



# Compartment Review Presentation

## Crystal Falls Forest Management Unit

Compartment 12059

Entry Year 2020

Acreage: 2,147

County Dickinson

Management Area: Ralph Ground Moraine

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**Revision Date:** 2018-08-16

**Stand Examiner:** Deb Goupell

**Legal Description:**

T43N R29W Sec 36  
T42N R29W Sec 1  
T43N R28W Sec 31,32  
T42N R28W Sec 5-7

**Identified Planning Goals:**

Maintain age class diversity of aspen, improve quality of hardwood stands, manage for wildlife and fisheries habitats around the Gene's Pond as well as for general recreation.

**Soil and topography:**

Uplands are primarily sandy loams with rolling hills, lowlands with mucks, and rocky outcrops.

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

Predominantly State owned and surrounded except on the east/southeast which is private. Some private parcels within the compartment.

**Unique Natural Features:**

Gene's Pond, East Branch of the Sturgeon River.

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

None

**Special Management Designations or Considerations:**

**Watershed and Fisheries Considerations:**

This compartment contains Gene's Pond, a portion of the East Branch of the Sturgeon River and Mud Lake (drains eventually into Pickerel Lake). The upper stretch of the EB of the Sturgeon above Gene's Pond is a designated Type 1 trout stream, however the portion that flows out of Gene's Pond and through this compartment is not. Therefore, a 100' buffer plus 5' per 1% increase in slope for all waterbodies is recommended.

**Wildlife Habitat Considerations:**

This Compartment contains both DWC and Wildlife Purchased lands. This compartment fall within the Ralph Ground Moraine MA with featured species including American woodcock, black bear, northern goshawk, ruffed grouse and deer. The focus of this compartment is riparian habitat, primarily mature forest condition in and around the impoundment that provides structure and refuge for cavity/nesting and perching for waterfowl, eagles, osprey, loons, black-backed woodpeckers and herons. Providing conifer thermal cover in the lowlands and conifer as a component in the uplands to access forage is critical for wintering deer.

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

Active sand/gravel pits are not located in the area, and sand & gravel potential within the compartment appears to be limited due to shallow bedrock. There may be some bedrock non-metallic mineral potential from the Randville Dolomite within the compartment. There is no history of metallic mineral mining in this area, but there has been past leasing activity and considerable iron ore exploration in the area. Metallic mineral potential beneath the compartment is considered low at this time. There is no economic oil and gas production in the UP. The state does not own all of the mineral rights within the compartment. Private mineral rights owners must be allowed reasonable access to the land should they choose to explore and/or develop the minerals.

**Vehicle Access:**

The Leeman Road and Dixon Road are paved county roads, Gene's Pond Road is a gravel road that accesses the Pond, campground and boat landing; other two-tracks also access the majority of the compartment.

**Survey Needs:**

Some corners will likely be needed.

**Recreational Facilities and Opportunities:**

Camping, fishing, boating, hunting, birding, trapping.

**Fire Protection:**

Felch protection area.

**Additional Compartment Information:**

Compartment was previously designated as a State Game Wildlife Management Area, which has since been agreed to decommission from this title as Wildlife no longer maintains this as a state game area.

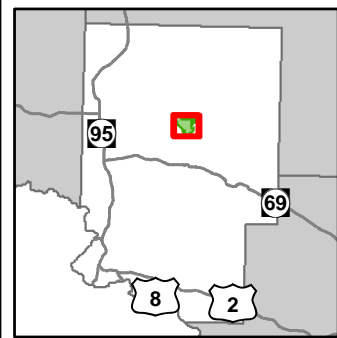
**The following reports from the Inventory are attached:**

- 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:**

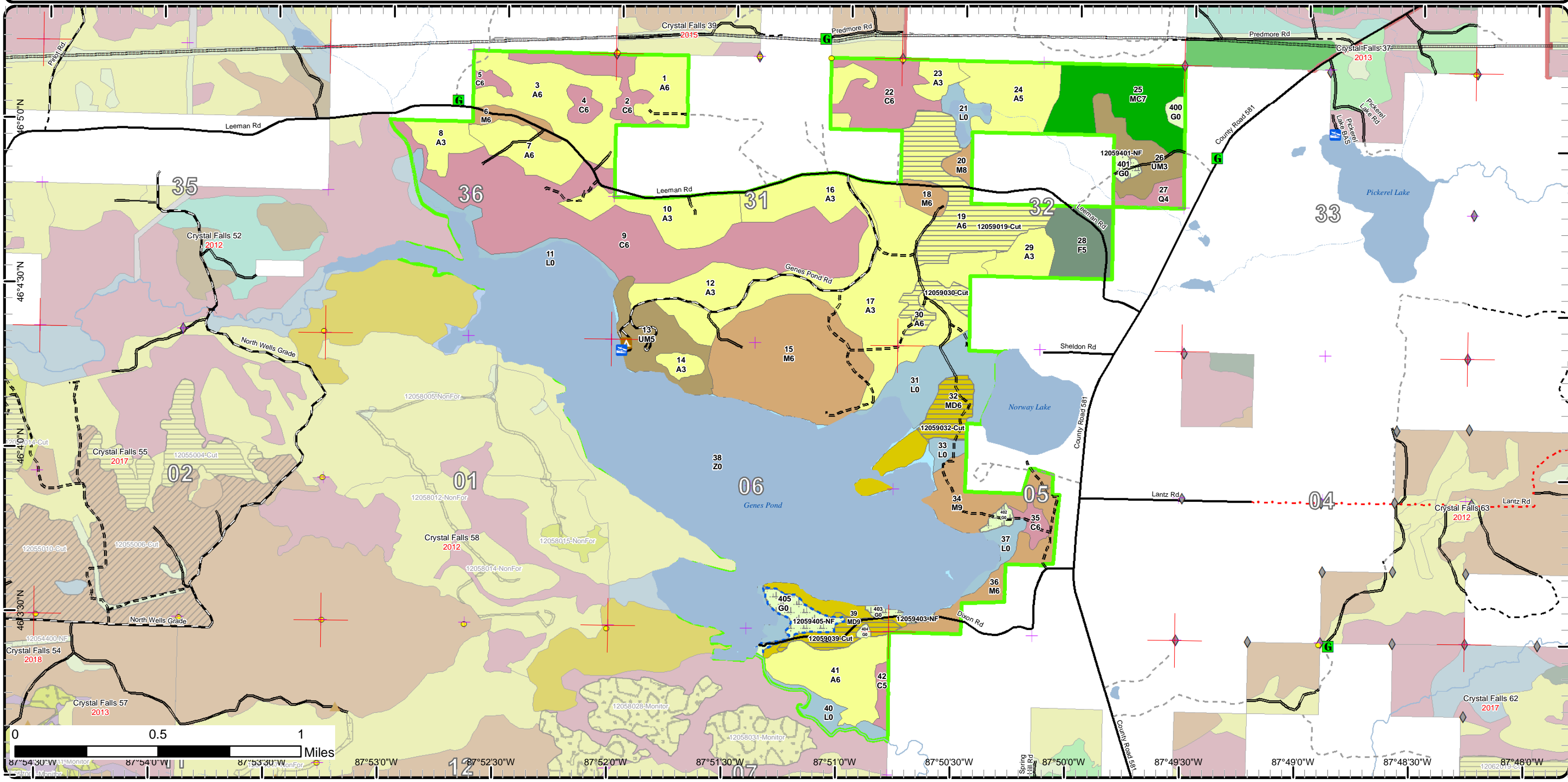
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

# Cover Type & Treatments Map

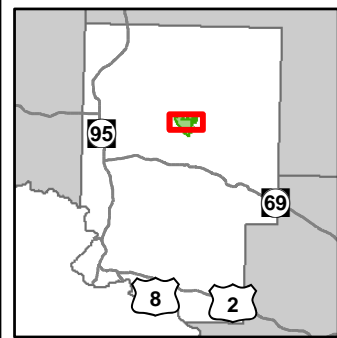


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 T43N, R28W, Sec. 31, 32  
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 County: Dickinson  
 Unit: Crystal Falls  
 Mgmt Area: Ralph Ground  
 Moraine  
 YOE: 2020  
 Acres: 2,147 GIS Calculated  
 Examiner: Deb Goupell  
 Map Revised: 12/17/2018

- Miris Corners
- + Remonumented Section Corners
- Survey Grade Corners
- ◆ Field Grade Corners
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- Boating Access Site
- ▲ Campground
- Intermittent Stream
- Island in Lake or River
- Lake/Pond
- Perennial River
- Lakes and Rivers All
- Pipeline
- Compartment Boundary
- Treatments with Site Conditions
- Other Treatment - See Comments
- Clearcut (w/Reserves)
- 411 - Northern Hardwood
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 422 - Natural Pines
- 423 - Other Upland Conifers
- 430 - Upland Mixed Forest
- 612 - Lowland Coniferous Forest
- 310 - Herbaceous Openland
- 500 - Water
- 622 - Lowland Shrub
- Lakes

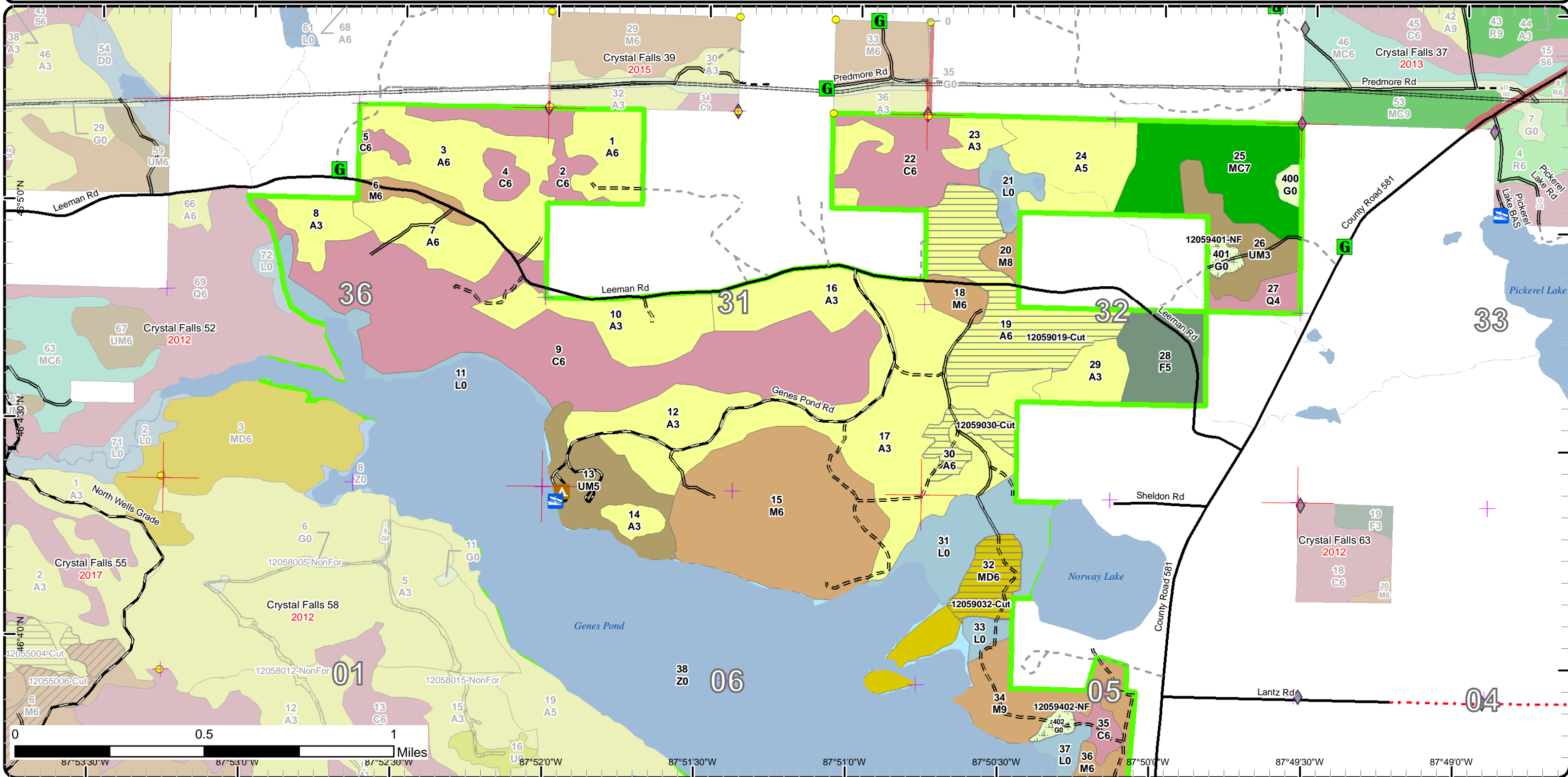


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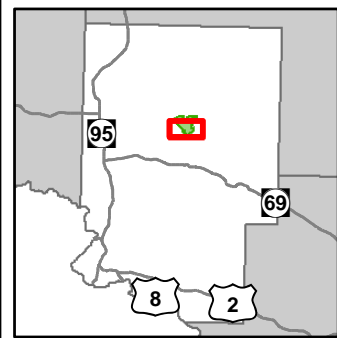
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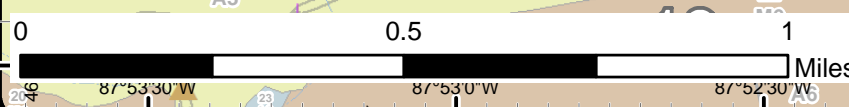
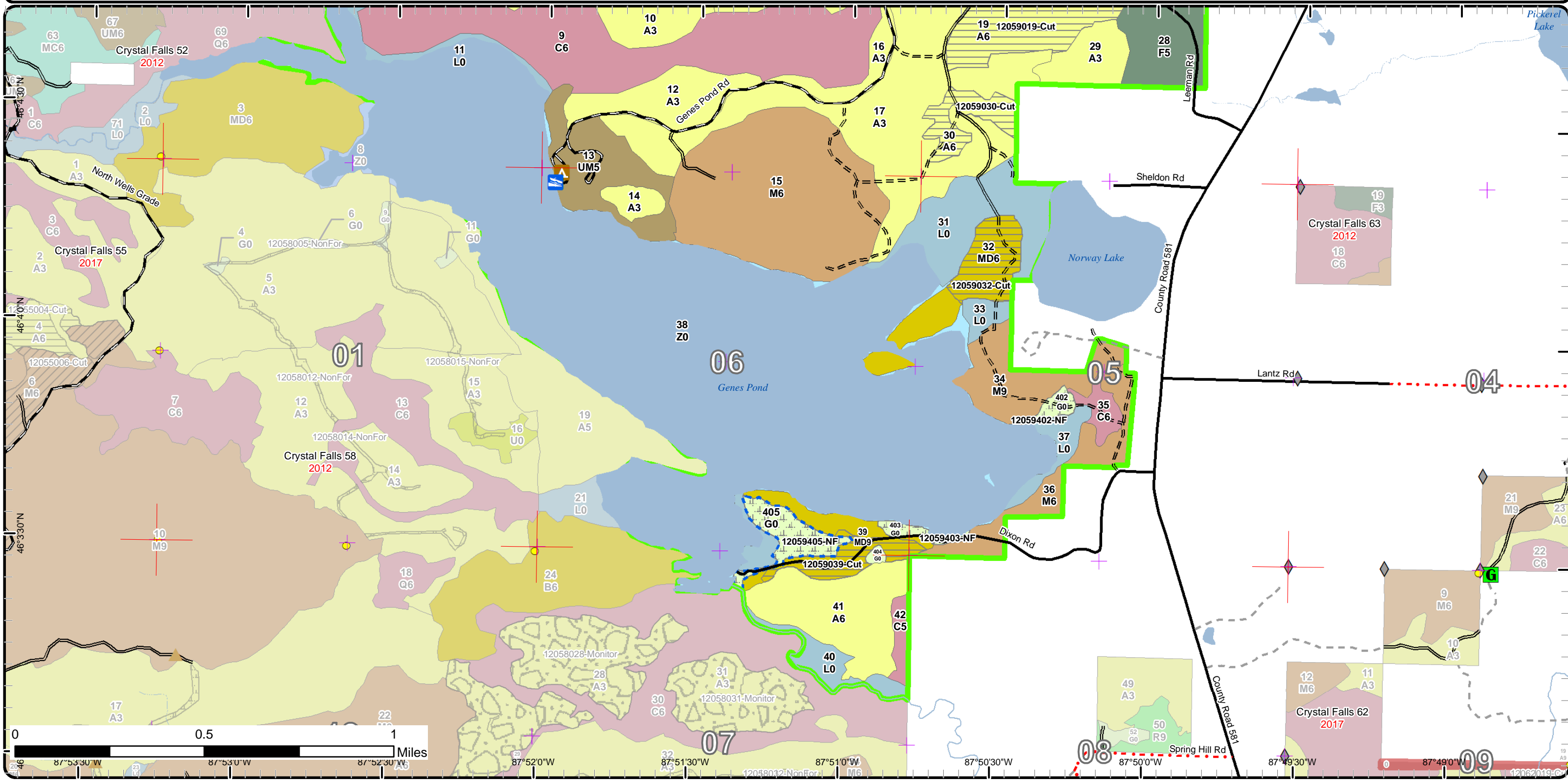


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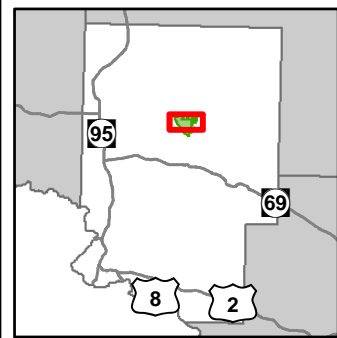
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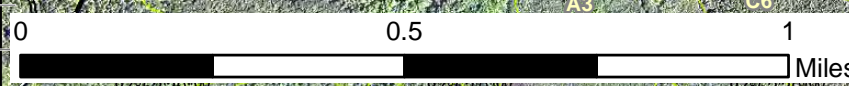
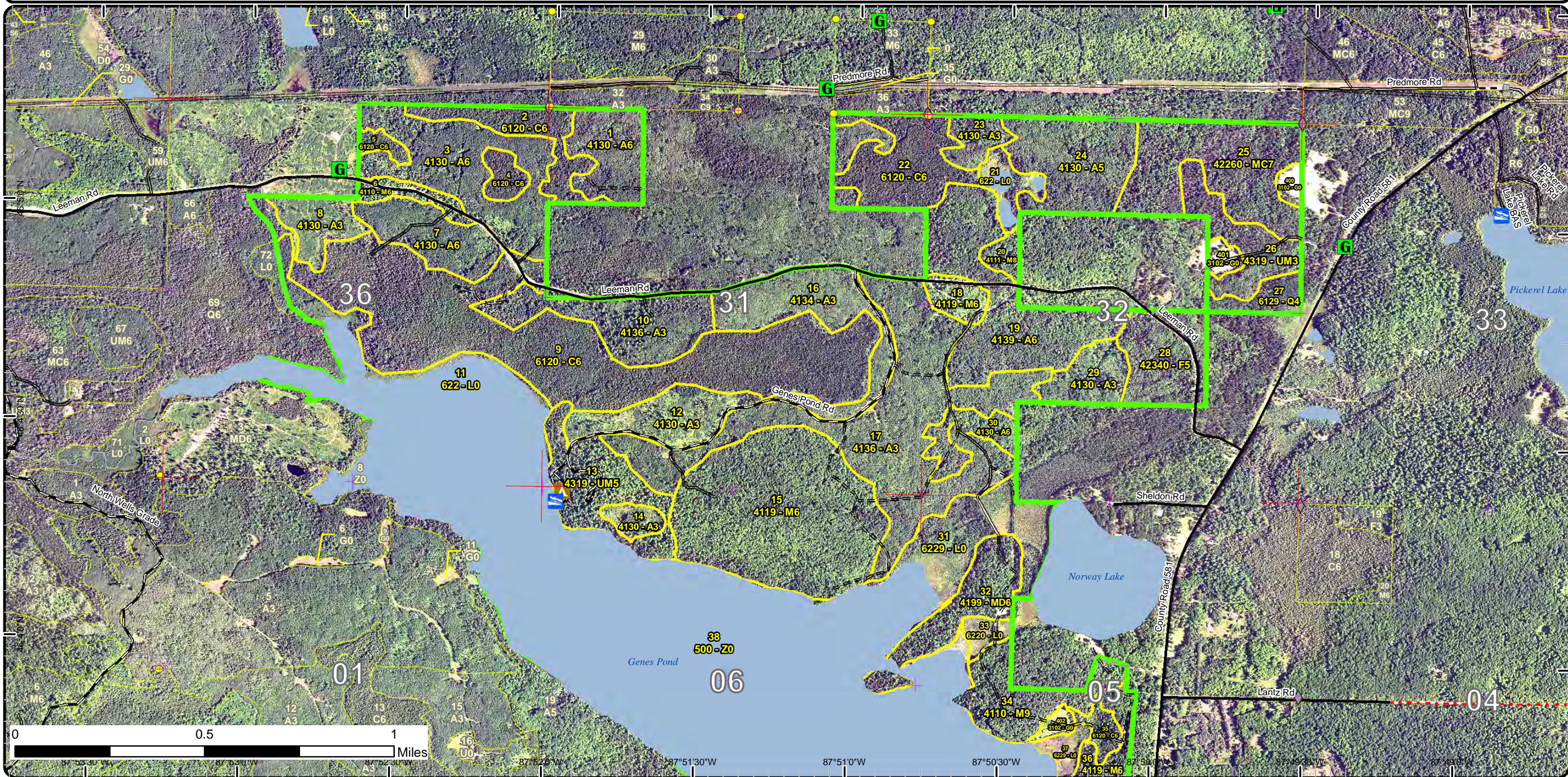


# Stand Boundary Map



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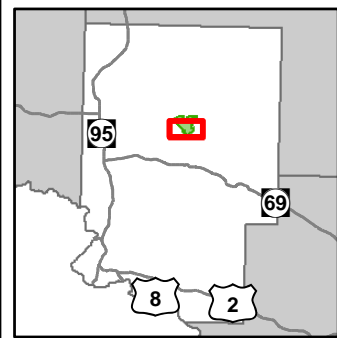


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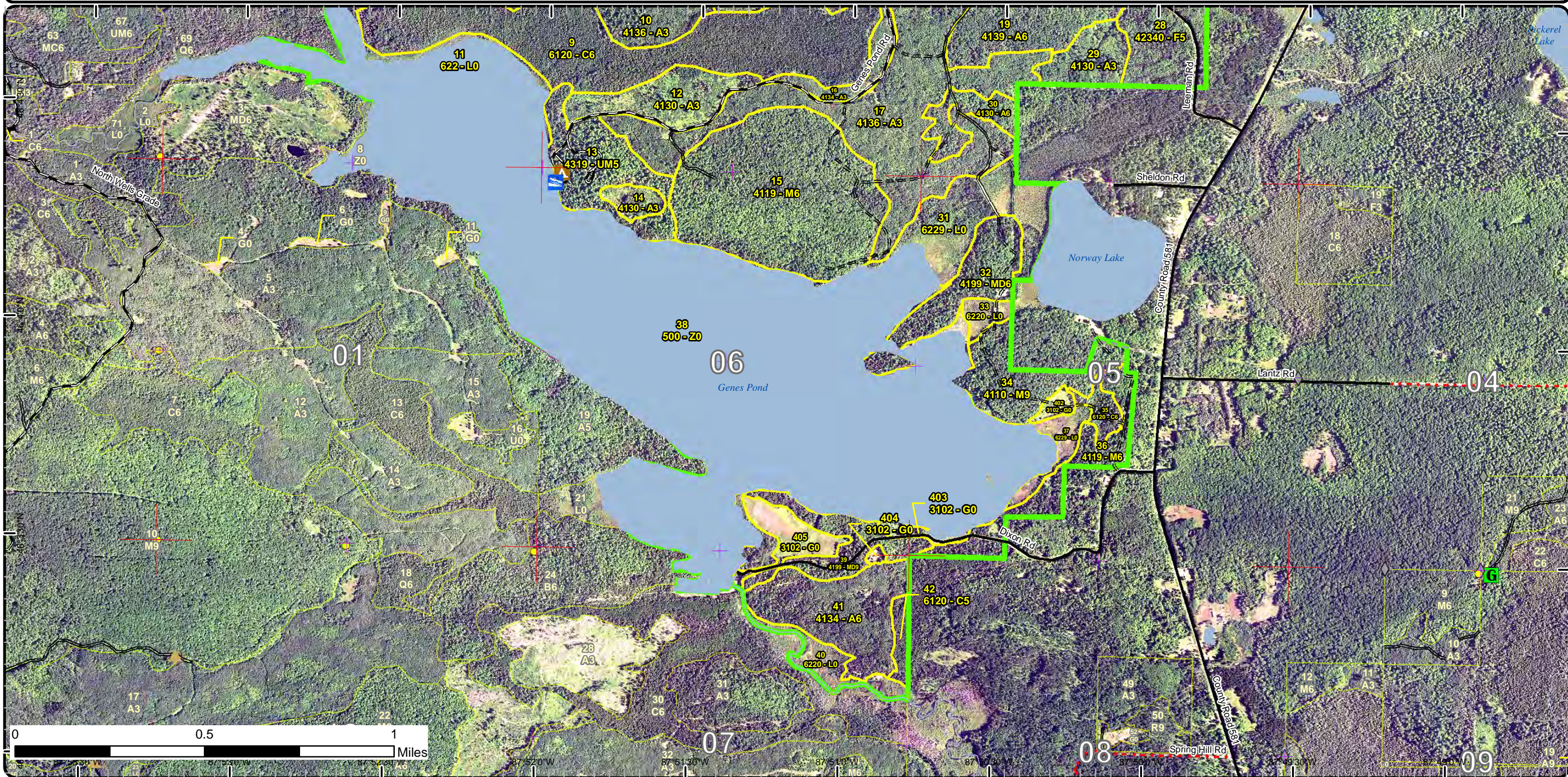


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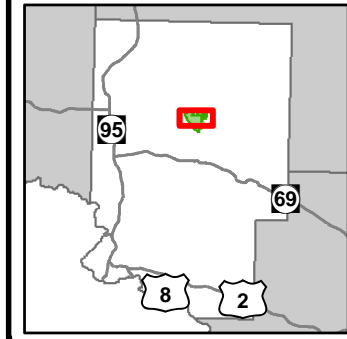


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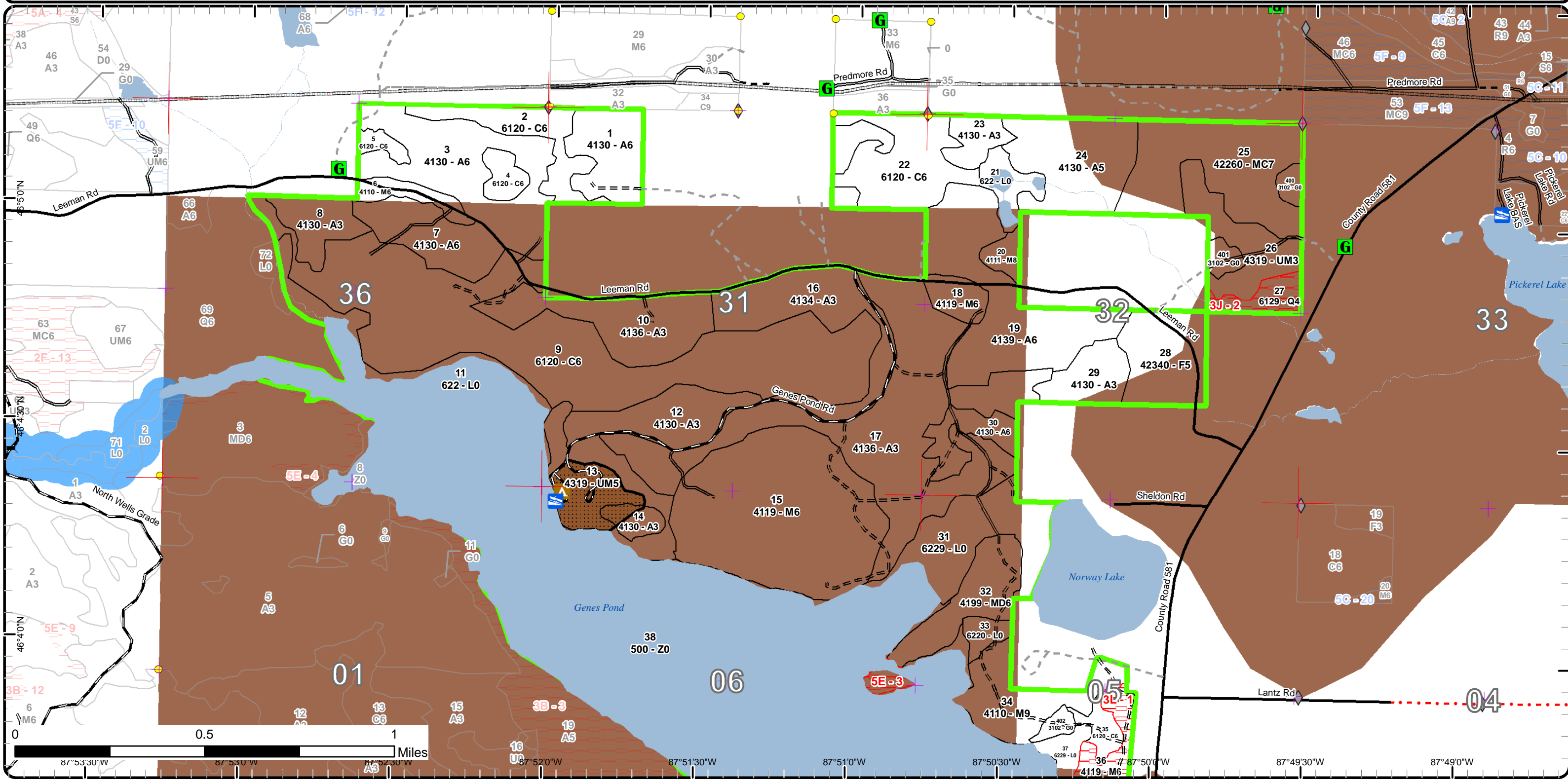


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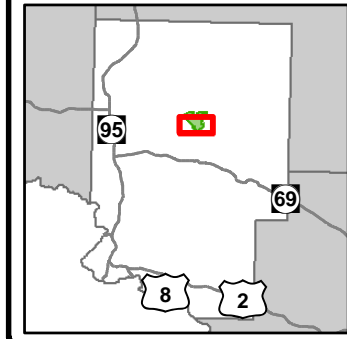
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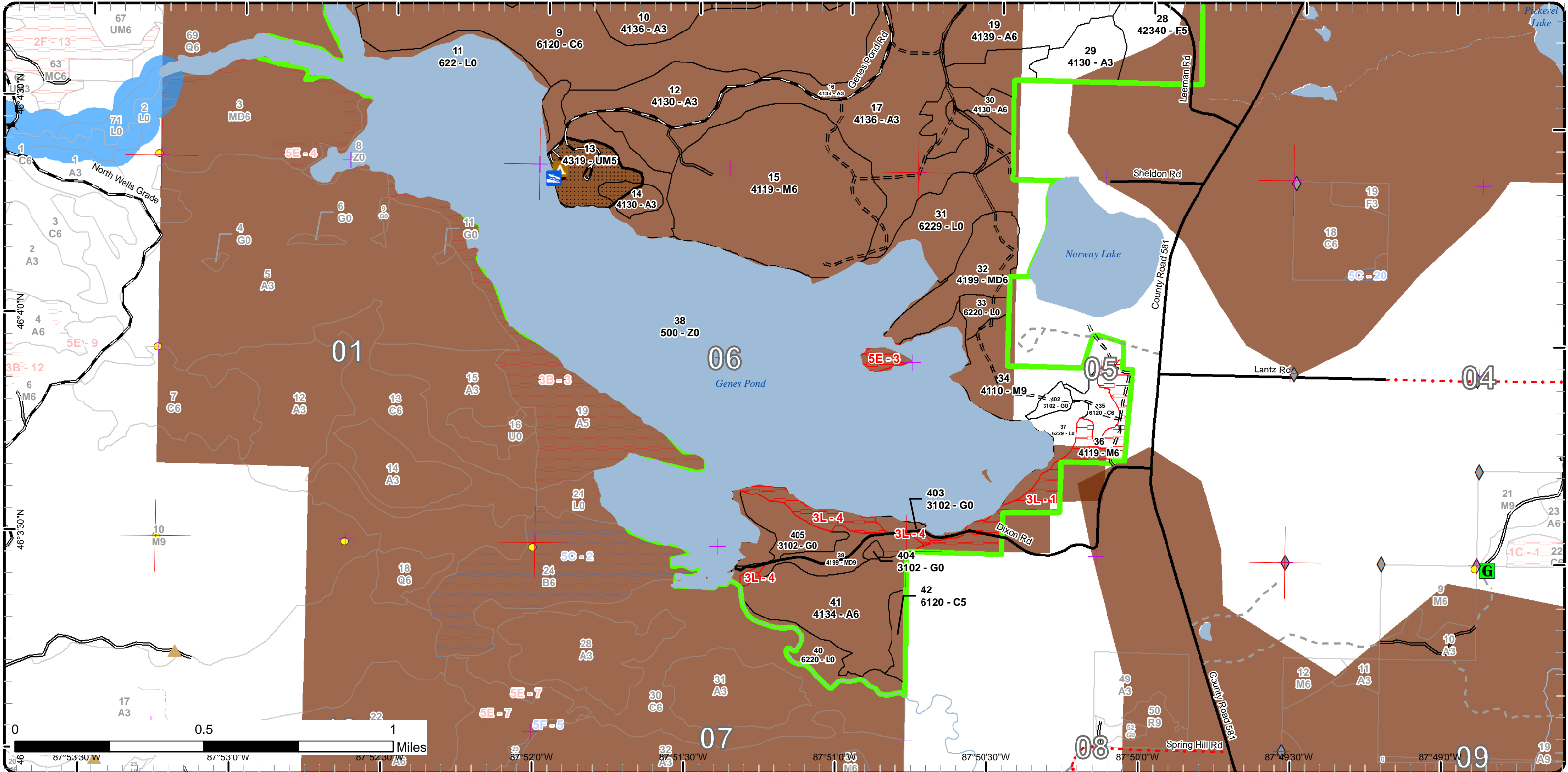


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Report 1 – Total Acres by Cover Type and Age Class



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	56	47	221	171	47	88	0	0	0	0	0	0	0	0	0	0	0	630
Cedar	0	0	0	0	0	0	0	6	0	48	232	0	0	0	0	0	0	0	286
Herbaceous Openland	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	33
Lowland Conifers	0	0	0	0	0	0	0	0	0	11	0	0	0	0	0	0	0	0	11
Lowland Shrub	139	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	139
Mixed Upland Deciduous	0	0	0	0	0	0	0	0	0	26	34	0	0	0	0	0	0	0	60
Natural Mixed Pines	0	0	0	0	0	0	0	0	0	0	65	0	0	0	0	0	0	0	65
Northern Hardwood	0	0	0	0	0	0	0	0	0	0	16	0	0	0	0	0	0	197	213
Upland Mixed Forest	0	0	0	28	0	0	0	0	0	0	0	0	0	0	0	0	0	41	69
Upland Spruce/Fir	0	0	0	0	35	0	0	0	0	0	0	0	0	0	0	0	0	0	34
Water	607	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	607
<b>Total</b>	<b>779</b>	<b>56</b>	<b>47</b>	<b>249</b>	<b>206</b>	<b>47</b>	<b>88</b>	<b>6</b>	<b>0</b>	<b>85</b>	<b>347</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>238</b>	<b>2147</b>





## Report 2 – Treatment Summary

Crystal Falls Mgt. Unit  
Year of Entry: 2020

Compartment 59  
Total Compartment Acres: 2,147

### Acres of Harvest

Commercial Harvest - 122  
Harvests with Site Condition - 0  
Next Step Harvest - 0  
Habitat Cut - 0

### Cover Type by Harvest Method

	Clearcut	Selection	Patch Clearcut	Seed Tree	Shelterwood	Thinning	Overstory Removal	Salvage	Other	Total Acres
Aspen	88	0	0	0	0	0	0	0	0	88
Mixed Upland Deciduous	34	0	0	0	0	0	0	0	0	34
<b>Total</b>	<b>122</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>122</b>

### Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	122	0	0	0	0	0	0	0	28	150
Next Step	0	0	0	0	0	0	122	0	0	122
<b>Total</b>	<b>122</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>122</b>	<b>0</b>	<b>28</b>	<b>271</b>





Standa	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Approval Status
19	12059019-Cut	72.7	4139 - Aspen, Mixed Deciduous	Poletimber Well	53	Unspecified	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	Draft Field Boundary

**Habitat Cut: No****Site Condition:**

Prescription Final Harvest 2" and up except pine, cedar, hemlock, oak. Leave live submerchantable conifer.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable maple, oak, mixed softwood

Regen:

Other

Comment:

Proposed Start Date: 10/1 /2019

30	12059030-Cut	15.2	4130 - Aspen	Poletimber Well	53	81-110	Harvest	Clearcut	413 - Aspen	Even-Aged	Draft Field Boundary
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**Habitat Cut: No****Site Condition:**

Prescription Final harvest all stems 2" and greater except cedar, pine, oak & hemlock if found.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable maple, oak, mixed softwood

Regen:

Other

Comment:

Proposed Start Date: 10/1 /2019

32	12059032-Cut	19.8	4199 - Other Mixed Upland Deciduous	Poletimber Well	93	111-140	Harvest	Clearcut with Retention	4199 - Other Mixed Upland Deciduous	Even-Aged	Draft Field Boundary
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**Habitat Cut: No****Site Condition:**

Prescription Final harvest 2" and greater except cedar, oak, pine, hemlock. WLD needs to verify old OFS.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable maple, mixed softwood, aspen

Regen:

Other

Comment:

Proposed Start Date: 10/1 /2019

39	12059039-Cut	14.1	4199 - Other Mixed Upland Deciduous	Sawtimber Well	83	81-110	Harvest	Clearcut with Retention	4199 - Other Mixed Upland Deciduous	Even-Aged	Draft Field Boundary
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**Habitat Cut: No****Site Condition:**

Prescription Final Harvest using 4" DBH spec. Leave all Cedar, Hemlock, Pine, Oak if found. Retain some large diameter Yellow Birch for Wildlife trees.

Specs: Buffer North edge 200 feet, and Western edge 300 feet. Exclude hardwood pocket. Buffers and exclusion reflected in treatment boundary. Include planted Spruce strips on South side of St#405.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Aspen, Mixed Deciduous, Mixed Conifers

Regen:

Other

Comment:

Proposed Start Date: 10/1 /2019





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	Approval Status
401	12059401-NF	4.7	3102 - Grass	Nonstocked		Unspec ified	NonForestMgt	Other - Specify	3102 - Grass		Draft Field Boundary

**Habitat Cut: No****Site Condition:**

Prescription Opening Maintenance - Mechanical or Burning  
Specs:

Next Step  
Treatments:

Acceptable  
Regen:

Other  
Comment:

Proposed Start Date: 10/1 /2019

402	12059402-NF	3.7	3102 - Grass	Nonstocked		Unspec ified	NonForestMgt	Other - Specify	3102 - Grass		Draft Field Boundary
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**Habitat Cut: No****Site Condition:**

Prescription Opening Maintenance-Mechanical or Burning  
Specs:

Next Step  
Treatments:

Acceptable  
Regen:

Other  
Comment:

Proposed Start Date: 10/1 /2019

403	12059403-NF	4.2	3102 - Grass	Nonstocked		Unspec ified	NonForestMgt	Other - Specify	3102 - Grass		Draft Field Boundary
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**Habitat Cut: No****Site Condition:**

Prescription Opening Maintenance- Mechanical or Burning  
Specs:

Next Step  
Treatments:

Acceptable  
Regen:

Other  
Comment:

Proposed Start Date: 10/1 /2019

405	12059405-NF	15.1	3102 - Grass	Nonstocked		Unspec ified	NonForestMgt	Other - Specify	3102 - Grass		Draft Field Boundary
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**Habitat Cut: No****Site Condition: Wildlife Concerns**

Prescription Opening Maintenance -Mechanical or Burning  
Specs:

Next Step  
Treatments:

Acceptable  
Regen:

Other  
Comment:

Proposed Start Date: 10/1 /2019

**Total Treatment  
 Acreage Proposed: 149.5**



## Report 4 – Site Conditions

Crystal Falls Mgt. Unit

Deb Goupell : Examiner

Compartment: 59

Year of Entry: 2020

### Availability for Management

Total Acres	Acres Available	Acres Avail		Dominant Site Conditions	Dominant Site Conditions		
		With Condition	Not Available		3J	3L	5E
631	631	0	0	Aspen			
285	285	0	0	Cedar			
33	33	0	0	Herbaceous Openland			
11	0	0	11	Lowland Conifers	11		
139	139	0	0	Lowland Shrub			
60	44	0	16	Mixed Upland Deciduous		12	5
65	65	0	0	Natural Mixed Pines			
213	183	0	30	Northern Hardwood		30	
69	69	0	0	Upland Mixed Forest			
34	34	0	0	Upland Spruce/Fir			
607	607	0	0	Water			
2,147	2,090		57	Total Forested Acres	11	41	5
	97%		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	3L: Other wildlife concerns	30	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> Retained for WLD habitat corridor							
2	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	11	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
3	Unavailable	5E: Long-Term Retention	5	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							



## Report 4 – Site Conditions

Crystal Falls Mgt. Unit

Deb Goupell : Examiner

Compartment: 59

Year of Entry: 2020

4	Unavailable	3L: Other wildlife concerns	12	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> Retained for Wildlife Corridor							





### 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
<b>Gene's Pond Campground</b>	Concentrated Recreation Area	State Forest Campground	<b>SCA</b>	21
<b>Comments</b>				
pathway, boat launch				





**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	Cold Water Lake	A coldwater lake has temperature and dissolved oxygen conditions that allow naturally-reproduced or stocked trout populations and those of other coldwater fish species to persist from year to year. Suitable conditions for coldwater fishes may occur in Michigan lakes if they are relatively deep, have substantial groundwater inflows, or are located in colder (northern) areas of the state. Such lakes are established by Director's action and designated as trout resources by Fisheries Order 200.
SCA	Cold Water Stream	A coldwater stream has temperature and dissolved oxygen conditions that allow naturally-reproduced or stocked trout populations and those of other coldwater fish species (e.g., slimy sculpin) to persist from year to year. Coldwater streams in Michigan typically provide these conditions due to substantial contributions of groundwater to their stream flows. Such streams are established by Director's action and designated as trout resources by Fisheries Order 210.
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.
SCA	Riparian Area	A transitional area between aquatic and terrestrial ecosystems in which the terrestrial ecosystem influences the aquatic ecosystem and vice-versa. Because of the unique conditions adjacent to lakes, streams and open water wetlands, riparian areas harbor a high diversity of plants and wildlife. Riparian communities are ecologically and socially significant in their effects on water quality and quantity, as well as aesthetics, habitat, bank stability, timber production, and their contribution to overall biodiversity.





Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
1	4130 - Aspen	Poletimber Well	27.5	30	Immature	Couple of red pine and white pine scattered throughout.
2	6120 - Lowland Cedar	Poletimber Well	25.1	92	Unspecified	There is a bed/bank running through this stand north/south. Most of the birch and balsam in south lobe and along edges.
3	4130 - Aspen	Poletimber Well	63.5	30	Immature	stand origin 1988. Edges of stand near swamp are wetter but not quite "lowland"
4	6120 - Lowland Cedar	Poletimber Well	7.8	92	Unspecified	There is a bed/bank running through this stand north/south. Most of the birch and balsam in south lobe and along edges.
5	6120 - Lowland Cedar	Poletimber Well	4.5	92	Unspecified	There is a bed/bank running through this stand north/south. Most of the birch and balsam in south lobe and along edges.
6	4110 - Sugar Maple Association	Poletimber Well	9.8	92	81-110	Thinned in 2000, Anchor Hardwood.
7	4130 - Aspen	Poletimber Well	30.4	37	Unspecified	Stand Year Origin was 1981. Diameters smaller on south end near swamp edge.
8	4130 - Aspen	Sapling Well	18.1	6	Immature	Harvested 2012 with "Eugene's Beans" sale #12-069-10-01.
9	6120 - Lowland Cedar	Poletimber Well	194.3	97	Unspecified	Cedar diameters range between 6-12". Other species are scattered throughout; stand is dominantly cedar
10	4136 - Aspen, Mixed Conifer	Sapling Well	44.2	26	Immature	white pine saplings are primarily along road. Cut in 1992. More pine regen and conifer in far west lobe.
12	4130 - Aspen	Sapling Well	31.1	9	Immature	Cut in 2009 as 'Levi's Pool' # 12-001-09-01. Residual cedar has thinning tops, likely sunscald
13	4319 - Mixed Upland Forest	Poletimber Medium	40.6	85	51-80	GENE'S POND CAMPGROUND IS LOCATED IN THIS STAND. Thinned 2009 for safety and aesthetics.
14	4130 - Aspen	Sapling Well	7.1	9	Immature	Only this portion was clearcut; there is a pocket of cedar in the center.
15	4119 - Mixed Northern Hardwoods	Poletimber Well	123.1	96	51-80	Cut in 2009 as 'Levi's Pool' # 12-001-09-01. Trace hemlock and red oak. Ash saplings on upper hill in center. White pine mostly on south. Center, far east has a swale of aspen with maple saplings that is slightly wet.
16	4134 - Aspen, Spruce/Fir	Sapling Well	47.2	14	Immature	Cut in 2004 Leeman & Gene's TS. SBW affecting WS/BF especially roadside, which is barely merchantable.
17	4136 - Aspen, Mixed Conifer	Sapling Well	137.1	25	Immature	Gene's Pond Campground TS cut 1993. Aspen diameters range from 2-6". Conifer heaviest along roads. Saw 1 jack pine, couple red oak.



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
18	4119 - Mixed Northern Hardwoods	Poletimber Well	10.2	93	81-110	County Road Commission to rerout Leeman road thru this stand 2008. Most of white birch is dead. Oak seems to be best looking tree on site. Not great quality.
19	4139 - Aspen, Mixed Deciduous	Poletimber Well	72.7	53	Unspecified	
20	4111 - S.Maple, Hard Mast Association	Sawtimber Medium	6.1	94	51-80	Harvested 2012
22	6120 - Lowland Cedar	Poletimber Well	40.6	82	Unspecified	
23	4130 - Aspen	Sapling Well	21.4	24	Immature	Harvested 1994
24	4130 - Aspen	Poletimber Medium	47.2	42	Unspecified	Many supercanopy conifers found throughout. Scattered pockets of older Aspen. Wet areas present
25	42260 - Natural Pine, Mixed Deciduous	Sawtimber Poor	65.2	92	1-50	Many canopy gaps filling in with Spruce/Fir. Thick understory of pole-sized conifers. Severe budworm damage on understory.
26	4319 - Mixed Upland Forest	Sapling Well	28.1	26	Immature	Harvested 1992. Many super canopy Pines
27	6129 - Mixed Coniferous Lowland Forest	Poletimber Poor	10.7	82	Unspecified	Stream within stand
28	42340 - Upland Spruce/Fir	Poletimber Medium	34.5	38	Unspecified	Supercanopy Pines throughout. Thick conifer understory being severely damaged by budworm. Not a fully stocked stand. Wetter to the South, younger to the North.
29	4130 - Aspen	Sapling Well	18.6	22	Immature	
30	4130 - Aspen	Poletimber Well	15.2	53	81-110	
32	4199 - Other Mixed Upland Deciduous	Poletimber Well	34.0	93	111-140	OPIC - FMD: NOT SCHEDULED FOR CUTTING DUE TO T&E species.(1998) Aspen and birch nearly gone. Much red maple. Check for possible T&E species.See locked comments(2008). 2017: Trees are not of thinning quality. Should be cut unless T & E is verified.
34	4110 - Sugar Maple Association	Sawtimber Well	33.9	96	81-110	Harvested 2012 with "Spring Hill Select" sale #12-080-10-01.
35	6120 - Lowland Cedar	Poletimber Well	7.1	82	81-110	Stand is wet.
36	4119 - Mixed Northern Hardwoods	Poletimber Well	29.6	85	81-110	Very diverse stand with rock and gullies. North finger heavier to balsam/spruce. Yellow birch not holding up well. Many defects in all maple. Conifer found more on grade downslope (northerly). Not exactly a candidate for maintaining all aged hardwood. Some wetter areas in south.



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Crystal Falls Mgt. Unit

Report 7 – Forested Stands

Compartment: 59  
Year of Entry: 2020



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
<b>39</b>	4199 - Other Mixed Upland Deciduous	Sawtimber Well	26.0	83	81-110	Mix of upland and lowland. Trees in declining health.
<b>41</b>	4134 - Aspen, Spruce/Fir	Poletimber Well	49.6	30	Immature	Many low areas. Stand starting to reach pole-size. Rocks and steep terrain in parts. A couple small older pockets of Spruce/Fir present.
<b>42</b>	6120 - Lowland Cedar	Poletimber Medium	6.1	68	Unspecified	



Stand	Cover Type	Acres	Managed Site	General Comments:
11	622 - Lowland Shrub	44.5	No	OPIC - FMD: OI Stand Year Origin was
21	622 - Lowland Shrub	11.9	No	
31	6229 - Mixed lowland shrub	46.7	No	OPIC - FMD: OI Stand Year Origin was
33	6220 - Alder/willow	6.1	No	OPIC - FMD: OI Stand Year Origin was
37	6229 - Mixed lowland shrub	10.0	No	OPIC - FMD: OI Stand Year Origin was
38	500 - Water	606.6	No	Gene's Pond
40	6220 - Alder/willow	19.8	No	Scattered trees within riparian buffer
400	3102 - Grass	4.0	No	PICKEREL LAKE GRAVEL PIT.
401	3102 - Grass	4.7	No	OPIC - FMD: OI Stand Year Origin was
402	3102 - Grass	3.7	Yes	OPIC - FMD: OI Stand Year Origin was
403	3102 - Grass	4.2	No	OPIC - FMD: OI Stand Year Origin was
404	3102 - Grass	1.2	No	
405	3102 - Grass	15.1	No	Stand includes a couple rows of planted Spruce on South edge and the road