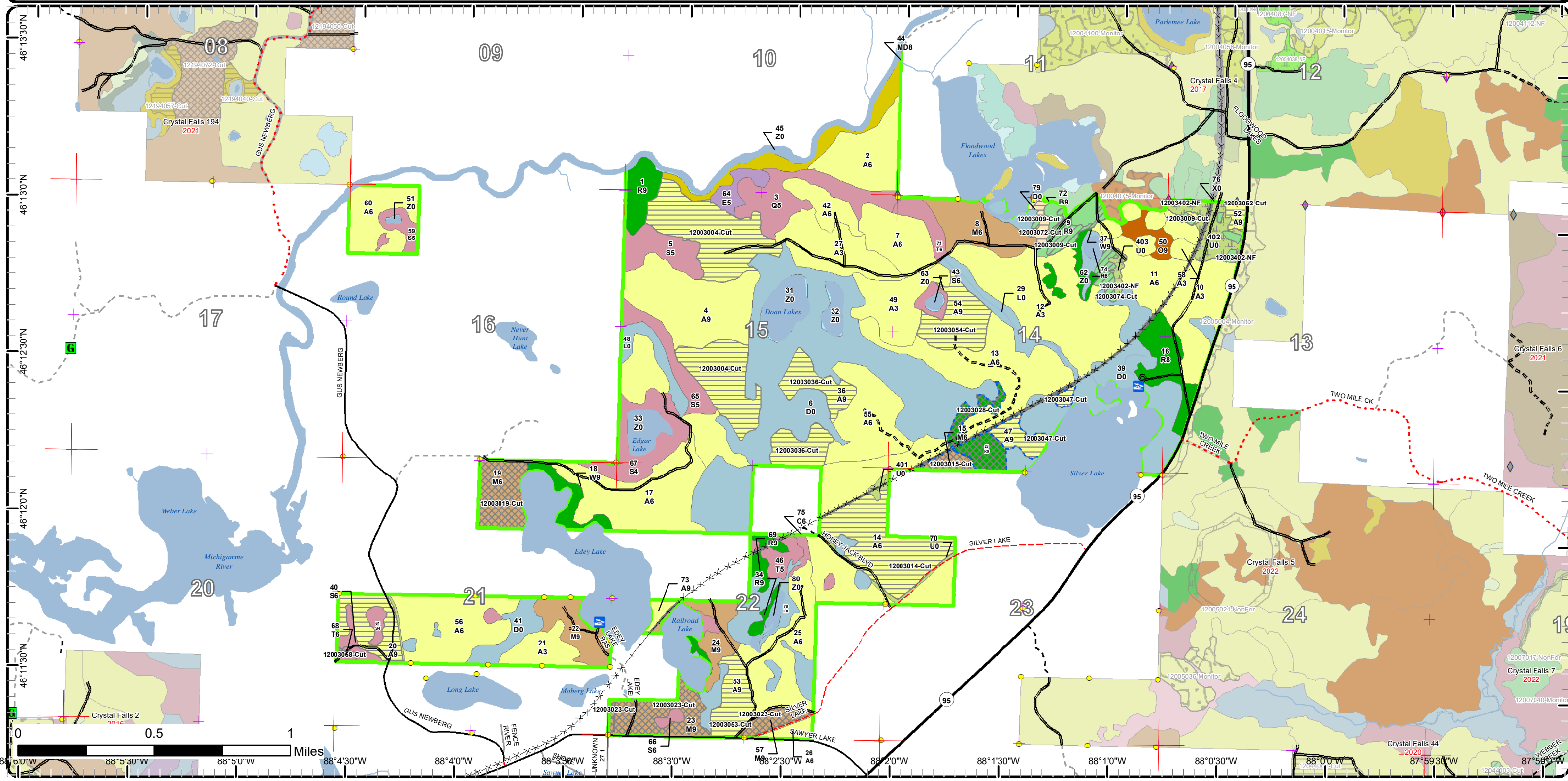
- Base feature information, stand boundaries, cover types, and numbers
- Proposed treatments
- Site condition boundaries
- Details on the road access system

# Cover Type & Treatments Map



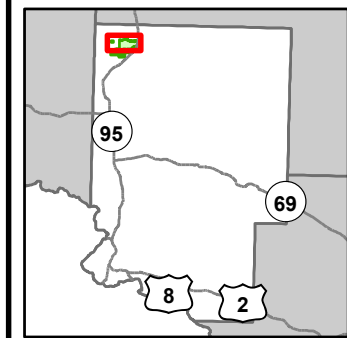
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 County: Dickinson  
 Unit: Crystal Falls  
 Mgmt Area: Michigamme Reservoir  
 Reservoir  
 YOE: 2021  
 Acres: 2,098 GIS Calculated  
 Examiner: Scott Sebero  
 Map Revised: 1/27/2020  
 Map Phase: Post-Review

- Miris Corners
- + Remonumented Section Corners
- Survey Grade Corners
- ◆ Field Grade Corners
- - - Counties
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- == DNR - Forest Access Route
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- ✕ Abandoned Railroads
- Boating Access Site
- Island in Lake or River
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Compartment Boundary
- Treatments with Site Conditions
- Other Treatment - See Comments
- Selection (Group, Single Tree)
- Clearcut (w/Reserves)
- Thinning (Crown, Low, Systematic)
- 411 - Northern Hardwood
- 412 - Oak Types
- 413 - Aspen
- 414 - Other Upland Deciduous
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 422 - Natural Pines
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 122 - Roads/Parking Lot
- 320 - Upland Shrub
- 500 - Water
- 622 - Lowland Shrub

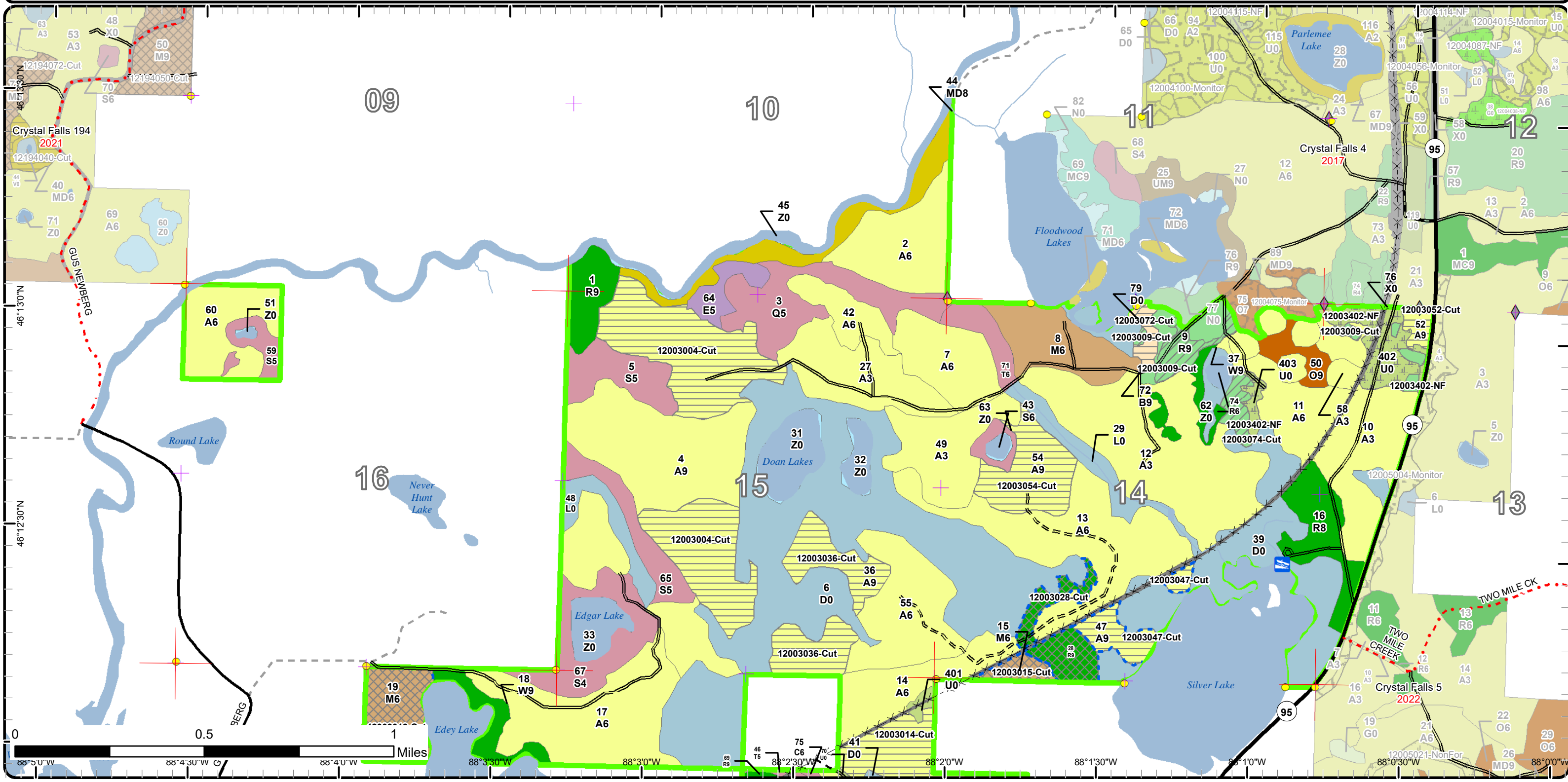


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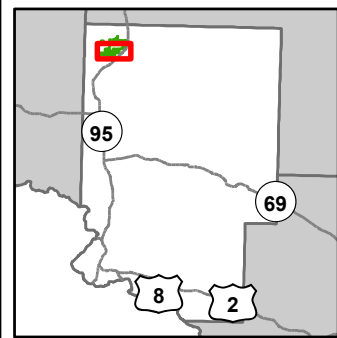
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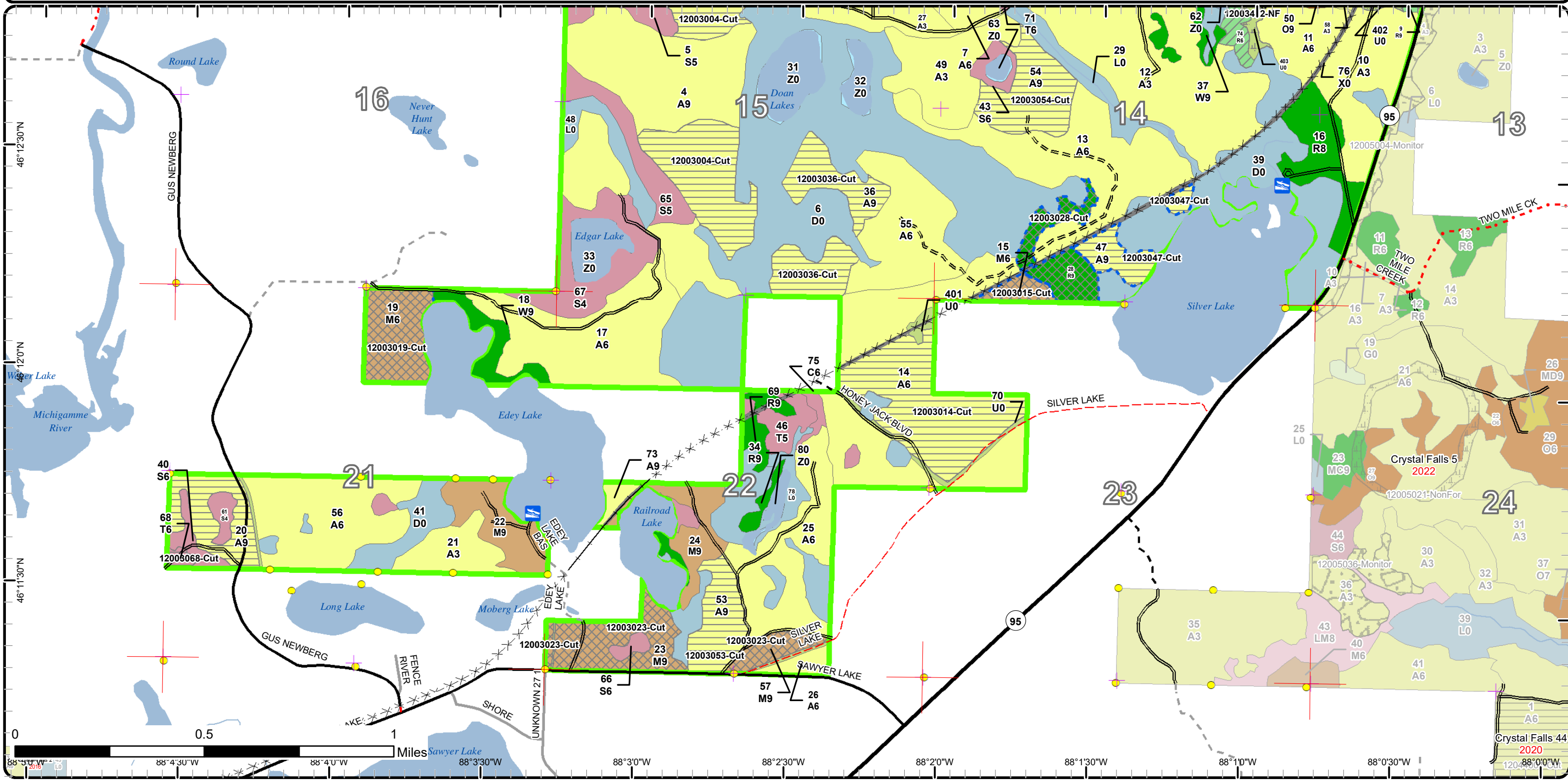


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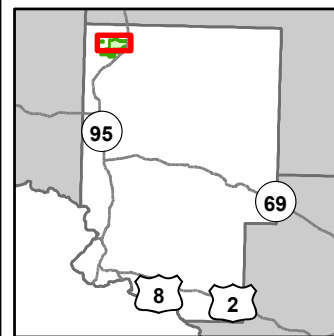
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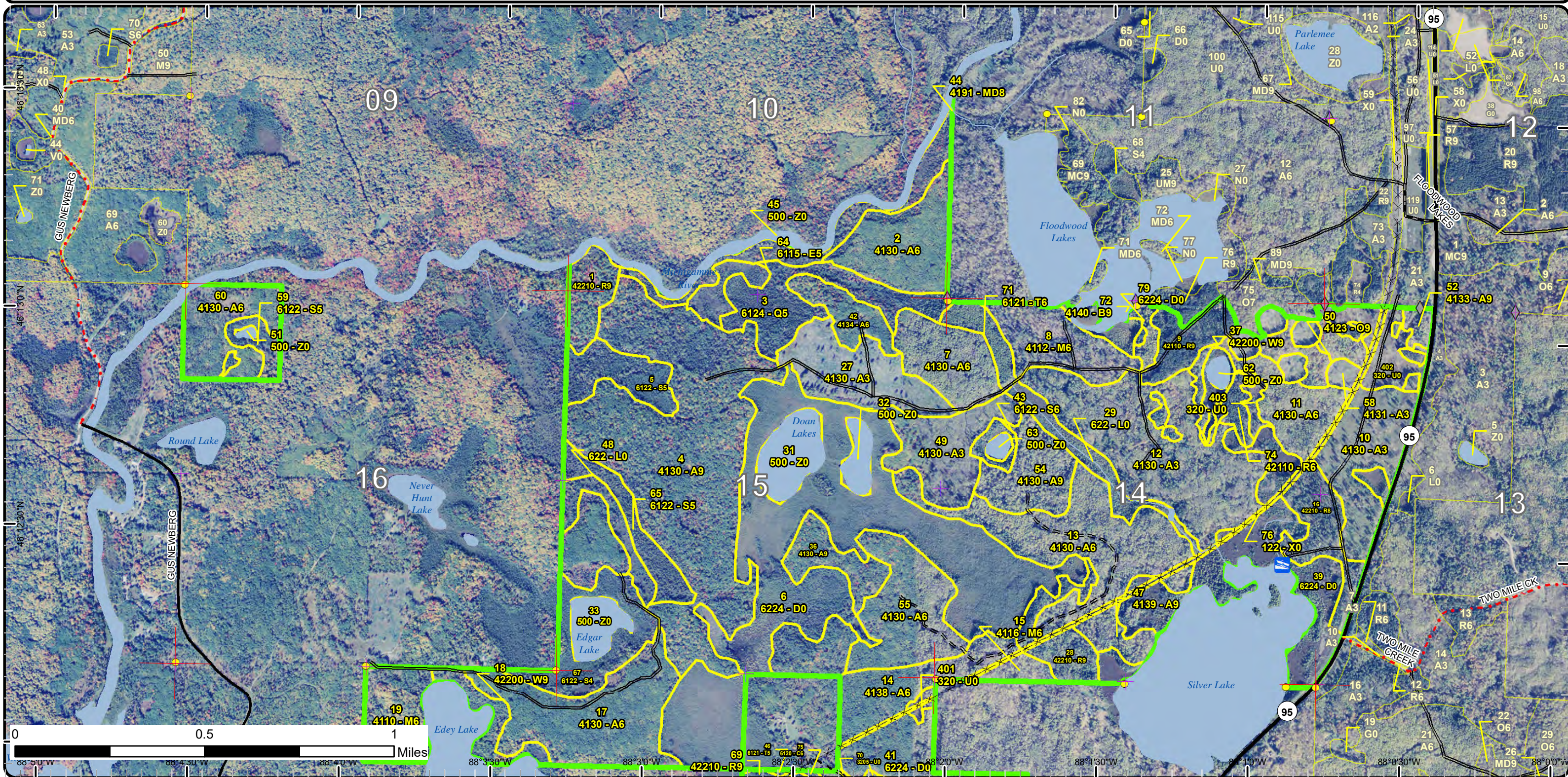
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# Stand Boundary Map

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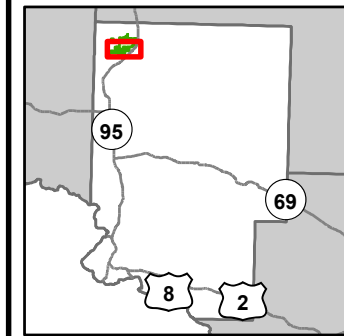


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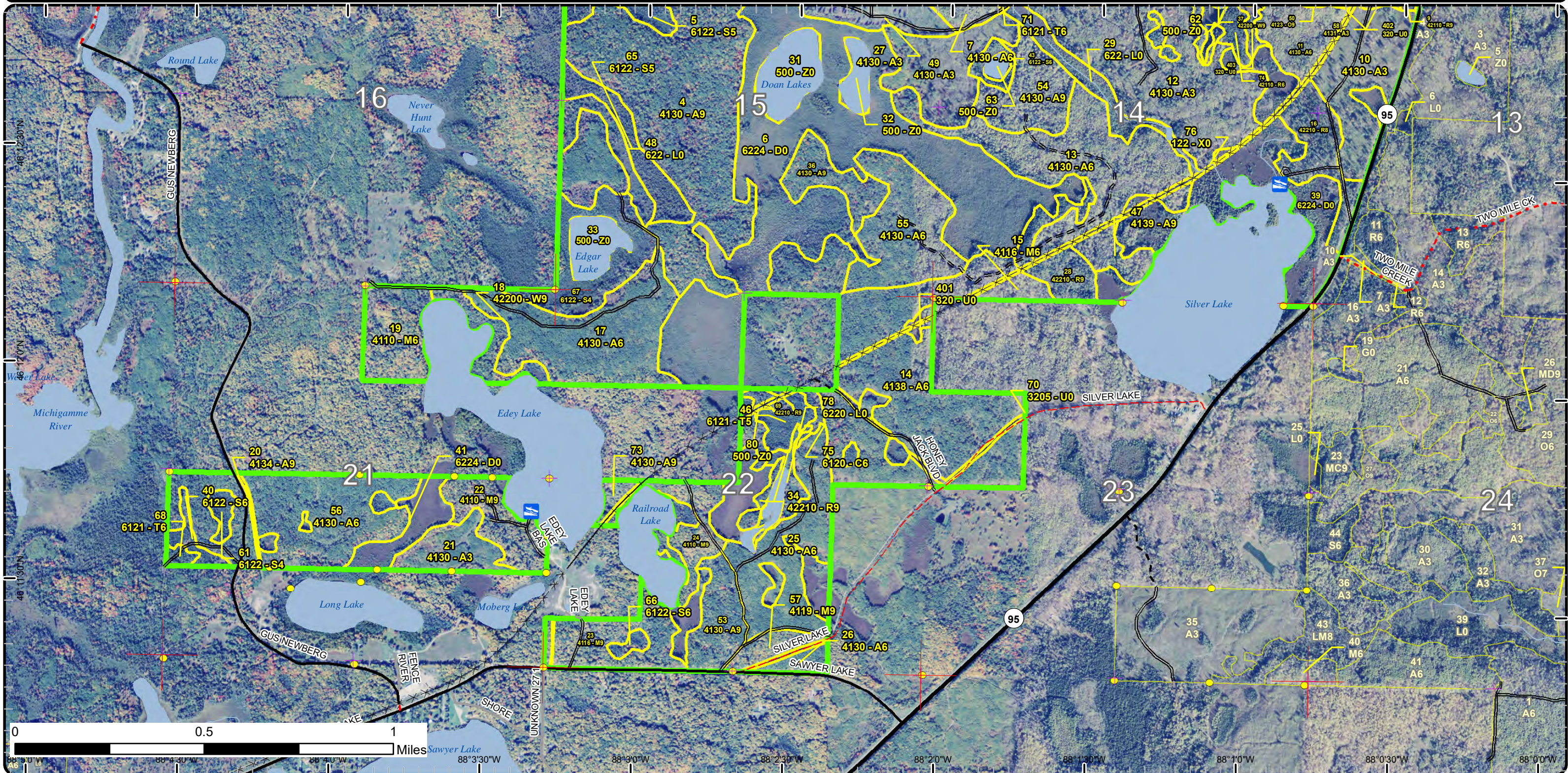


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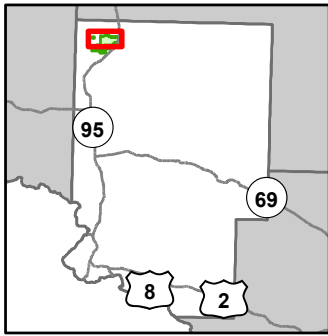


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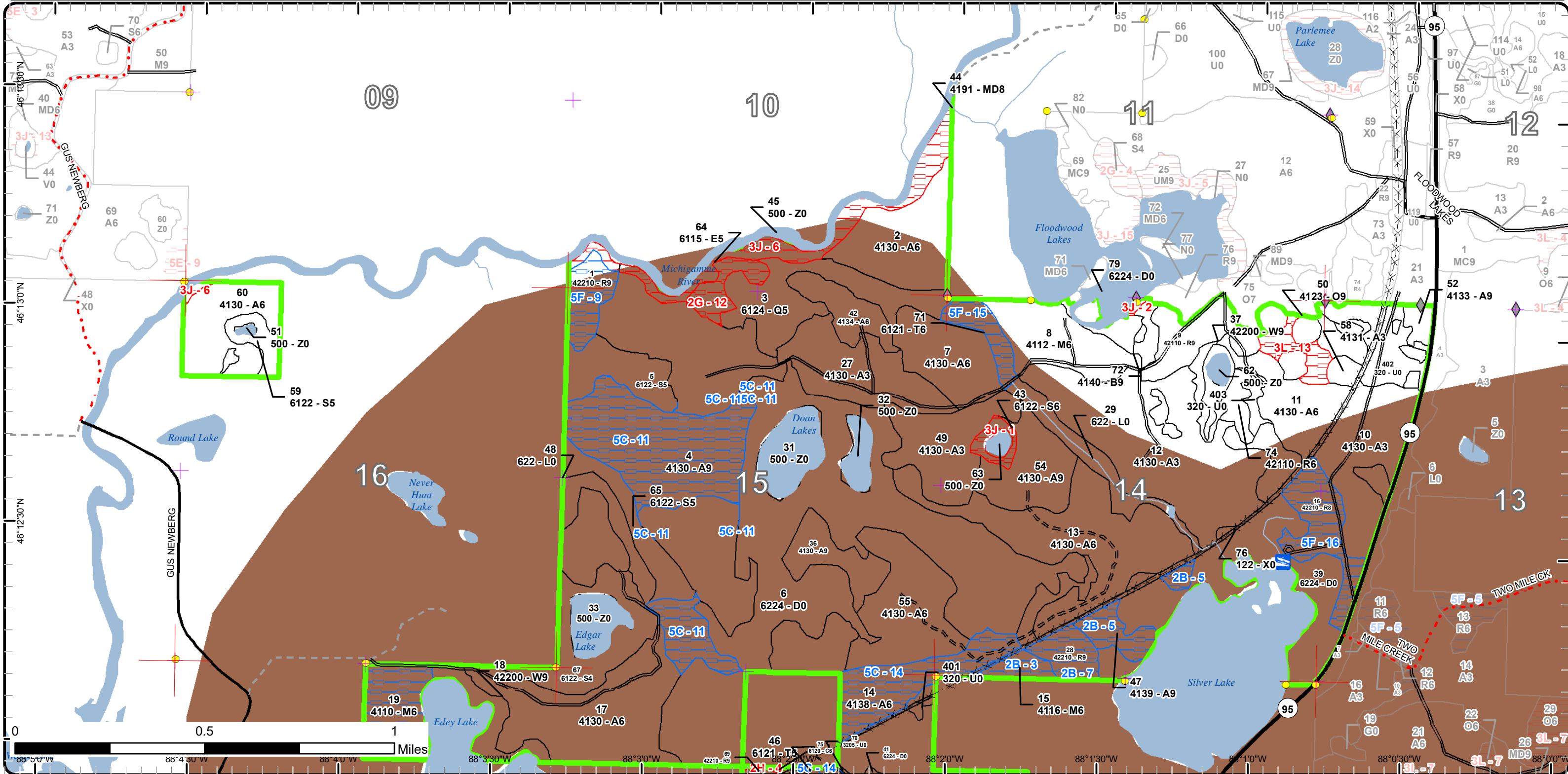


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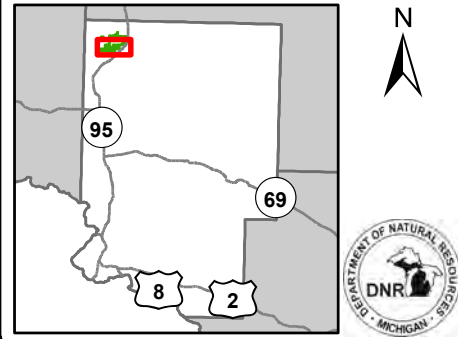
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  - Compartment Boundary
  - Available w/ Constraints
  - Unavailable
  - Stand Boundaries
  - Deer Winter Range
- 5C: Delay treatment for age/size class diversity or exceptional site quality  
 2G: Too wet (sensitive soils, does not include access issues)  
 3J: Water quality / BMPs (stream, river, or lake)  
 3L: Other wildlife concerns



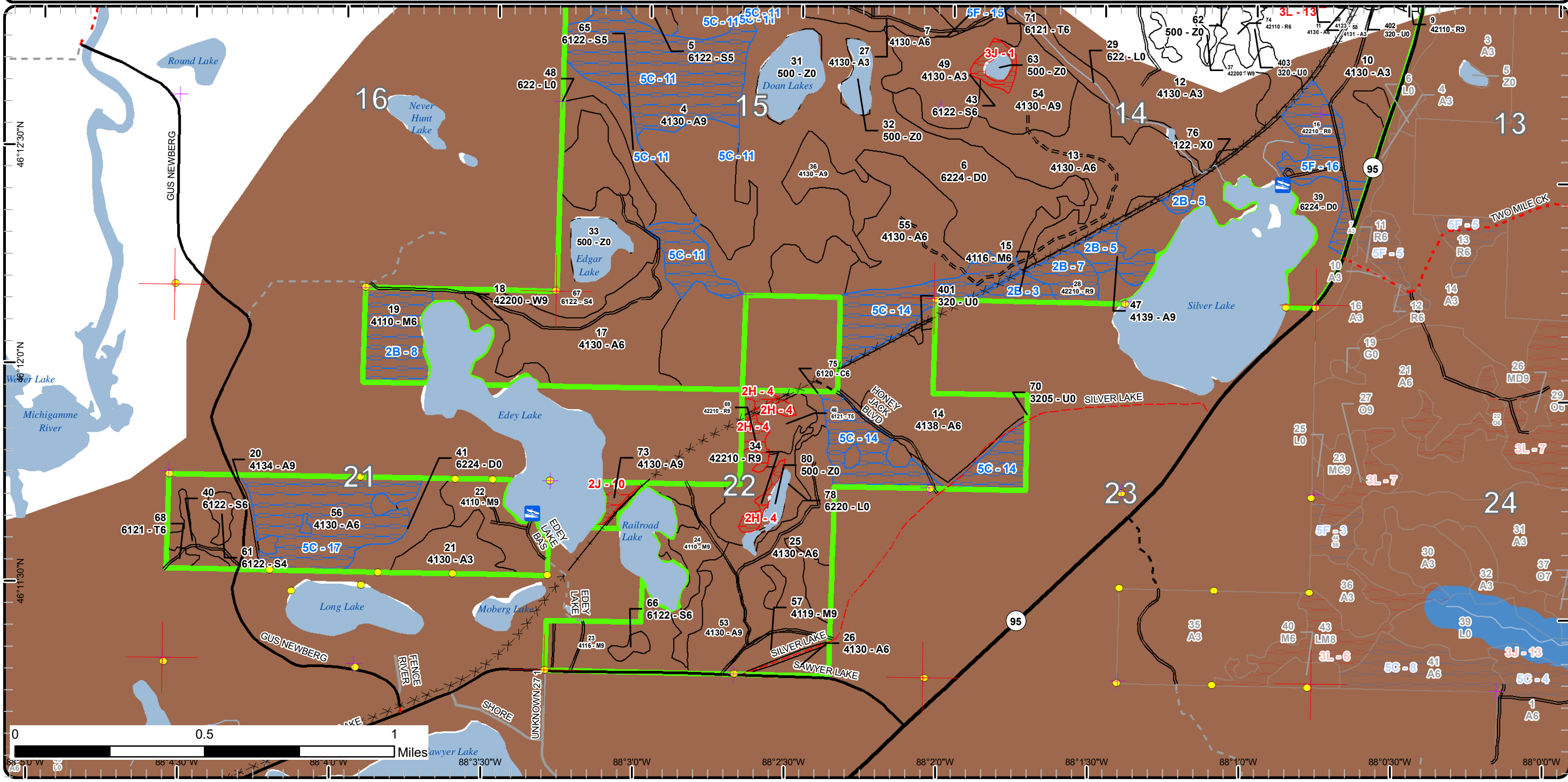


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  - Available w/ Constraints
  - Unavailable
  - 3J: Water quality / BMPs (stream, river, or lake)
  - Stand Boundaries
  - Cold Water Streams
  - High Priority Trout Stream Buffer
  - Deer Winter Range
- 5C: Delay treatment for age/size class diversity or exceptional site quality  
 2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)



Report 1 – Total Acres by Cover Type and Age Class



Age Class

	Non-Forest	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100-109	110-119	120-129	130-139	140-149	150+	Uneven-Aged	Total
Aspen	0	98	54	92	282	178	340	72	5	0	17	0	0	0	0	0	0	0	1138
Cedar	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	3
Lowland Conifers	0	0	0	0	0	0	0	0	39	0	0	0	0	0	0	0	0	0	38
Lowland Deciduous	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	10
Lowland Shrub	37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	36
Lowland Spruce/Fir	0	0	0	0	0	0	0	0	103	0	0	0	0	0	0	0	0	0	103
Mixed Upland Deciduous	0	0	0	0	0	0	0	0	25	0	0	0	0	0	0	0	0	0	25
Northern Hardwood	0	0	0	0	0	0	27	0	0	0	119	0	0	0	0	0	0	0	146
Oak	0	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0	9
Paper Birch	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	5
Red Pine	0	0	0	0	0	0	0	29	0	25	48	0	0	0	0	0	0	0	102
Tamarack	0	0	0	0	0	0	10	11	2	0	0	0	0	0	0	0	0	0	22
Treed Bog	342	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	342
Upland Shrub	31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	31
Urban	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13
Water	54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	54
White Pine	0	0	0	0	0	0	0	0	0	0	21	0	0	0	0	0	0	0	21
<b>Total</b>	<b>477</b>	<b>98</b>	<b>54</b>	<b>92</b>	<b>282</b>	<b>178</b>	<b>377</b>	<b>117</b>	<b>187</b>	<b>25</b>	<b>214</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2098</b>



## Report 2 – Treatment Summary

Crystal Falls Mgt. Unit  
Year of Entry: 2021

Acres of Harvest

Compartment 3  
Total Compartment Acres: 2,098

Commercial Harvest - 326  
Harvests with Site Condition - 66  
Next Step Harvest - 0  
Habitat Cut - 0

### Cover Type by Harvest Method

	Clearcut	Selection	Patch Clearcut	Seed Tree	Shelterwood	Thinning	Overstory Removal	Salvage	Other	Total Acres
Aspen	278	0	0	0	0	0	0	0	0	278
Northern Hardwood	0	72	0	0	0	0	0	0	0	72
Paper Birch	4	0	0	0	0	0	0	0	0	4
Red Pine	0	19	0	0	16	0	0	0	0	35
Tamarack	2	0	0	0	0	0	0	0	0	2
<b>Total</b>	<b>284</b>	<b>91</b>	<b>0</b>	<b>0</b>	<b>16</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>391</b>

### Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	391	0	0	0	0	0	0	22	0	413
Next Step	0	0	0	0	0	375	0	0	0	375
<b>Total</b>	<b>391</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>375</b>	<b>0</b>	<b>22</b>	<b>0</b>	<b>788</b>



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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**Proposed Treatments:**

<b>4</b>	<b>12003004-Cut</b>	94.9	4130 - Aspen	Sawtimber Well	57	111- 140	Harvest	Clearcut with Retention	4134 - Aspen, Spruce/Fir	Even-Aged	No
<u>Prescription</u> Cut all aspen and mixed hardwood 2" DBH and larger. Cut all spruce, balsam and tamarack with one or more pulpwood stick. No red or											
<u>Specs:</u> white pine, cedar, hemlock or oak will be cut. Mark one cherry or aspen per acre as wildlife leave tree when cruising stand.											
<u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)											
<u>Treatments:</u>											
<u>Acceptable</u> Mix of aspen, spruce, balsam and pine.											
<u>Regen:</u>											
<u>Other</u> Winter cut if nesting loons are found.											
<u>Comment:</u>											
<u>Site Condition</u>											
<u>Proposed Start Date:</u> 10/1 /2020											
<b>9</b>	<b>12003009-Cut</b>	10.0	42110 - Planted Red Pine	Sawtimber Well	63	141- 170	Harvest	Crown Thinning	4211 - Planted Red Pine	Even-Aged	No
<u>Prescription</u> Mark red pine to 120 BA. Don't cut white pine.											
<u>Specs:</u>											
<u>Next Step</u>											
<u>Treatments:</u>											
<u>Acceptable</u>											
<u>Regen:</u>											
<u>Other</u>											
<u>Comment:</u>											
<u>Site Condition</u>											
<u>Proposed Start Date:</u> 10/1 /2020											
<b>14</b>	<b>12003014-Cut</b>	57.5	4138 - Aspen (OI)	Poletimber Well	51	81-110	Harvest	Clearcut with Retention	4134 - Aspen, Spruce/Fir	Even-Aged	No
<u>Prescription</u> Cut all aspen and maple 2" DBH or greater. Cut all spruce, balsam, paper birch and cherry with two or more pulpwood sticks. No red or											
<u>Specs:</u> white pine or oak will be cut.											
<u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)											
<u>Treatments:</u>											
<u>Acceptable</u> Mix of aspen, spruce and balsam.											
<u>Regen:</u>											
<u>Other</u> Protect any small ponds that are found.											
<u>Comment:</u>											
<u>Site Condition</u>											
<u>Proposed Start Date:</u> 10/1 /2020											
<b>15</b>	<b>12003015-Cut</b>	6.5	4116 - Mixed N. Hardwood - Aspen	Poletimber Well	91	111- 140	Harvest	Group Selection	411 - Northern Hardwood	Even-Aged	No
<u>Prescription</u> Cut all aspen with one or more pulpwood stick. Mark paper birch in poor condition and other hardwood to 70 BA. No pine or oak will be cut.											
<u>Specs:</u>											
<u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)											
<u>Treatments:</u>											
<u>Acceptable</u> Mix of hardwoods, pine, fir and aspen.											
<u>Regen:</u>											
<u>Other</u>											
<u>Comment:</u>											
<u>Site Condition</u> Unknown Access											
<u>Proposed Start Date:</u> 10/1 /2020											

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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
<b>19 12003019-Cut</b>	27.0	4110 - Sugar Maple Association	Poletimber Well	53	111-140	Harvest	Single Tree Selection	411 - Northern Hardwood	Even-Aged	No
<p><u>Prescription</u> Mark hardwood to 70 BA. Cut all aspen, spruce, balsam and tamarack with two or more pulpwood sticks. No pine will be cut. Mark one large aspen per acre as wildlife leave tree when cruising stand.</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> Mix of hardwood, softwood and aspen.</p> <p><u>Regen:</u></p> <p><u>Other</u> Winter cut if nesting loons are found.</p> <p><u>Comment:</u></p> <p><u>Site Condition</u> Unknown Access</p> <p><u>Proposed Start Date:</u> 10/1 /2020</p>										
<b>20 12003020-Cut</b>	22.7	4134 - Aspen, Spruce/Fir	Sawtimber Well	61	81-110	Harvest	Clearcut with Retention	4134 - Aspen, Spruce/Fir	Even-Aged	No
<p><u>Prescription</u> Cut all aspen and mixed hardwood 2" DBH or greater. Cut all spruce, balsam and tamarack with two or more pulpwood stick. No cedar, hemlock, pine or oak will be cut.</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> Mix of aspen, spruce and pine.</p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2020</p>										
<b>23 12003023-Cut</b>	38.3	4116 - Mixed N. Hardwood - Aspen	Sawtimber Well	91	111-140	Harvest	Single Tree Selection	411 - Northern Hardwood	Even-Aged	No
<p><u>Prescription</u> Mark hardwood to 70 BA. Cut all aspen, balsam and spruce with two or more pulpwood stick. No pine, oak or black ash will be cut.</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> Mix of hardwood, softwood and aspen.</p> <p><u>Regen:</u></p> <p><u>Other</u> Protect any vernal ponds.</p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2020</p>										
<b>28 12003028-Cut</b>	18.8	42210 - Natural Red Pine	Sawtimber Well	91	141-170	Harvest	Single Tree Selection	42210 - Natural Red Pine	Even-Aged	No
<p><u>Prescription</u> Cut all aspen, mixed hardwood, except oak, spruce and balsam with two or more pulpwood stick. Mark red and white pine to 120 BA. Cut only white pine needed for operations. No oak will be cut.</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> Mix of pine, fir and aspen.</p> <p><u>Regen:</u></p> <p><u>Other</u> Winter cut if nesting loons are found.</p> <p><u>Comment:</u></p> <p><u>Site Condition</u> Unknown Access</p> <p><u>Proposed Start Date:</u> 10/1 /2020</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
<b>36 12003036-Cut</b>	35.0	4130 - Aspen	Sawtimber Well	57	81-110	Harvest	Clearcut with Retention	4134 - Aspen, Spruce/Fir	Even-Aged	No
<p><u>Prescription Specs:</u> Cut all aspen and mixed hardwood 2" DBH or larger, except oak and elm. Cut all spruce, balsam and tamarack with two or more pulpwood stick. Mark one cherry or large aspen per acre as wildlife leave tree when cruising stand. No red or white pine, cedar, hemlock, oak or elm will be cut.</p> <p><u>Next Step Treatments:</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Acceptable Regen:</u> Mix of aspen, spruce and balsam.</p> <p><u>Other Comment:</u> Winter cut if nesting loons are found.</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2020</p>										
<b>47 12003047-Cut</b>	13.3	4139 - Aspen, Mixed Deciduous	Sawtimber Well	91	81-110	Harvest	Clearcut with Retention	4136 - Aspen, Mixed Conifer	Even-Aged	No
<p><u>Prescription Specs:</u> Cut all aspen and mixed hardwood, except oak, 2" DBH or greater. Cut all spruce and balsam with two or more pulpwood stick. Mark one cherry or large aspen per acre as wildlife leave trees when cruising stand. No pine or oak will be cut.</p> <p><u>Next Step Treatments:</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Acceptable Regen:</u> Mix of aspen, pine and fir.</p> <p><u>Other Comment:</u> winter cut if nesting loons are found.</p> <p><u>Site Condition</u> Unknown Access</p> <p><u>Proposed Start Date:</u> 10/1 /2020</p>										
<b>52 12003052-Cut</b>	4.7	4133 - Aspen, Mixed Pine	Sawtimber Well	71	81-110	Harvest	Clearcut with Retention	4133 - Aspen, Mixed Pine	Even-Aged	No
<p><u>Prescription Specs:</u> Cut all aspen and mixed hardwood, except oak, that is 2" DBH of greater. Cut all spruce and balsam with two or more pulpwood sticks. No pine or oak will be cut.</p> <p><u>Next Step Treatments:</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Acceptable Regen:</u> Mix of aspen, pine and oak.</p> <p><u>Other Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2020</p>										
<b>53 12003053-Cut</b>	21.0	4130 - Aspen	Sawtimber Well	61	81-110	Harvest	Clearcut with Retention	4134 - Aspen, Spruce/Fir	Even-Aged	No
<p><u>Prescription Specs:</u> Cut all aspen and mixed hardwood 2" DBH or greater. Cut all spruce, balsam and tamarack with two or more pulpwood stick. No pine, cedar, hemlock or oak will be cut.</p> <p><u>Next Step Treatments:</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Acceptable Regen:</u> Mix of aspen and fir.</p> <p><u>Other Comment:</u> Mark out any wet areas.</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2020</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
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<b>54</b>	<b>12003054-Cut</b>	28.4	4130 - Aspen	Sawtimber Well	61	81-110	Harvest	Clearcut with Retention	4136 - Aspen, Mixed Conifer	Even-Aged	No
<p><u>Prescription</u> Cut all aspen and mixed hardwood, except oak, 2" DBH or greater. Cut all spruce and balsam with two or more pulpwood sticks. Mark one large aspen, birch or cherry per acre as wildlife leave trees when cruising stand. No pine or oak will be cut.</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> Mix of aspen, fir and pine.</p> <p><u>Regen:</u></p> <p><u>Other</u> Leave travel corridor along stand 29.</p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2020</p>											

<b>68</b>	<b>12003068-Cut</b>	2.3	6121 - Tamarack	Poletimber Well	71	81-110	Harvest	Clearcut with Retention	6121 - Tamarack	Even-Aged	No
<p><u>Prescription</u> Cut all trees with one or more pulpwood sticks, except cedar. No cedar, hemlock or pine will be cut.</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> Mix of tamarack and black spruce.</p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2020</p>											

<b>72</b>	<b>12003072-Cut</b>	4.4	4140 - Other Upland Deciduous	Sawtimber Well	63	81-110	Harvest	Clearcut with Retention	4136 - Aspen, Mixed Conifer	Even-Aged	No
<p><u>Prescription</u> Cut all aspen, balm and mixed hardwood, except oak and black ash, 2" DBH or greater. Cut all spruce and balsam with two or more pulpwood sticks. Mark one large aspen or birch per acre as wildlife leave tree when cruising stand. No pine, black ash or oak will be cut.</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> Mix of aspen, pine, fir and oak.</p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2020</p>											

<b>74</b>	<b>12003074-Cut</b>	6.3	42110 - Planted Red Pine	Poletimber Well	63	141-170	Harvest	Crown Thinning	4211 - Planted Red Pine	Even-Aged	No
<p><u>Prescription</u> Mark red pine to 120 BA. Leave spruce and balsam less than two sticks.</p> <p><u>Specs:</u></p> <p><u>Next Step</u></p> <p><u>Treatments:</u></p> <p><u>Acceptable</u></p> <p><u>Regen:</u></p> <p><u>Other</u> Winter cut if nesting loons are found.</p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2020</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
402 12003402-NF	22.3	320 - Upland Shrub	Nonstocked		Unspecified	NonForestMgt	Other - Specify	3102 - Grass		No
<p><u>Prescription</u> WLD opening maintenance</p> <p><u>Specs:</u></p> <p><u>Next Step</u></p> <p><u>Treatments:</u></p> <p><u>Acceptable</u></p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2020</p>										

Total Treatment Acreage Proposed: 413.4



## Report 4 – Site Conditions

Crystal Falls Mgt. Unit

Scott Sebero : Examiner

Compartment: 3

Year of Entry: 2021



### Availability for Management

Total Acres	Acres Available	Acres Avail		Acres Not Available		Dominant Site Conditions								
		With Condition				2B	5C	5F	2G	2H	2J	3J	3L	
1138	912	220		5	Aspen	13	207					4	1	
3	3	0		0	Cedar									
39	39	0		0	Lowland Conifers									
10	0	0		10	Lowland Deciduous				10					
36	36	0		0	Lowland Shrub									
103	98	0		5	Lowland Spruce/Fir								5	
25	0	0		25	Mixed Upland Deciduous								25	
146	112	34		0	Northern Hardwood	34								
9	0	0		9	Oak									9
5	4	0		1	Paper Birch								1	
102	39	51		13	Red Pine	11		39		11			2	
22	12	10		0	Tamarack			10						
342	342	0		0	Treed Bog									
31	31	0		0	Upland Shrub									
13	13	0		0	Urban	0								
54	54	0		0	Water									
21	21	0		0	White Pine									
2,098	1,716	315		67	Total Forested Acres	58	207	50	10	11	4	33	9	
	82%	15%		3%	Relative Percent									

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

Site No.	Dominant Site Cond Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
1	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	5	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
2	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	1	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> 100 foot buffer for Floodwood Lake.							

## Report 4 – Site Conditions

Crystal Falls Mgt. Unit  
 Scott Sebero : Examiner

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 Year of Entry: 2021



3	<b>Available</b>	2B: Unknown if access through adjacent landowner(s) is possible	7	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
4	<b>Unavailable</b>	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	11	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
5	<b>Available</b>	2B: Unknown if access through adjacent landowner(s) is possible	13	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
6	<b>Unavailable</b>	3J: Water quality / BMPs (stream, river, or lake)	28	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> Buffer along Michigamme River.							
7	<b>Available</b>	2B: Unknown if access through adjacent landowner(s) is possible	12	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
8	<b>Available</b>	2B: Unknown if access through adjacent landowner(s) is possible	27	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							

## Report 4 – Site Conditions

Crystal Falls Mgt. Unit  
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9	Available	5F: Evaluated for Forest Health Considerations	14	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
10	Unavailable	2J: Blocked by Railroad	4	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
11	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	85	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
12	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	10	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
13	Unavailable	3L: Other wildlife concerns	9	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
14	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	68	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							

## Report 4 – Site Conditions

Crystal Falls Mgt. Unit  
 Scott Sebero : Examiner

Compartment: 3  
 Year of Entry: 2021



15	<b>Available</b>	<b>5F: Evaluated for Forest Health Considerations</b>	11	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
16	<b>Available</b>	<b>5F: Evaluated for Forest Health Considerations</b>	25	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
17	<b>Available</b>	<b>5C: Delay treatment for age/size class diversity or exceptional site quality</b>	55	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							

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.

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SCA Name	SCA Category	Detail Type	Recommendation	Acres
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**Comments**

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**Report 6 – EXISTING SPECIAL CONSERVATION AREA DETAILS**

\* This is a list of SCA's for this compartment along with a 1/4 mile buffer surrounding the compartment. Refer to the Special Conservation Area Map for locations of the below listed Conservation Areas.

ERA = Ecological Reference Area  
 HCVA = High Conservation Value Area  
 SCA = Special Conservation Area

Conservation Area	Type	Description
SCA	Habitat Area	An area that provide some specific need for the life cycle of wildlife species, including State Wildlife Areas and Waterfowl Production Areas, deer wintering complexes in lowland conifer communities, grassland openings and savannas. Habitat areas are distinct from critical habitat designated for recovery of endangered or threatened species (such as Kirtland's warbler or piping plover areas) in that they are more general in nature, are not primarily associated with threatened or endangered species, and are not covered by species recovery plans that are developed in cooperation with Federal agencies.



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																					
1	42210 - Natural Red Pine	Sawtimber Well	16.4	91	111-140	N/A																																						
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3	6124 - Lowland Spruce-Fir	Poletimber Medium	38.5	71	51-80	N/A																																						
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7	4130 - Aspen	Poletimber Well	30.7	38	81-110	N/A	Permit Number 10-82. 1982.																																					
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8	4112 - Maple, Beech, Cherry Association	Poletimber Well	31.3	91	51-80	N/A	Follow up with regeneration check.(2009) Select cut in 2014 with Floodwood Mix sale																																					
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9	42110 - Planted Red Pine	Sawtimber Well	22.4	63	141-170	N/A																																							
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10	4130 - Aspen	Sapling Well	42.8	6	Immature	N/A	Silver Selection t- sale. 2014																																						
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11	4130 - Aspen	Poletimber Well	32.0	38	81-110	N/A	t-sale 72-80 1982.																																						
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14	4138 - Aspen (OI)	Poletimber Well	125.0	51	81-110	N/A	OPIC - FMD: OI Stand Year Origin was 1969																																						
15	4116 - Mixed N. Hardwood - Aspen	Poletimber Well	6.5	91	111-140	N/A	Aspen falling apart.																																						
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16	42210 - Natural Red Pine	Sawtimber Medium	25.2	88	81-110	N/A	Silver Lake Selection t-sale.																																						
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments		
17	4130 - Aspen	Poletimber Well	85.7	33	51-80	N/A	Edger Lake Sale. 1987		
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>
Quaking Aspen		95	Pole/Sapling	6	33	Hazelnut (American)	Low	5 - 10 feet	Tall Shrub
18	42200 - Natural White Pine	Sawtimber Well	13.4	91	111-140	N/A	BUFFER TO EDEY LAKE.		
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>
White Pine		85	Log/Pole/Sap	16	91	Hazelnut (American)	Low	5 - 10 feet	Tall Shrub
						White Spruce	Low	Variable	Sapling
19	4110 - Sugar Maple Association	Poletimber Well	27.0	53	111-140	N/A			
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>
Bigtooth Aspen		20	Log/Pole	10	53	White Spruce	Low	10 - 20 feet	Sapling
Sugar Maple		60	Pole/Log/Sap	8	53				
Basswood		20	Log/Pole	10					
20	4134 - Aspen, Spruce/Fir	Sawtimber Well	22.7	61	81-110	N/A	Pockets of pole sized aspen, mainly along road.		
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>
White Spruce		20	Log/Pole/Sap	10		White Spruce	Low	Variable	Sapling
Quaking Aspen		80	Log/Pole	10	61				
21	4130 - Aspen	Sapling Well	18.8	18	Immature	N/A	Sportsman's Sale 2002		
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>
Red Maple		10	Sapling	2		Hazelnut (American)	Medium	5 - 10 feet	Tall Shrub
Quaking Aspen		90	Sapling	2	18				
22	4110 - Sugar Maple Association	Sawtimber Well	24.2	91	81-110	N/A	OPIC - FMD: Follow up with regeneration check. Stand harvested with Sportsmans sale #12-010-10-01 in 2013.		
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>
Sugar Maple		60	Log/Pole/Sap	10	91	Ironwood	Medium	10 - 20 feet	Sapling
Basswood		30	Log/Pole	12		Blackberry/Raspberry	Low	5 - 10 feet	Tall Shrub
23	4116 - Mixed N. Hardwood - Aspen	Sawtimber Well	29.4	91	111-140	N/A	Areas of blow down. Some areas where blow down has been harvested.		
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>
Paper Birch		15	Pole/Log	8		Leatherwood	Low	5 - 10 feet	Tall Shrub
Quaking Aspen		20	Log/Pole	10					
Basswood		15	Log/Pole	10					
Sugar Maple		50	Log/Pole/Sap	10	91				



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments		
24	4110 - Sugar Maple Association	Sawtimber Well	18.7	91	81-110	N/A			
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>
Paper Birch		15	Log/Pole	10		Leatherwood	Low	5 - 10 feet	Tall Shrub
Basswood		15	Log/Pole	10					
Sugar Maple		70	Log/Pole/Sap	10	91				
25	4130 - Aspen	Poletimber Well	46.9	36	51-80	N/A	sale 51-81 1984		
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>
Quaking Aspen		95	Pole/Sapling	6	36	White Spruce	Low	Variable	Sapling
26	4130 - Aspen	Poletimber Well	5.8	44	81-110	N/A	Permit Number 10-76A. 1976		
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>
Quaking Aspen		90	Pole/Log/Sap	8	44	Hazelnut (American)	Medium	5 - 10 feet	Tall Shrub
Red Maple		10	Pole/Log/Sap	8					
27	4130 - Aspen	Sapling Well	40.1	6	Immature	N/A	Harvested 2014 with Floodwood Mix sale		
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>
Quaking Aspen		95	Sapling	1	6	Hazelnut (American)	Medium	5 - 10 feet	Tall Shrub
28	42210 - Natural Red Pine	Sawtimber Well	18.8	91	141-170	N/A			
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>
Quaking Aspen		15	Log/Pole	10	91	Hazelnut (American)	Medium	5 - 10 feet	Tall Shrub
Red Pine		70	Log/Pole/Sap	12	91				
29	622 - Lowland Shrub	Nonstocked	16.7		Unspecified	No	OPIC - FMD: OI Stand Year Origin was		
31	500 - Water	Nonstocked	18.4		Unspecified	No	OPIC - FMD: LITTLE DOAN'S LAKE		
32	500 - Water	Nonstocked	7.4		Unspecified	No	OPIC - FMD: DOAN'S LAKE		
33	500 - Water	Nonstocked	11.9		Unspecified	No	OPIC - FMD: EDGAR LAKE		
34	42210 - Natural Red Pine	Sawtimber Well	6.0	91	141-170	N/A			
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>
Red Pine		90	Log/Pole	14	91	White Spruce	Low	Variable	Sapling



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments		
36	4130 - Aspen	Sawtimber Well	35.0	57	81-110	N/A	OPIC - FMD: OI Stand Year Origin was 1963. Pockets of blow down.		
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>
White Spruce		10	Pole/Log/Sap	8		Hazelnut (American)	Medium	5 - 10 feet	Tall Shrub
Red Maple		10	Pole/Log/Sap	8					
Quaking Aspen		75	Log/Pole	10	57				
37	42200 - Natural White Pine	Sawtimber Well	7.7	91	111-140	N/A	Aspen cut out of western clump.		
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>
White Pine		70	Log/Pole/Sap	14	91	Quaking Aspen	Medium	10 - 20 feet	Sapling
Quaking Aspen		10	Log/Pole	10		Red Maple	Low	10 - 20 feet	Sapling
						Hazelnut (American)	Medium	5 - 10 feet	Tall Shrub
39	6224 - Treed Bog	Nonstocked	81.9		Unspecified	No	OPIC - FMD: OI Stand Year Origin was		
40	6122 - Black Spruce	Poletimber Well	5.8	71	81-110	N/A			
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>
Black Spruce		85	Pole/Sapling	6	71	Tag Alder	Medium	5 - 10 feet	Tall Shrub
Tamarack		10	Pole/Sap/Log	8					
41	6224 - Treed Bog	Nonstocked	53.0		Unspecified	No	OPIC - FMD: OI Stand Year Origin was		
42	4134 - Aspen, Spruce/Fir	Poletimber Well	16.2	38	81-110	N/A	Permit Number 10-82. 1982.		
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>
Quaking Aspen		65	Pole/Sapling	6	38	Hazelnut (American)	Medium	5 - 10 feet	Tall Shrub
Balsam Fir		20	Pole/Sapling	6					
White Spruce		10	Pole/Sapling	6					
43	6122 - Black Spruce	Poletimber Well	4.5	71	51-80	N/A	Narrow ring around pond.		
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>
White Pine		15	Log/Pole/Sap	10		Black Spruce	Medium	Variable	Sapling
Black Spruce		80	Pole/Sapling	6	71				
44	4191 - Mixed Upland Deciduous with Conifer	Sawtimber Medium	24.6	71	51-80	N/A	BUFFER TO MICHIGAMME RIVER.		
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>
Red Maple		40	Log/Pole/Sap	10	71	Red Maple	Medium	Variable	Sapling
Balsam Fir		15	Pole/Sap/Log	8	71				
White Spruce		10	Log/Pole/Sap	10	71				
White Pine		10	Log/Pole/Sap	12					
Quaking Aspen		20	Log/Pole	10	71				



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																												
45	500 - Water	Nonstocked	8.5	0	Unspecified	No	MICHIGAMME RIVER.																												
46	6121 - Tamarack	Poletimber Medium	9.6	51	51-80	N/A																													
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47	4139 - Aspen, Mixed Deciduous	Sawtimber Well	13.3	91	81-110	N/A																													
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48	622 - Lowland Shrub	Nonstocked	12.9		Unspecified	No	OPIC - FMD: OI Stand Year Origin was																												
49	4130 - Aspen	Sapling Well	35.1	15	Immature	N/A	Doans Sale 2005.																												
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51	500 - Water	Nonstocked	0.6	0	Unspecified	No	Small unnamed lake.																												
52	4133 - Aspen, Mixed Pine	Sawtimber Well	4.6	71	81-110	N/A																													
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53	4130 - Aspen	Sawtimber Well	21.0	61	81-110	N/A	Permit Number 49-70. 1970 Partially cut under this permit. pockets of younger trees along road.																												
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
<b>54</b>	4130 - Aspen	Sawtimber Well	28.4	61	81-110	N/A	Scattered log sized red pine. Larger spruce are mostly dead.
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	
Quaking Aspen		40	Log/Pole	12	61	White Spruce	
Bigtooth Aspen		30	Log/Pole	12	61	Density	
Paper Birch		15	Log/Pole	10		Avg. Height	
Red Maple		10	Log/Pole/Sap	10		Size	
						Sapling	
<b>55</b>	4130 - Aspen	Poletimber Well	45.7	44	81-110	N/A	Permit Number 25-72A. 1976
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	
Red Maple		10	Pole/Sap/Log	8		Hazelnut (American)	
Quaking Aspen		90	Pole/Sap/Log	8	44	Density	
						Avg. Height	
						Size	
						Tall Shrub	
<b>56</b>	4130 - Aspen	Poletimber Well	54.9	49	81-110	N/A	Pole sized white spruce almost all dead. Pocket of white pine around small V0 stand in SW part of stand. Permit Number 9-71 1971.
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	
Quaking Aspen		95	Pole/Sap/Log	8	49	White Spruce	
						Density	
						Avg. Height	
						Size	
						Sapling	
<b>57</b>	4119 - Mixed Northern Hardwoods	Sawtimber Well	8.9	91	141-170	N/A	Thinned in 2002. Railroader sale.
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	
Sugar Maple		60	Log/Pole/Sap	10	91	Ironwood	
Basswood		15	Log/Pole	10		Density	
Red Maple		10	Log/Pole/Sap	10		Avg. Height	
Paper Birch		10	Log/Pole	10		Size	
						Sapling	
						Sapling	
<b>58</b>	4131 - Aspen, Oak	Sapling Well	15.5	6	Immature	N/A	Harvested 2014 with Floodwood Mix sale.
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	
Red Maple		20	Sapling	1	6	Hazelnut (American)	
Red Oak		30	Sapling	1	6	Density	
Quaking Aspen		45	Sapling	1	6	Avg. Height	
						Size	
						Tall Shrub	
<b>59</b>	6122 - Black Spruce	Poletimber Medium	8.7	71	51-80	N/A	
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	
Tamarack		10	Pole/Log/Sap	8		Tag Alder	
Black Spruce		85	Pole/Sap/Log	8	71	Density	
						Avg. Height	
						Size	
						Tall Shrub	
<b>60</b>	4130 - Aspen	Poletimber Well	31.6	37	51-80	N/A	OPIC - FMD: OI Stand Year Origin was 1983
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	
Quaking Aspen		95	Pole/Sapling	6	37	Hazelnut (American)	
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						Avg. Height	
						Size	
						Tall Shrub	



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																												
<b>61</b>	6122 - Black Spruce	Poletimber Poor	7.2	71	1-50	N/A	Very wet. Edge of stand has larger trees up to 8" DBH. Center is very sparse and has Labrador Tea understory.																												
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<b>64</b>	6115 - Lowland Ash	Poletimber Medium	9.9	71	51-80	N/A																													
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<b>67</b>	6122 - Black Spruce	Poletimber Poor	31.6	71	1-50	N/A	Borders Edger Lake.																												
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<b>69</b>	42210 - Natural Red Pine	Sawtimber Well	7.1	91	111-140	N/A																													
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																				
70	3205 - Mixed Upland Shrub	Nonstocked	6.8	0	Unspecified	No	Power Line.																																				
71	6121 - Tamarack	Poletimber Well	10.5	61	51-80	N/A																																					
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72	4140 - Other Upland Deciduous	Sawtimber Well	5.1	63	81-110	N/A	balsam and spruce impacted by spruce budworm.																																				
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Balsam Fir	10	Log/Pole/Sap	10																																								
73	4130 - Aspen	Sawtimber Well	4.0	91	81-110	N/A	Narrow strip between lake and railroad track. Will convert to maple.																																				
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74	42110 - Planted Red Pine	Poletimber Well	6.3	63	141-170	N/A																																					
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75	6120 - Lowland Cedar	Poletimber Well	2.7	71	81-110	N/A																																					
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76	122 - Road/Parking Lot	Nonstocked	12.6	0	Unspecified	No	Railroad track.																																				
78	6220 - Alder/willow	Nonstocked	6.9		Unspecified	No																																					
79	6224 - Treed Bog	Nonstocked	8.3		Unspecified	No	Boarders Floodwood Lakes.																																				
80	500 - Water	Nonstocked	2.5		Unspecified	No	Bog pond.																																				
401	320 - Upland Shrub	Nonstocked	2.2		Unspecified	No	OPIC - FMD: OI Stand Year Origin was																																				
402	320 - Upland Shrub	Nonstocked	18.5		Unspecified	No																																					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
403	320 - Upland Shrub	Nonstocked	3.7		Unspecified	No	OPIC - FMD: OI Stand Year Origin was