



Compartment Review Presentation

Atlanta Forest Management Unit

Compartment 54149

Entry Year 2025

Acreage: 1,186

County Presque Isle

Management Area: Presque Isle Lake and Till Plains

Stand Examiner: Darrick Coy

Legal Description:

T35N, R3E, Sections 6, 7, 9, 16, & 21

Identified Planning Goals:

To provide for the protection, integrated management and responsible use of a healthy, productive, and undiminished forest resource base for the social, recreational, environmental, and economic benefit of the State of Michigan. Harvests prescribed will help to balance the age classes of aspen, pine, and other cover types to sustainably produce various timber products, enhance game and non-game wildlife habitat and provide for forest-based recreational uses.

Soil and topography:

Soils are mostly excessively drained in uplands and mucky sands in the lowlands. Dominating soil types are rubicon sands and brevort mucky loamy sands. Aspen, jack pine, red pine, and lowland conifers are the dominant cover types. The overall topography is rolling to flat. The forest habitat types are mainly PARVHa and unclassified lowland.

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

State land ownership is solid within the interior. Private property borders to the E and S for the NW portion and to the N, W, & S for SE portion. This adjacent private land is mostly used for agriculture.

Unique Natural Features:

None known but features may exist.

Contact Michigan Natural Features Inventory for more information or reporting.

Archeological, Historical, and Cultural Features:

None known but features may exist.

Contact the State Historical Preservation Office for more information or reporting of new sites.

Special Management Designations or Considerations:

Many deer and hare are using lowland conifer stands in winter, specifically within SW 1/4 of section 16. Efforts should be made to maintain these areas as conifer and leave tops in harvests. Use larger aspen clearcuts and winter harvesting only, when possible, to provide and compete with heavier than normal deer browse.

Watershed and Fisheries Considerations:

No significant watershed or fisheries features exist within this compartment.

Wildlife Habitat Considerations:

This compartment features deer, snowshoe hare, and ruffed grouse. There are significant areas of deer and snowshoe hare activity in the winter. The compartment itself is divided in two blocks by farmland where deer frequent in the spring and summer months. There is potential for rare raptor species and any treatments where nests are present should buffer those nests. Treatments in the forested stands should leave down woody debris and in some areas brush piles for use by hare, grouse, and herptile species.

Mineral Resource and Development Concerns and/or Restrictions

The nearest active sand/gravel pit is approximately two miles north. A former pit appears to be within the compartment, in Sec 16. There may be some potential for additional sand & gravel within the compartment, on the uplands. No known potential exists for oil & gas from known producing formations in this area. There is no known metallic mineral potential in this part of the state.

Vehicle Access:

Access to the compartment is good. Several frequently and infrequently used state forest roads exist.

View the status of state forest roads open to conventional motorized use within the compartment online using the Michigan

DNR interactive roads maps or download printable maps for free.

Survey Needs:

SWSE of Section 9

Recreational Facilities and Opportunities:

The Silver Creek Snowmobile Trail runs along Glawe Hwy.

Fire Protection:

Onaway field office

Additional Compartment Information:

The following reports from the Inventory are attached:

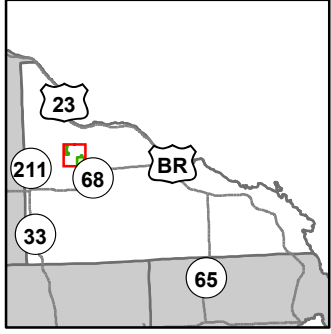
- Total Acres by Cover Type and Age Class
- Cover Type by Harvest Method
- Proposed Treatments – No Limiting Factors
- Proposed Treatments – With Limiting Factors
- Stand Details (Forested and Nonforested)
- Dedicated and Proposed Special Conservation Areas
- Site Condition Details

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

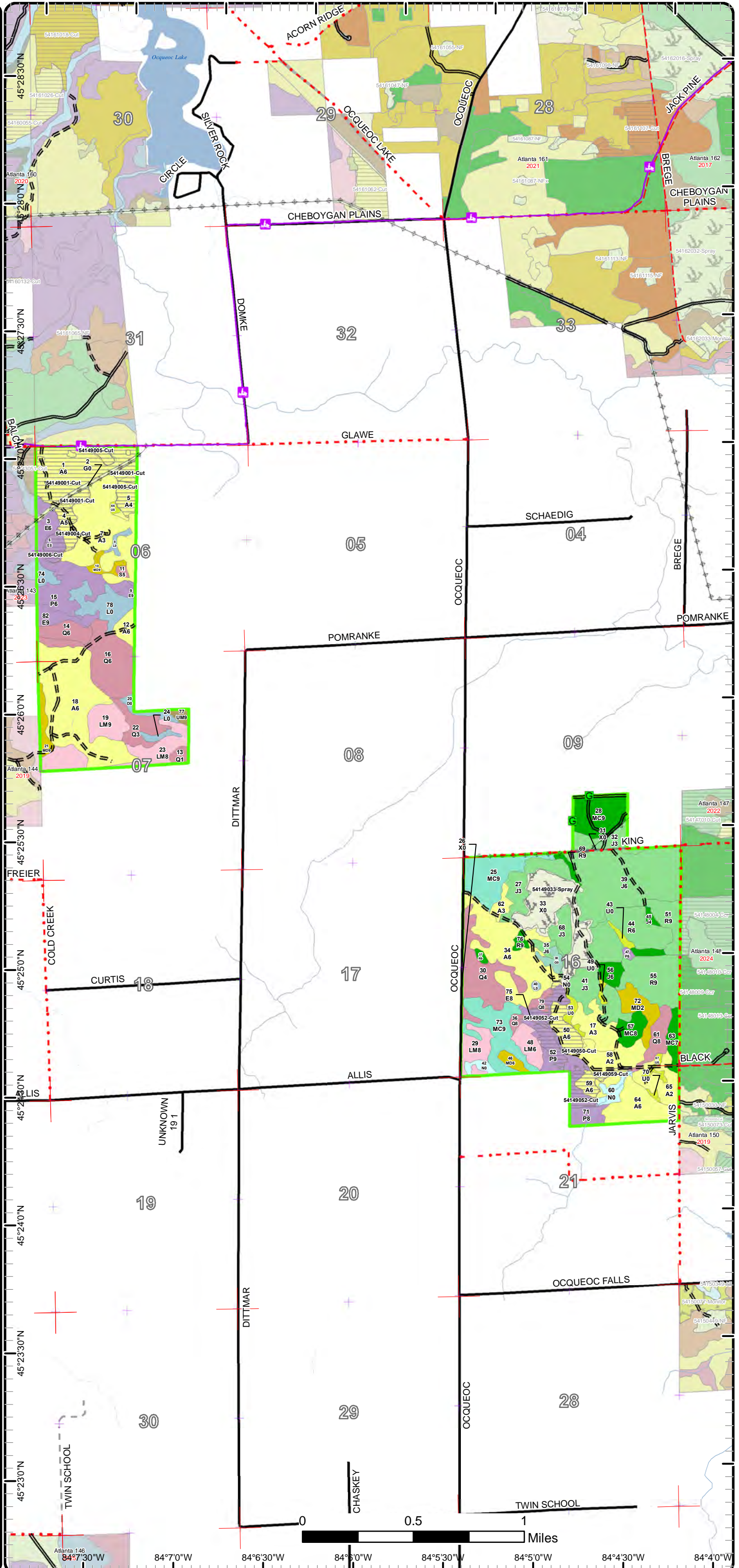
- Base feature information, stand boundaries, cover types, and numbers
- Proposed treatments
- Site condition boundaries
- Details on the road access system

Cover Type & Treatments Map

Compartment: 149
 T35N, R03E, Sec. 06-07, 09, 16, 21
 County: Presque Isle
 Unit: Atlanta
 Mgmt Area: Presque Isle Lake and Till Plains
 YOE: 2025
 Acres: 1185.9 GIS Calculated
 Examiner: Darrick Coy
 Map Revised: 6/12/2023
 Map Phase: Review



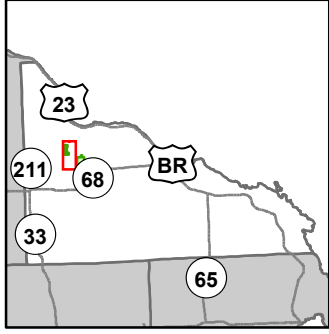
- Miris Corners
- + Remonumented Section Corners
- Counties
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State / County - Paved Road
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Snowmobile Trails
- Designated Snowmobile Trails
- Drain
- Intermittent Stream
- Perennial River
- Gate
- + Powerline
- Flooding
- Compartment Boundary
- Pesticide
- Clearcut (w/Reserves)
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 422 - Natural Pines
- 429 - Mixed Upland Conifers
- 430 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 122 - Roads/Parking Lot
- 310 - Herbaceous Openland
- 330 - Low Density Trees
- 622 - Lowland Shrub
- 623 - Emergent Wetland
- 790 - Other Bare/Sparsely Vegetated



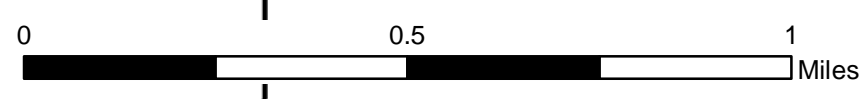
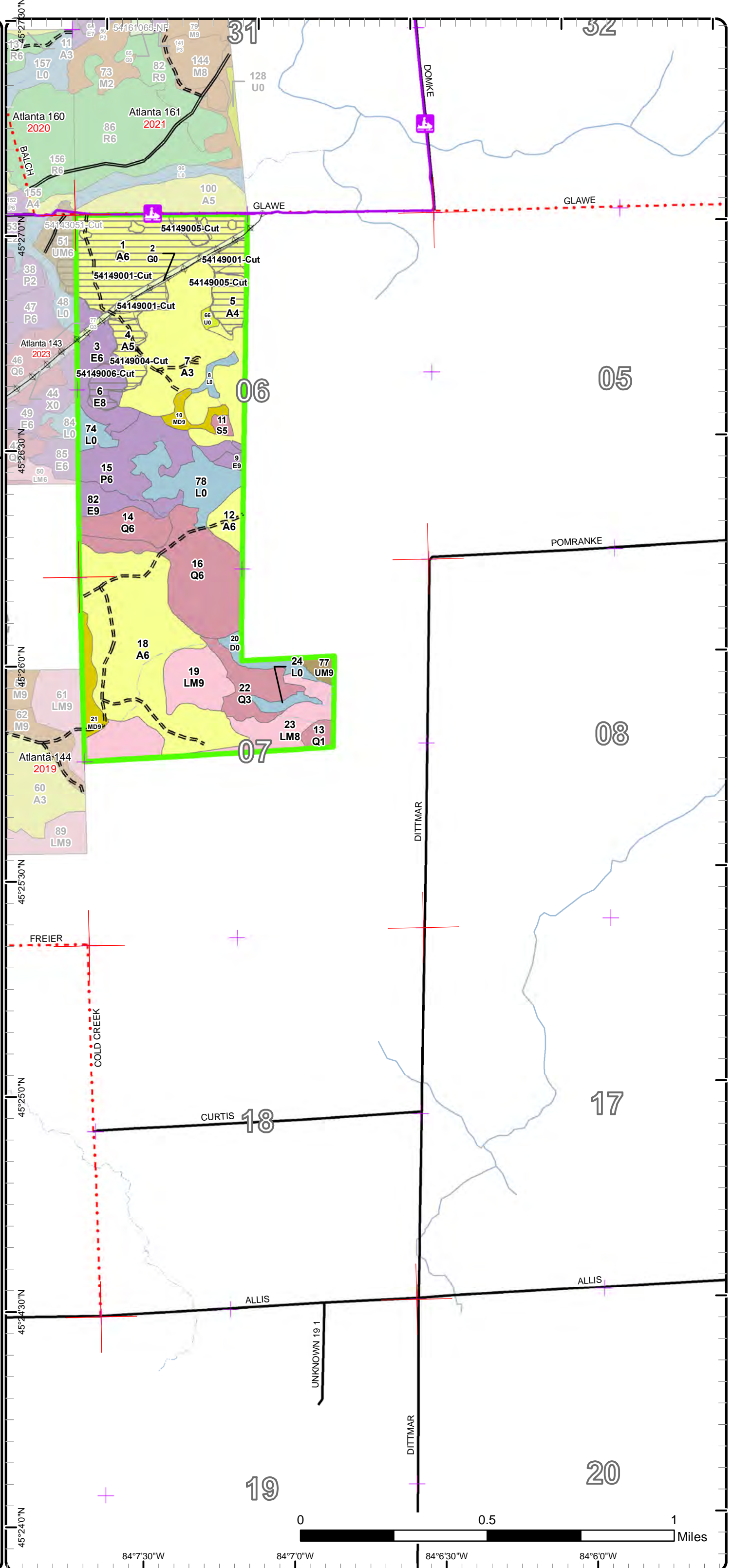
Atlanta 146 84°30'W 84°70'W 84°6'30'W 84°5'0'W 84°5'30'W 84°5'0'W 84°4'30'W 84°4'0'W

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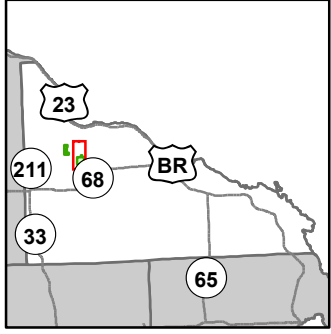
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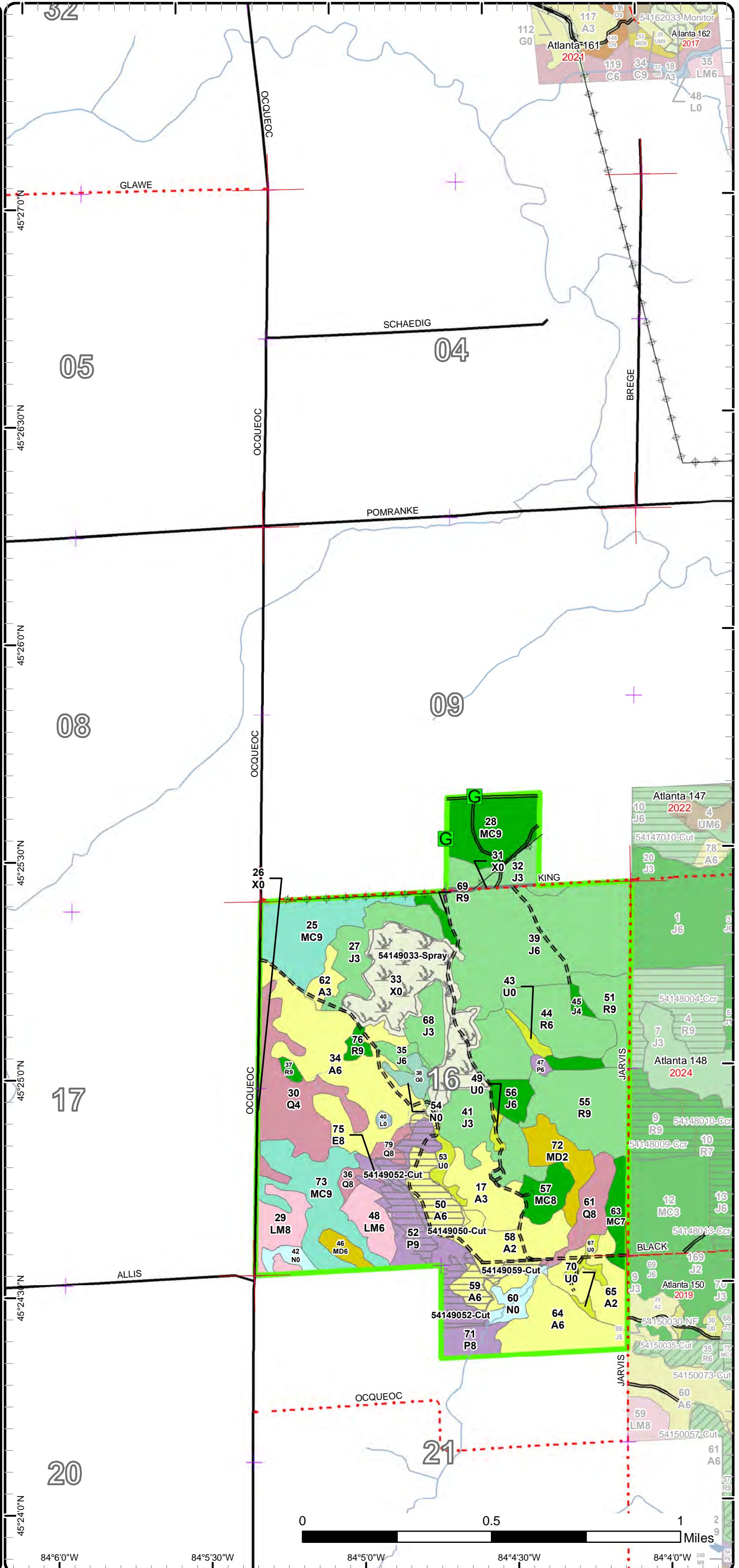
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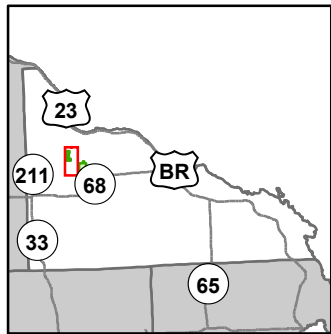


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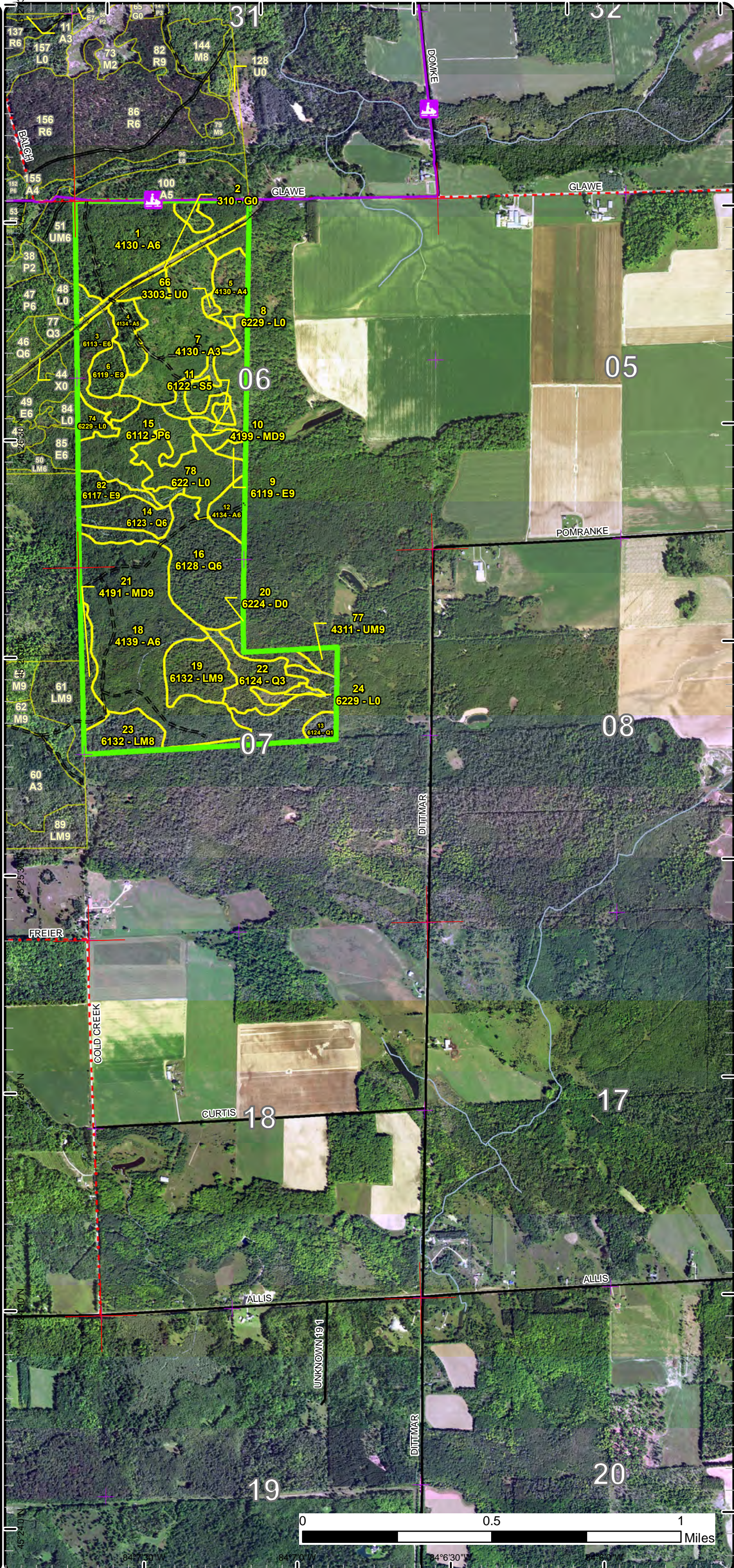


Stand Boundary Map

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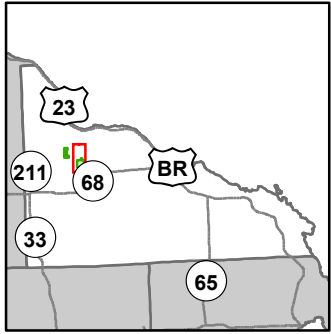


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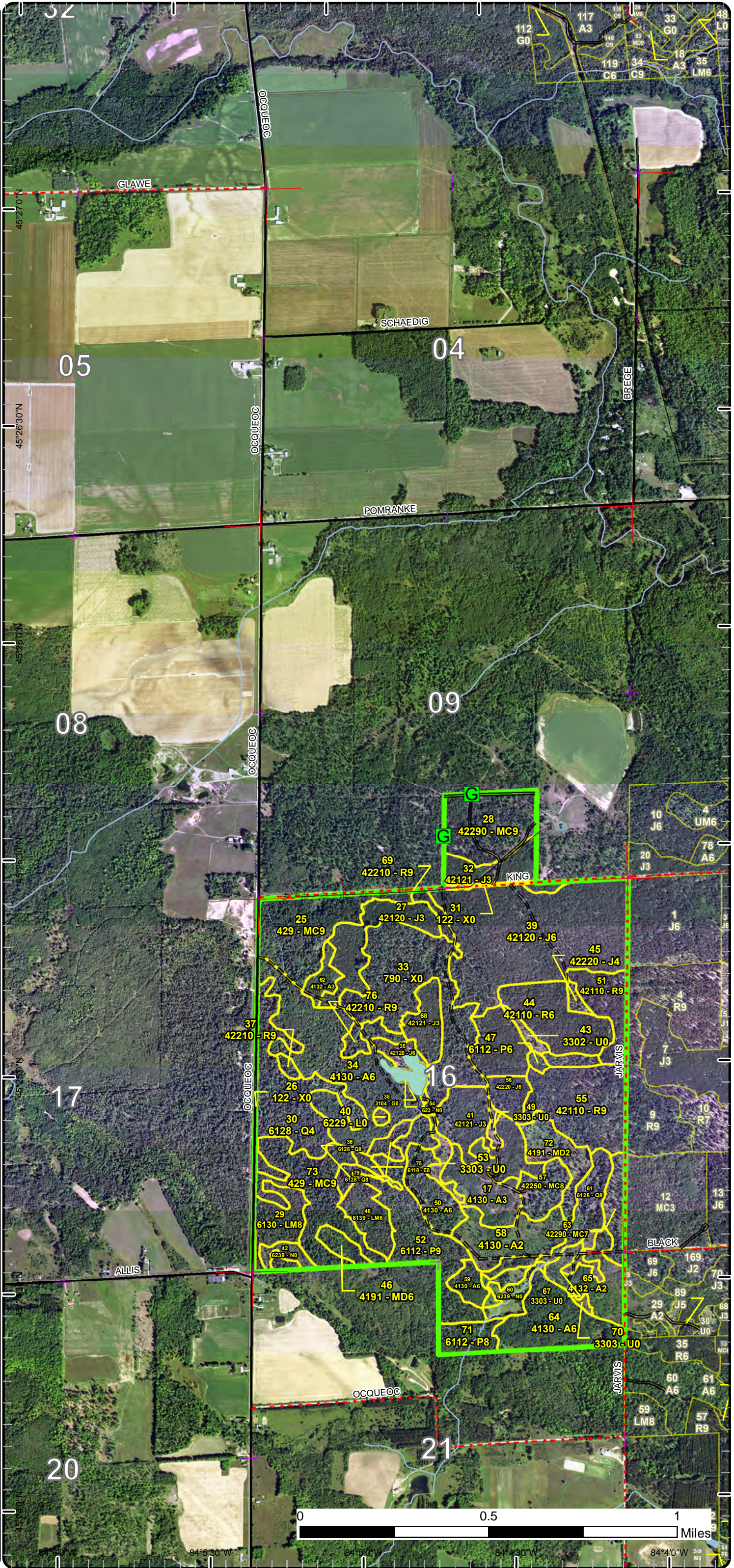


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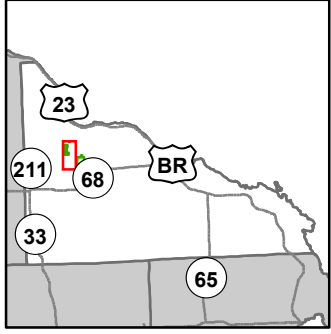


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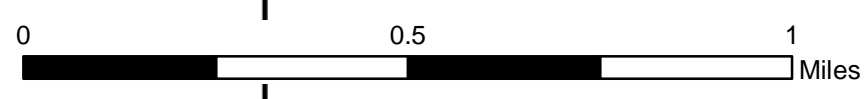
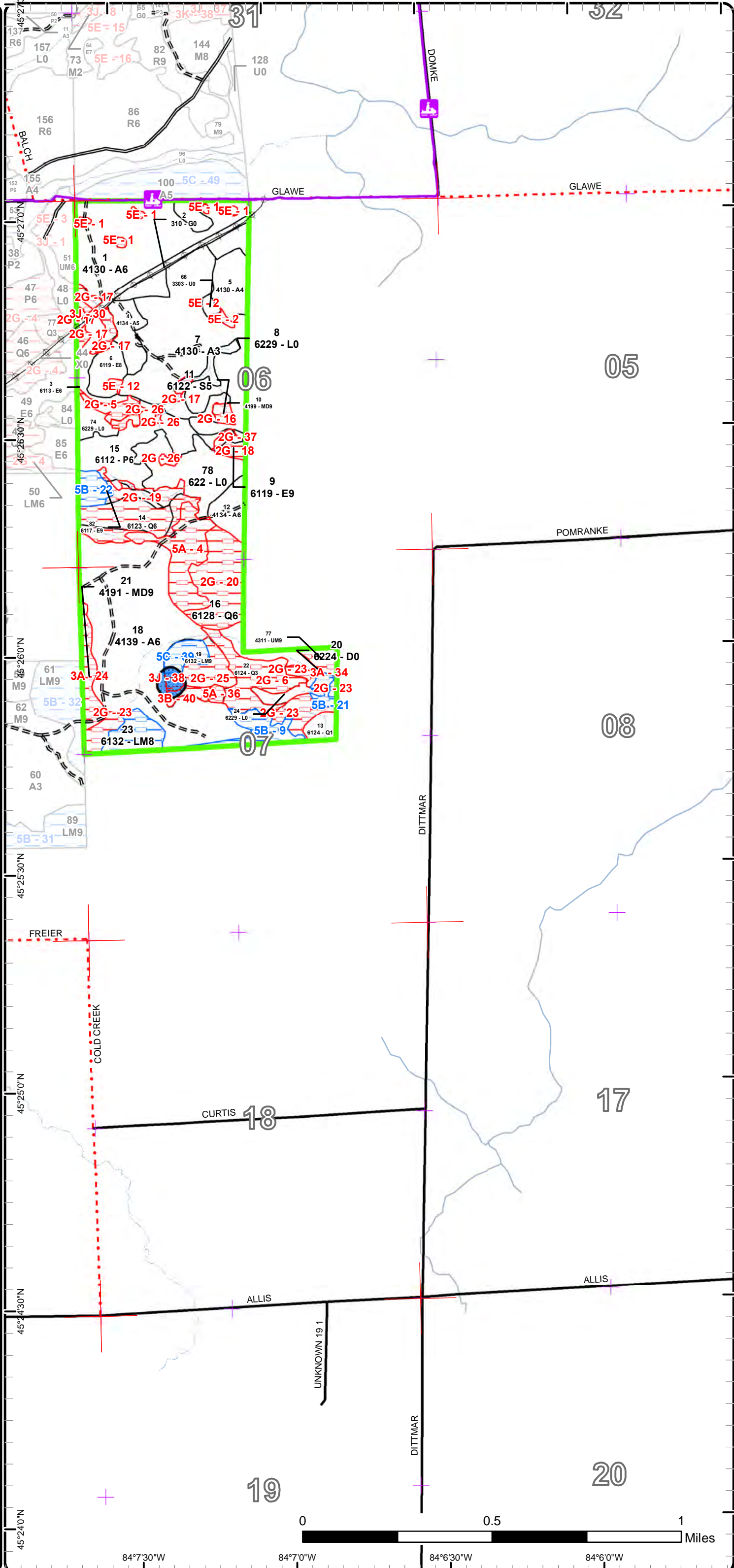


Special Conservation Areas

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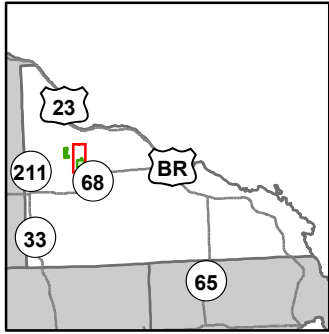
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- Compartment Boundary
- Available w/ Constraints
- 5B: Maintain for regeneration purposes
- 5C: Delay treatment for age/size class diversity or exceptional site quality
- Unavailable
- 2G: Too wet (sensitive soils, does not include access issues)
- 3A: Conservation Values incompatible with harvest at this time
- 3J: Water quality / BMPs (stream, river, or lake)
- 5A: Not able to obtain desirable regeneration
- 5E: Long-Term Retention
- Stand Boundaries
- SCA
- Cold Water Streams
- Riparian Area



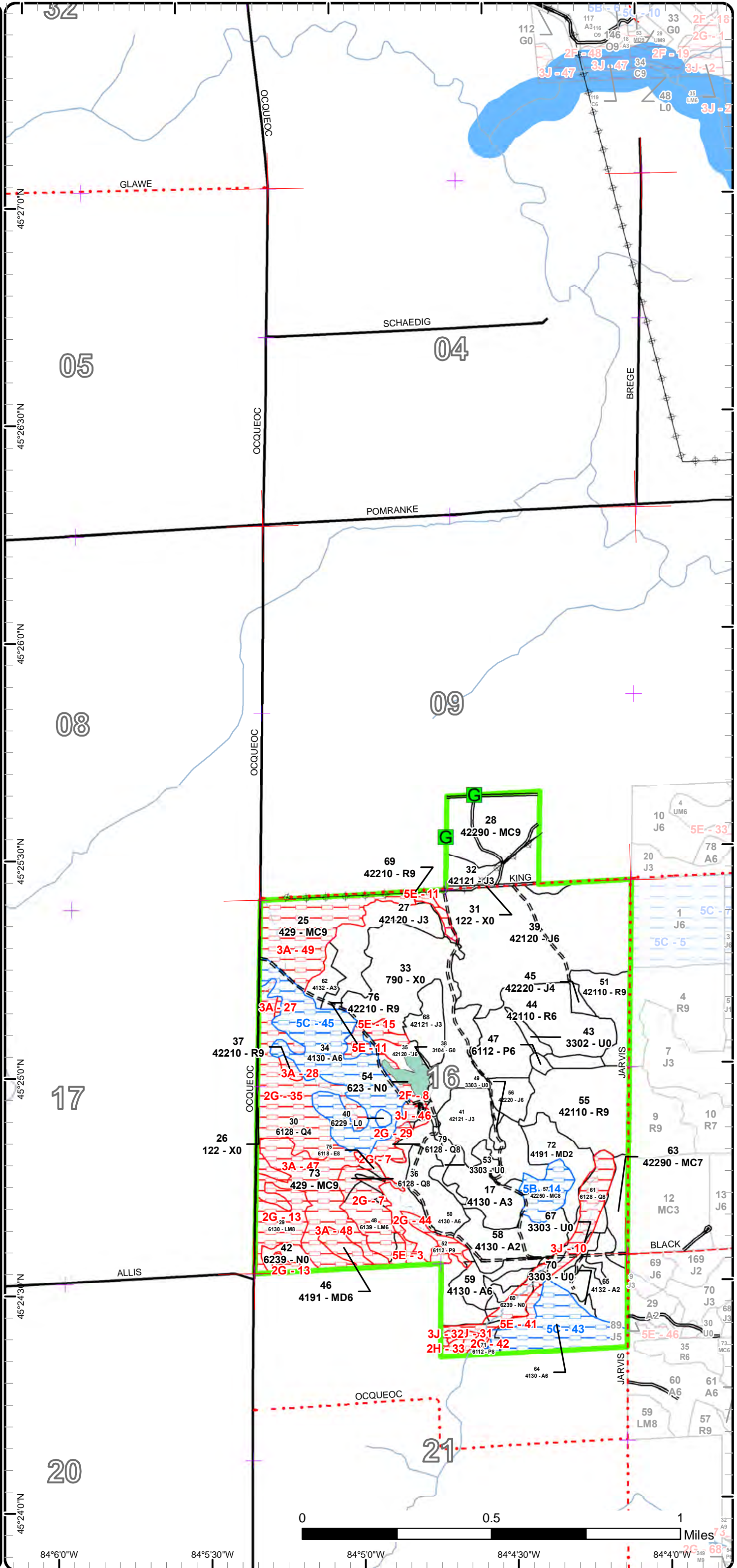
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- Lakes and Rivers
- G Gate
- Powerline
- Flooding
- Compartment Boundary
- Available w/ Constraints
- 5B: Maintain for regeneration purposes
- 5C: Delay treatment for age/size class diversity or exceptional site quality
- Unavailable
- 2F: Too steep
- 2G: Too wet (sensitive soils, does not include access issues)
- 2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)
- 3A: Conservation Values incompatible with harvest at this time
- 3J: Water quality / BMPs (stream, river, or lake)
- 5E: Long-Term Retention
- Stand Boundaries
- SCA
- Cold Water Streams
- High Priority Trout Stream Buffer
- Vernal Pool



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	0	97	22	87	8	153	0	0	0	13	0	0	0	0	0	0	0	379
Bare/Sparsely Vegetated	51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	51
Herbaceous Openland	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
Jack Pine	0	0	0	65	10	81	0	6	0	0	0	0	0	0	0	0	0	0	162
Low-Density Trees	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12
Lowland Aspen/Balsam Poplar	0	0	0	0	28	1	8	0	0	0	0	32	0	0	0	0	0	0	69
Lowland Conifers	0	0	0	0	0	0	0	34	11	18	18	0	0	39	0	0	0	0	120
Lowland Deciduous	0	0	0	0	0	0	15	0	0	7	11	0	0	0	0	0	0	0	33
Lowland Mixed Forest	0	0	0	0	0	0	0	0	0	0	11	59	0	0	0	0	0	0	69
Lowland Shrub	31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	31
Lowland Spruce/Fir	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2
Marsh	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11
Mixed Upland Deciduous	0	0	14	0	0	0	0	5	0	0	5	7	0	0	0	0	0	0	29
Natural Mixed Pines	0	0	0	0	0	0	0	26	9	0	9	0	0	0	0	0	0	0	43
Red Pine	0	0	0	0	37	0	14	0	32	0	0	5	0	2	0	0	0	0	90
Treed Bog	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Upland Conifers	0	0	0	0	0	0	0	0	0	0	61	0	0	0	0	0	0	0	60
Upland Mixed Forest	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	3
Urban	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Total	122	0	111	87	162	90	190	73	52	25	128	103	3	41	0	0	0	0	1181



Report 2 – Treatment Summary

Atlanta Mgt. Unit

Year of Entry: 2025

Acres of Harvest

Compartment 149

Total Compartment Acres: 1,186

Commercial Harvest - 121
 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	92	0	0	0	0	0	0	0	0	92
Lowland Aspen/Balsam Poplar	24	0	0	0	0	0	0	0	0	24
Lowland Deciduous	6	0	0	0	0	0	0	0	0	6
Total	121	0	0	0	0	0	0	0	0	121

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	121	0	0	0	0	40	0	0	0	161
Next Step	0	0	40	0	0	0	240	0	0	280
Total	121	0	40	0	0	40	240	0	0	441



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:

1	54149001-Cut	51.4	4130 - Aspen	Poletimber Well	55		Harvest	Clearcut with Retention	4130 - Aspen	Even-Aged	No
<p><u>Prescription</u> -clearcut <u>Specs:</u> -leave 1-2 oak and/or pine per acre -3-7% in retention pockets -protect snowmobile trail in specs -leave 1 brush pile every 1-2 acres (WLD) -grouse spec <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable Regen:</u> -regen survey 3-5 years -acceptable regen is aspen, oak, and wp of medium to high stocking <u>Other Comment:</u> -adjacent stand to west in adjacent compartment along road is getting cc as well for YOE 2015 Old next step comments: -regen survey 3-5 years -acceptable regen is aspen, oak, and wp of medium to high stocking <u>Site Condition</u> <u>Proposed Start Date:</u> 10/1 /2014</p>											
4	54149004-Cut	7.6	4134 - Aspen, Spruce/Fir	Poletimber Medium	55		Harvest	Clearcut with Retention	4136 - Aspen, Mixed Conifer	Even-Aged	No
<p><u>Prescription</u> -cc <u>Specs:</u> -leave 1-2 oak and/or wp per acre -leave 1-2 birch and/or aspen log trees acre to leave -no other retention necessary -grouse spec <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable Regen:</u> -regen survey in 3-5 years -acceptable regen is aspen, rm, bf, and wp of medium to high stocking <u>Other Comment:</u> Old next step comments: -regen survey in 3-5 years -acceptable regen is aspen, rm, bf, and wp of medium to high stocking <u>Site Condition</u> <u>Proposed Start Date:</u> 10/1 /2014</p>											
5	54149005-Cut	10.6	4130 - Aspen	Poletimber Poor	55		Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
<p><u>Prescription</u> -clearcut <u>Specs:</u> -leave 1-2 oak and/or pine per acre -3-7% in retention pockets -protect snowmobile trail in specs -leave 1 brush pile every 1-2 acres (WLD) -grouse spec <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable Regen:</u> -regen survey 3-5 yrs -acceptable regeneration is aspen, oak, and pine of medium to high stocking <u>Other Comment:</u> Old next step comments: -regen survey 3-5 yrs -acceptable regeneration is aspen, oak, and pine of medium to high stocking <u>Site Condition</u> <u>Proposed Start Date:</u> 10/1 /2014</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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6	54149006-Cut	6.1	6119 - Mixed Lowland Deciduous Forest	Sawtimber Medium	83	51-80	Harvest	Clearcut with Retention	6119 - Mixed Lowland Deciduous Forest	Even-Aged	No
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Prescription cc (partial stand harvest- see trmt layer)

Specs: -leave 1-2 oak and wp, if present

-no other retention necessary besides wet hole with snags (already excluded from treatment)

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Aspen, rm, bf, and wp of medium to high stocking

Regen:

Other

Comment:

Site Condition

Proposed Start Date: 10/1 /2014

33	54149033- Spray	39.6	790 - Other Bare/Sparsely Vegetated	Nonstocked	0		Pesticide	ERROR	4211 - Planted Red Pine	Even-Aged	No
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Prescription Apply herbicide to set back woody competition.

Specs:

Next Step Planting, Initial Plant; Monitoring, Artificial Regen(1yr); Monitoring, Herbicide Use; Monitoring, Artificial Regen(3yr)

Treatments:

Acceptable Fully stocked planted red pine

Regen:

Other Percent to Treat = 100%

Comment:

Site Condition

Proposed Start Date: 10/1 /2022

50	54149050-Cut	13.7	4130 - Aspen	Poletimber Well	91	51-80	Harvest	Clearcut with Retention	4130 - Aspen	Even-Aged	No
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Prescription -cc

Specs: -leave 2-3 oak, rp, and/or wp per acre in clumps or scattered individuals

-no area retention necessary to maximize regeneration success against a high deer population wintering in lowland conifers to the W

-require harvesting outside of Spring

-grouse spec

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable -regen survey 3-5 years -acceptable regen is aspen, fir, spruce, oak, wp, and rm of medium to high stocking

Regen:

Other -best access is using two-track from E Old next step comments: -regen survey 3-5 years

Comment: -acceptable regen is aspen, fir, spruce, oak, wp, and rm of medium to high stocking

Site Condition

Proposed Start Date: 10/1 /2014



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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
52 54149052-Cut	23.6	6112 - Lowland Aspen	Sawtimber Well	101	51-80	Harvest	Clearcut with Retention	6117 - Lowland Deciduous, Mixed Coniferous	Even-Aged	No
<p><u>Prescription</u> -cc <u>Specs:</u> -leave 2-3 oak, rp, and/or wp per acre in clumps or scattered individuals -retention/exclusion area within stand is not being treated (regeneration potential is poor for this area- more aspen blowdown, thick unmerchantable fir, spindly cedar, hemlock and low residual stocking) -require harvesting outside of Spring in specs -include extra 1-2 year extension in sale specs -add down debris for herps spec (WLD)</p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u></p> <p><u>Acceptable Regen:</u> -regen survey 3-5 years -acceptable regen is fir, spruce, oak, wp, rm, aspen, and of low to high stocking</p> <p><u>Other Comment:</u> -best access is using two-track from E Old next step comments: -regen survey 3-5 years -acceptable regen is fir, spruce, oak, wp, rm, aspen, and of low to high stocking</p> <p><u>Site Condition</u> <u>Proposed Start Date:</u> 10/1 /2014</p>										
59 54149059-Cut	8.4	4130 - Aspen	Poetimber Well	48		Harvest	Clearcut with Retention	4130 - Aspen	Even-Aged	No
<p><u>Prescription</u> -cc <u>Specs:</u> -leave 2-3 oak, rp, and/or wp per acre in clumps or scattered individuals -no area retention to maximize regeneration success against a high deer population wintering in lowland conifers to the W -grouse spec</p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u></p> <p><u>Acceptable Regen:</u> -regen survey in 3-5 yrs -acceptable regen is aspen, fir, spruce, oak, wp, and rm of medium to high stocking</p> <p><u>Other Comment:</u> -best access is using two-track from E Old next step comments: -regen survey in 3-5 yrs -acceptable regen is aspen, fir, spruce, oak, wp, and rm of medium to high stocking</p> <p><u>Site Condition</u> <u>Proposed Start Date:</u> 10/1 /2014</p>										

Total Treatment Acreage Proposed: 161

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Availability for Management

Total	Acres	Acres Avail	Acres
Acres	Available	With Condition	Not Available

Dominant Site Conditions

	Total Acres	Acres Available	Acres With Condition	Acres Not Available	Dominant Site Conditions										
					5B	5C	2F	2G	2H	3A	3B	3J	5A	5E	
378	296	70	12		Aspen		70	0	0			0	5		8
51	51	0	0		Bare/Sparsely Vegetated								0		
8	8	0	0		Herbaceous Openland										
161	161	0	0		Jack Pine										0
13	13	0	0		Low-Density Trees								0		0
69	44	1	24		Lowland Aspen/Balsam Poplar	0	1		13	1			6		3
121	6	0	115		Lowland Conifers				89		0		10	16	
33	13	4	16		Lowland Deciduous	4			15				1		1
70	0	23	47		Lowland Mixed Forest	19	5		43			2	1	1	
31	31	0	0		Lowland Shrub				0					0	
2	0	0	2		Lowland Spruce/Fir				2						
11	6	0	5		Marsh								4		0
30	17	0	13		Mixed Upland Deciduous				1		12		0		
44	35	9	0		Natural Mixed Pines	9							0		
90	84	0	6		Red Pine						2		0		5
5	5	0	0		Treed Bog				0						
61	0	0	61		Upland Conifers				0		61				
3	0	0	3		Upland Mixed Forest						3				
4	4	0	0		Urban										
1,186	775	108	303		Total Forested Acres	32	75	0	162	1	78	2	27	17	16
	65%	9%	26%		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	Dominant Site Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
1	Unavailable	5E: Long-Term Retention		2	Unspecified	Unspecified	Unspecified	Unspecified
Comments: -area retention for stand 1								
2	Unavailable	5E: Long-Term Retention		1	Unspecified	Unspecified	Unspecified	Unspecified
Comments: -area retention for stand 5								

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3	Unavailable	5E: Long-Term Retention	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments: -area retention for stand 52-hemlock pockets present-deer wintering area							
4	Unavailable	5A: Not able to obtain desirable regeneration	16	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
5	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
6	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	14	5D: Unproductive Forest Land	5A: Not able to obtain desirable regeneration	Unspecified	Unspecified
Comments:							
7	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	18	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
8	Unavailable	2F: Too steep	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments: hillside of aspen going down into pit							

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9	Available	5B: Maintain for regeneration purposes	16	5C: Delay treatment for age/size class diversity or exceptional site quality	Unspecified	Unspecified	Unspecified
Comments:							
10	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	21	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments: -leave as intermittent stream protection area							
11	Unavailable	5E: Long-Term Retention	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments: -area retention for stand 33							
12	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments: -area retention for stand 6							
13	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	13	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
14	Available	5B: Maintain for regeneration purposes	9	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

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15	Unavailable	5E: Long-Term Retention	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments: area retention for stand 34							
16	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
17	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
18	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	3	3J: Water quality / BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
Comments:							
19	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	22	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
20	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	19	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

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21	Available	5B: Maintain for regeneration purposes	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
22	Available	5B: Maintain for regeneration purposes	4	5C: Delay treatment for age/size class diversity or exceptional site quality	Unspecified	Unspecified	Unspecified
Comments:							
23	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	12	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
24	Unavailable	3A: Conservation Values incompatible with harvest at this time	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
25	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	7	5A: Not able to obtain desirable regeneration	Unspecified	Unspecified	Unspecified
Comments:							
26	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

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27	Unavailable	3A: Conservation Values incompatible with harvest at this time	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
28	Unavailable	3A: Conservation Values incompatible with harvest at this time	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
29	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
30	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
31	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	1	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	Unspecified	Unspecified	Unspecified
Comments:							
32	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	0	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

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33	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
34	Unavailable	3A: Conservation Values incompatible with harvest at this time	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
35	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	34	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
36	Unavailable	5A: Not able to obtain desirable regeneration	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
37	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	0	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
38	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	1	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments:							

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39	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
40	Unavailable	3B: Threatened, endangered, and special concern species	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
41	Unavailable	5E: Long-Term Retention	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments: -area retention for stand 64 to protect wetland transition edge							
42	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	0	Unspecified	Unspecified	Unspecified	Unspecified
Comments: -leave as intermittent stream protection area							
43	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	23	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
44	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

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45	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	47	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
46	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
47	Unavailable	3A: Conservation Values incompatible with harvest at this time	31	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
48	Unavailable	3A: Conservation Values incompatible with harvest at this time	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
49	Unavailable	3A: Conservation Values incompatible with harvest at this time	30	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							



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
Vernal Pond	Spring Wetlands Riparian Area	Vernal Pool	SCA Proposa	0
Comments series of seasonal drains entering pool from the west				
Vernal Pool A	Spring Wetlands Riparian Area	Riparian Area	SCA	3
Comments vernal pool with 2 chain buffering				

Mgt. Unit

Compartment:

Year of Entry



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
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments		
1	4130 - Aspen	Poletimber Well	51.5	55		N/A	-clearcut complete 5/13/19, still on open contract -conducted regeneration survey walkthrough on 4/27/23- 5% bf, 5% 12inwp, 3%13inro, 20%1inrm, 20%1inqa, 52%1inbta		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Bigtooth Aspen		80	Pole/Log	7	55	Balsam Fir	Medium	Variable	Sapling
Northern Pin Oak		5	Log	13		White Pine	Medium	Variable	Sapling
White Pine		15	Log/Pole	13					
2	310 - Herbaceous Openland	Nonstocked	5.3			No	-overhead powerline ROW		
3	6113 - Lowland Maple	Poletimber Well	14.8	58	51-80	N/A	-too wet in most of the stand		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple		70	Pole/Log	8	58	Balsam Fir	Medium	Variable	Sapling
Paper Birch		15	Pole	8		Tag Alder	High	5 - 10 feet	Tall Shrub
Quaking Aspen		15	Pole	8		Red Maple	Medium	Variable	Sapling
4	4134 - Aspen, Spruce/Fir	Poletimber Medium	7.8	55		N/A	-more variability of species and density in this aspen stand -clearcut complete 5/13/19, still on open contract -conducted regeneration survey walkthrough on 4/27/23-50-75%cc,5%7inpb,15%3inbf, 5%9inwp, 10%1inqa, 10%1inrm, 3%8inwo, 47%1inbta, 5%1inbs -s 1/3rd more open with less than 6 in bf coming in		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple		5	Pole	6		White Pine	Low	Variable	Sapling
Quaking Aspen		15	Pole/Log	7		Balsam Fir	Medium	Variable	Sapling
Bigtooth Aspen		45	Pole/Log	7	55				
Balsam Fir		20	Pole/Sapling	6					
Black Spruce		5	Pole/Sapling	6					
Paper Birch		5	Pole/Log	7					
White Pine		5	Pole/Log	7					
5	4130 - Aspen	Poletimber Poor	13.4	55		N/A	-clearcut complete 5/13/19, still on open contract -broke stand out due to significant density change -conducted regeneration survey walkthrough on 4/27/23-75-100%cc,5%1injp, 5%12inwp, 2%13in ro, 5%3inwp, 5%1inrm, 78%1inbta		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Bigtooth Aspen		85	Pole/Sapling	6	55	Balsam Fir	Low	Variable	Sapling
Jack Pine		10	Pole/Sapling	6		White Pine	Low	Variable	Sapling
Northern Pin Oak		5	Log	12		Black Cherry	Low	5 - 10 feet	Sapling
6	6119 - Mixed Lowland Deciduous Forest	Sawtimber Medium	7.0	83	51-80	N/A	-fair amount of snags -browse on rm stump sprouts, most past browse -mixed stand -clearcut complete 5/13/19, still on open contract conducted walkthrough regeneration check on 4/27/23-50-75%cc, 3%11in wo, 10%bs, 27%bf, 50%1inrm, 10%1inqa, m tag		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Quaking Aspen		30	Log	13		Red Maple	Medium	Variable	Sapling
Red Maple		50	Log/Pole	10	83	Balsam Fir	High	Variable	Sapling
Paper Birch		20	Log/Pole	10		Tag Alder	Low	5 - 10 feet	Tall Shrub



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments		
7	4130 - Aspen	Sapling Well	56.6	14	1-50	N/A	- 9/27/07 (aspen 84%, birch 7%, balsam fir 1%, mh 8%)-some scattered oak		
Canopy Species		% Cover	Size Class	DBH	Age				
Bigtooth Aspen		86	Sapling	2	14				
Balsam Fir		5	Sapling	3					
Red Pine		2	Log	14					
Northern Pin Oak		2	Log/Pole	12					
White Pine		5	Sapling	3					
8	6229 - Mixed lowland shrub	Nonstocked	2.4			No	-mix of tag alder, willow, and cattail		
9	6119 - Mixed Lowland Deciduous Forest	Sawtimber Well	2.2	92	51-80	N/A	-stand not visited during YOE 2025 field inventory, original field survey done fall-winter 2012-13, increased species canopy diameters by 1 inch -stand was left uncut due to it narrow drainage within stand -split between lowland and upland, went with upland		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Bigtooth Aspen		30	Log	13		Red Maple	Medium	Variable	Sapling
Paper Birch		20	Log/Pole	10		Tag Alder	Medium	5 - 10 feet	Tall Shrub
Red Maple		50	Log/Pole	11	92	Balsam Fir	Medium	Variable	Sapling
10	4199 - Other Mixed Upland Deciduous	Sawtimber Well	4.5	92	51-80	N/A	-stand was left uncut due to it narrow drainage within stand -split between lowland and upland, went with upland		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple		50	Log/Pole	12	92	Tag Alder	Medium	5 - 10 feet	Tall Shrub
Paper Birch		20	Log/Pole	11		Balsam Fir	Medium	Variable	Sapling
Bigtooth Aspen		30	Log	13		Red Maple	Medium	Variable	Sapling
11	6122 - Black Spruce	Poletimber Medium	1.6	65	51-80	N/A	-non-forested lowland shrub inclusion to se, didn't meet mapping rules, .5 acre		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Bigtooth Aspen		10	Log/Pole	13	92	Balsam Fir	Low	Variable	Sapling
Black Spruce		65	Pole	8	65	Black Spruce	Medium	Variable	Sapling
Northern Pin Oak		5	Pole	7					
Red Maple		15	Log/Pole	11					
Paper Birch		5	Pole	8					
12	4134 - Aspen, Spruce/Fir	Poletimber Well	6.9	34	51-80	N/A	-10/30/87 (69% aspen, 30% mh, 1% mc) -walked through stand pretty thoroughly to clean up stand lines from previous inventory in 2015		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black Spruce		5	Pole/Sapling	7		Tag Alder	Medium	5 - 10 feet	Tall Shrub
Quaking Aspen		55	Pole/Sapling	6	34	Balsam Fir	Medium	Variable	Sapling
Red Maple		15	Pole/Sapling	5		Black Ash	Medium	Variable	Sapling
Balsam Fir		25	Pole/Sapling	7		Red Maple	Medium	Variable	Sapling



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																	
13	6124 - Lowland Spruce-Fir	Sapling Poor	3.5	86	51-80	N/A	-dead trees due to saturated soils and frequent flooding -stagnant growth																																																	
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14	6123 - Lowland Fir	Poletimber Well	11.1	73	51-80	N/A	-second growth, now balsam with traces of aspen and cedar -aspen is mostly gone from this stand, a lot of down aspen-wetter than surrounding lowland areas, most-likely why aspen is gone from this stand																																																	
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15	6112 - Lowland Aspen	Poletimber Well	27.6	34	51-80	N/A	-10/30/87 (69% aspen, 30% mh, 1% mc)-stands 78 was part of the past cut, a large area converted to tag alder and willow due to extreme harvest size and high-water table-walked through stand pretty thoroughly to clean up stand lines from previous inventory in 2015																																																	
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16	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Well	39.3	121	81-110	N/A	-aspen is dying out and should be gone in 10 yrs-stand drainage run nw-se-feather moss coverage is 10-15% in west and 30-40% in east half of stand where wetter conditions exist-younger black spruce/balsam fir and older aspen/cedar -more aspen mortality to east half																																																	
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17	4130 - Aspen	Sapling Well	16.8	25	Immature	N/A	-stand not visited during YOE 2025 field inventory, original field survey done fall-winter 2012-13, increased species canopy diameters by 1 inch																																																	
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18	4139 - Aspen, Mixed Deciduous	Poletimber Well	79.6	35	51-80	N/A	-3/2/87 (60% aspen, 30% mh, 10% mc)																																																						
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19	6132 - Mixed Lowland Forest with Cedar	Sawtimber Well	16.1	102	81-110	N/A	-fairly rocky ground in areas-aspen seems to be not declining as bad within this stand, has a little better drainage, and less cedar																																																						
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20	6224 - Treed Bog	Nonstocked	5.4			No	-scattered standing cedar, spruce, and fir trees in water and lowland shrub																																																						
21	4191 - Mixed Upland Deciduous with Conifer	Sawtimber Well	7.3	103	111-140	N/A	-hemlock throughout, especially common in south half																																																						
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22	6124 - Lowland Spruce-Fir	Sapling Well	14.4	86	51-80	N/A	-very shallow O horizon, significantly poor soils with rocky poorly drained soil -if there was an overstory of aspen, most of it is gone																																																						
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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23 6132 - Mixed Lowland Forest with Cedar Sawtimber Medium 30.4 103 81-110 N/A -significant acreage of trees growing on hummocks

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Hemlock	2	Log	12		Black Ash	Medium	Variable	Sapling
Red Maple	3	Pole	6		Tag Alder	Medium	5 - 10 feet	Tall Shrub
Paper Birch	5	Pole	7		Quaking Aspen	Medium	5 - 10 feet	Sapling
Quaking Aspen	50	Log/XLog	15	103	Red Maple	Medium	Variable	Sapling
Black Spruce	5	Pole	7		Balsam Fir	Medium	Variable	Sapling
Northern White Cedar	20	Pole/Log	9		Northern White Cedar	Medium	Variable	Pole
Balsam Fir	15	Pole	7					

24 6229 - Mixed lowland shrub Nonstocked 3.0 No

25 429 - Mixed Upland Conifers Sawtimber Well 29.8 94 141-170 N/A -one of the few last mixed upland natural pine stands left in the compartment

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Pine	29	XLog/Log	21	94	Balsam Fir	High	Variable	Sapling
Red Pine	17	Log/XLog	16		White Spruce	Low	Variable	Sapling
Paper Birch	2	Log/Pole	10					
Red Maple	8	Pole/Log	9					
Quaking Aspen	19	Log/Pole	13					
Balsam Fir	15	Pole/Log	8					
White Spruce	4	Log/Pole	12					
Bigtooth Aspen	6	Log/Pole	13					

-high in large log white pine
-potential legacy wp over 26 inches are commonly found
-broad base seasonal drainage to west 1/3rd of stand flowing from the south to north

26 122 - Road/Parking Lot Nonstocked 2.8 0 No

27 42120 - Planted Jack Pine Sapling Well 19.1 24 1-50 N/A -2/27/98 (wp 5%, rp 12%, jp 71%, oak 1%, aspen 8%)

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Bigtooth Aspen	5	Sapling	3		White Pine	Medium	5 - 10 feet	Sapling
White Pine	5	Sapling	3		Balsam Fir	Medium	5 - 10 feet	Sapling
Balsam Fir	5	Sapling	3		Red Maple	Medium	5 - 10 feet	Sapling
Jack Pine	85	Sapling	3	24				

28 42290 - Natural Mixed Pine Sawtimber Well 26.1 60 81-110 N/A -planted rp in 1962 with variable stocking

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Jack Pine	36	Pole/Log	8	60	White Pine	Low	Variable	Sapling
Red Maple	3	Pole	7		Red Maple	Low	Variable	Sapling
Bigtooth Aspen	15	Pole/Log	8		Black Cherry	Low	Variable	Sapling
Red Oak	8	Log	13		Red Pine	Low	Variable	Sapling
Red Pine	35	Log/Pole	12	60				
White Pine	3	Log/Pole	13					

-more open stand with scattered cherry
-PARVHa/PVCD, medium low rp site, patchy reindeer moss coverage, low deciduous adv regen, low rm
-jack pine are not showing much decline or budworm dmg yet
-red pine are still fairly young and need diameter gains



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																																		
29	6130 - Fir, Aspen, Maple	Sawtimber Medium	13.4	101	51-80	N/A	-diverse stand with significant amounts of down timber, mostly aspen-second growth of conifers coming in as aspen fall down-less of a defined canopy in this stand, broken up-heavy deer and rabbit use-stand is currently providing a lot of thermal protection for deer -very hard to walk through																																																																		
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30	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Poor	34.1	60	51-80	N/A	-diverse stand with significant amounts of down timber, mostly aspen-second growth of conifers coming in, most aspen has fallen out of canopy, still 2 aged-overstory aspen is has less coverage in this stand vs stand 29-heavy deer and rabbit use-stand is currently providing a lot of thermal protection for deer -very hard to walk through																																																																		
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31	122 - Road/Parking Lot	Nonstocked	1.3			No																																																																			
32	42121 - Planted Jack Pine, Mixed Deciduous	Sapling Well	13.0	24		N/A	-stand not visited during YOE 2025 field inventory, original field survey done fall-winter 2012-13, increased species canopy diameters by 1 inch -2/27/98 (90% jp, 10% other) -direct seeding/furrowed to jp completed 10/97, very mild fall with average moisture																																																																		
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33	790 - Other Bare/Sparsely Vegetated	Nonstocked	51.1	0		4211 - Planted Red Pine	Trenching for the planting of red pine was completed on 5/22/22. -wp regen -clearcut complete 2/18/18 ish -C54-1108 Roller chopped 5/23/21																																																																		



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																									
34	4130 - Aspen	Poletimber Well	55.1	56	81-110	N/A	-stand is healthy, minor evidence of internal rot																																																									
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35	42120 - Planted Jack Pine	Poletimber Well	4.4	60	51-80	N/A	- planted a total of 7 acres and was began on 10/29/62 and completed on 11/1/62-they basically planted this stand and some of the borrow pit which was used in county road construction (non-forested stand to the south)-it appears that this ~4 acres is the only acreage that survived-east 80-100ft is seasonally flooded																																																									
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37	42210 - Natural Red Pine	Sawtimber Well	1.6	126	141-170	N/A	-cut through 56 yrs ago from the east in some areas -very tall, scaly and high-density red pine																																																									
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38	3104 - Degraded	Nonstocked	2.6			No	-old borrow pit-ORV activity, and trash dumping-willow, cherry & spruce along edges-completely flooded in spring, dry in August																																																									



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39	42120 - Planted Jack Pine	Poletimber Well	80.8	48	81-110	N/A	-was clearcut in 1974- 6/25/77 (jp 99%, aspen 1%)-no planting record off cards, well defined furrows and rows																																																															
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40	6229 - Mixed lowland shrub	Nonstocked	1.0			No																																																																
41	42121 - Planted Jack Pine, Mixed Deciduous	Sapling Well	22.5	24	51-80	N/A	-no planting record off card-2/27/98 (wp 5%, rp 12%, jp 71%, oak 1%, aspen 8%)																																																															
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42	6239 - Mixed Emergent Wetland	Nonstocked	3.9			No	-marsh with cattails, sedge, and low-density lowland conifer spruce and fir trees																																																															
43	3302 - Low Density Conifer Trees	Nonstocked	2.4		Unspecified	No	-stand not visited during YOE 2025 field inventory, original field survey done fall-winter 2012-13																																																															
44	42110 - Planted Red Pine	Poletimber Well	37.3	36	111-140	N/A	-hand planting to RP completed in May 1988 during drought year -50% live crown -120, 90, 80, 110, 110, 80, 90, 90, 160, 150, 80, 90, 160, 110, 130, 140, 120, 150= 114 BA average (2023)																																																															
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45	42220 - Natural Jack Pine	Poletimber Poor	1.9	62	1-50	N/A	-natural regen here, poor stocking																																																															
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46	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	4.5	62	81-110	N/A	-stand that is species rich with sugar maple -significant presence of birch and pole down trees -was harvested in the past																																																																						
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47	6112 - Lowland Aspen	Poletimber Well	1.4	45		N/A	-stand not visited during 2025 YOE inventory, increased diameters by 1 inch -lowland with bam present																																																																						
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48	6139 - Mixed Lowland Forest	Poletimber Well	10.5	98	51-80	N/A	-stagnant growth, muck																																																																						
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49	3303 - Mixed Low Density Trees	Nonstocked	1.7			No																																																																							
50	4130 - Aspen	Poletimber Well	12.7	91	51-80	N/A	-evidence of burn along west edge of stand -50-75% cc,10%rm,5%wp, 5%rp, 15%bf 36%bta, 22%qa, 3%ro15in, 3%20inwp, 1%16inrp																																																																						
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments		
51	42110 - Planted Red Pine	Sawtimber Well	13.9	59	111-140	N/A	-planting # 120 (sec. 16 sene) -machine planted -planting of 7.5x7.5 rp began 10/18/62 & completed 10/19/62 for 11 actual acres		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Jack Pine		15	Pole	8		White Pine	Low	Variable	Sapling
Red Pine		85	Log/Pole	10	59	Red Pine	Low	Variable	Sapling
52	6112 - Lowland Aspen	Sawtimber Well	32.2	101	51-80	N/A	-aspen are all showing internal rot but are alive -hemlock pocket adj to e-w two-track to north -wp in overstory mainly in the south part of stand -heavy amount of deer and rabbit tracks throughout stand, 1 print/sq ft		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Quaking Aspen		43	Log/Pole	13	101	Red Maple	Medium	Variable	Sapling
Black Spruce		8	Pole/Log	8		Balsam Fir	High	Variable	Sapling
Balsam Poplar		17	Pole/Log	8		Black Spruce	Low	Variable	Sapling
Hemlock		2	Log/Pole	12		Black Ash	Medium	Variable	Sapling
White Pine		15	Log/XLog	16					
Red Maple		7	Pole/Log	9					
Paper Birch		3	Pole	8					
Northern White Cedar		5	Log/Pole	12					
53	3303 - Mixed Low Density Trees	Nonstocked	3.8	0		No	-1/31/08 (vol.- aspen 93%, mh 7%) -had wp protection -deer browse heavy in places to NW, center, and sw weith patchy areas with no-low regen		
54	623 - Emergent Wetland	Nonstocked	1.1			No	-old borrow pit -ORV activity, and trash dumping -willow, cherry & spruce along edges -completely flooded in spring		
55	42110 - Planted Red Pine	Sawtimber Well	32.3	77	111-140	N/A	-variable density and rp size classes despite being a plantation -appears to have had variable success when planted -1939 planting card record, core age younger -stocking is variable		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Oak		10	Log/Pole	13		Bigtooth Aspen	Medium	5 - 10 feet	Sapling
Red Pine		90	Log/Pole	13	77	Black Cherry	Low	5 - 10 feet	Sapling
						Red Pine	Low	Variable	Sapling
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56	42220 - Natural Jack Pine	Poletimber Well	9.5	38	81-110	N/A	-natural jp regeneration -cut during same time as stand 44 to the adjacent north		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Pine		5	Log/Pole	11		Red Maple	Low	5 - 10 feet	Sapling
Red Pine		5	Pole	7		Black Cherry	Low	5 - 10 feet	Sapling
Jack Pine		85	Pole	7	38	White Pine	Low	5 - 10 feet	Sapling
Red Pine		5	XLog	22					



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57	42250 - Pine, Oak	Sawtimber Medium	9.4	97	51-80	N/A	- 1/31/08 (vol.- jp 8%, aspen 31%, rp 62%, mh 1%) -heavy deer browse on rm and aspen-more open in sw half of stand with more aspen and red maple regeneration, ba under 50 there-ne half high adv wp coverage with higher ba between 50-80																																																																	
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59	4130 - Aspen	Poletimber Well	7.6	48		N/A	-25%bta1in, 50%qa1in, 10%rm1in,5%wp1in, 5%rp1in,3%14inwp, 2%14inrp, 50-75%cc																																																																	
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60	6239 - Mixed Emergent Wetland	Nonstocked	6.0		Unspecified	No	-2-5ft stream with lowland shrub pockets and wetland marsh																																																																	
61	6128 - Lowland Coniferous, Mixed Deciduous	Sawtimber Medium	11.9	97	51-80	N/A	-stand is protecting an intermittent wetland drainageway flowing to the north -small jp pocket was merged within stand to se -highly variable stand in composition																																																																	
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62	4132 - Aspen, Jack Pine	Sapling Well	4.9	24	1-50	N/A	-2/27/98 (wp 5%, rp 12%, jp 71%, oak 1%, aspen 8%)																																																											
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63	42290 - Natural Mixed Pine	Sawtimber Poor	8.5	72	1-50	N/A	-same composition as north except much lower density, medium jp saps in subcanopy, and wp and jp in canopy																																																											
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64	4130 - Aspen	Poletimber Well	25.5	50	81-110	N/A	-clearcut on 12/20/72 -minimal rot, good site, sugar maple in subcanopy -white pine in subcanopy in n half where white pine log trees are common																																																											
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65	4132 - Aspen, Jack Pine	Sapling Medium	17.2	16		N/A	-stand not visited during YOE 2025 field inventory, original field survey done fall-winter 2012-13, increased species canopy diameters by 1 inch -stand unintentionally burned and was salvaged -2007 (aspen 37%, rp 12%, wp 27%, jp 24%) -stand was part of Radio Mix- 54-031-05-01 sale -was RX for cc, cut all trees -had wp protection spec in sale																																																											
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66	3303 - Mixed Low Density Trees	Nonstocked	1.1	0		No	-stand not visited during YOE 2025 field inventory, original field survey done fall-winter 2012-13																																																											
67	3303 - Mixed Low Density Trees	Nonstocked	2.8	0		No	-stand unintentionally burned and was salvaged -2007 (aspen 37%, rp 12%, wp 27%, jp 24%)																																																											



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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68 42121 - Planted Jack Pine, Mixed Deciduous Sapling Well 10.1 24 1-50 N/A
 -no planting record off card
 -stand not visited during YOE 2025 field inventory, original field survey done fall-winter 2012-13, increased species canopy diameters by 1 inch -2/27/98 (wp 5%, rp 12%, jp 71%, oak 1%, aspen 8%)

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Bigtooth Aspen	30	Sapling	3		Balsam Fir	Low	Variable	Sapling
Balsam Fir	5	Sapling	3		Black Cherry	Medium	Variable	Sapling
Jack Pine	60	Sapling	3	24	White Pine	Medium	Variable	Sapling

69 42210 - Natural Red Pine Sawtimber Well 2.7 100 81-110 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Jack Pine	3	Pole	7		White Pine	Medium	Variable	Sapling
White Pine	30	Log/Pole/XLog	13					
Red Maple	7	Pole	8					
Red Pine	60	Log/XLog	16	100				

70 3303 - Mixed Low Density Trees Nonstocked 1.0 0 No
 -stand not visited during YOE 2025 field inventory, original field survey done fall-winter 2012-13
 -stand unintentionally burned and was salvaged
 -2007 (aspen 37%, rp 12%, wp 27%, jp 24%)

71 6112 - Lowland Aspen Sawtimber Medium 8.3 56 81-110 N/A
 -2-5ft wide perennial stream runs through stand, crossable on foot

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	20	Log/Pole	10		Balsam Fir	Medium	Variable	Sapling
Northern White Cedar	15	Log/Pole	11		Red Maple	Medium	Variable	Sapling
Paper Birch	5	Log/Pole	12		Tag Alder	Medium	5 - 10 feet	Tall Shrub
Quaking Aspen	45	Log/Pole	12	56	Black Ash	Medium	Variable	Sapling
Balsam Fir	15	Pole/Log	9					

72 4191 - Mixed Upland Deciduous with Conifer Sapling Medium 13.5 14 1-50 N/A
 -1/31/08 (vol.- aspen 93%, mh 7%)
 -had wp protection
 -deer browse heavy in places to NW, center, and sw with patchy areas with no-low regen

Canopy Species	% Cover	Size Class	DBH	Age
White Pine	15	Sapling	3	
Red Pine	15	Sapling	2	
Red Oak	5	Log	15	
White Pine	3	Log	13	
Red Pine	5	Log	14	
Red Maple	17	Sapling	2	
Bigtooth Aspen	35	Sapling/Pole	3	14



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73	429 - Mixed Upland Conifers	Sawtimber Well	30.7	96	111-140	N/A	-inventory QD completed, see attached document -transitional stand with upland cedar (fairly rare) and hemlock presence is common -diverse stand with significant amounts of down timber, mostly aspen -less of a defined canopy in this stand, broken up in northern 3rd with second growth of fir -lowland areas more common in middle area of stand -high species richness and variable structure																																																																							
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Northern White Cedar	Low	Variable	Sapling																																																																											
74	6229 - Mixed lowland shrub	Nonstocked	4.6			No																																																																								
75	6118 - Lowland Deciduous with Cedar	Sawtimber Medium	2.0	93	81-110	N/A																																																																								
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76	42210 - Natural Red Pine	Sawtimber Well	2.7	100	81-110	N/A																																																																								
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77	4311 - Pine, Aspen Mix	Sawtimber Well	3.3	113	81-110	N/A																																																																								
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78	622 - Lowland Shrub	Nonstocked	19.7			No	-area was cut with stand 15 but had poor regeneration results due to higher water table and large cut acreage																																																																							



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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79 6128 - Lowland Coniferous, Mixed Deciduous Sawtimber Medium 3.7 93 81-110 N/A

Canopy Species	% Cover	Size Class	DBH	Age
Paper Birch	3	Pole/Log	8	
Northern White Cedar	45	Pole/Log	8	93
Quaking Aspen	15	Log/XLog	16	
White Pine	2	XLog	24	
Red Maple	5	Pole/Log	8	
White Spruce	5	Log/Pole	12	
Black Spruce	5	Pole/Log	8	
Balsam Fir	20	Pole	7	

Sub-Canopy Species	Density	Avg. Height	Size
Black Ash	Medium	Variable	Sapling
Northern White Cedar	Low	Variable	Sapling
Balsam Fir	Medium	Variable	Sapling

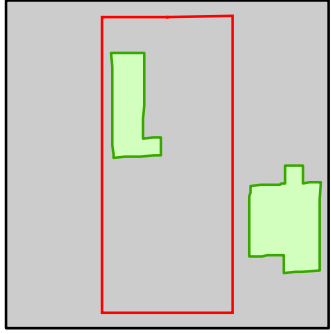
82 6117 - Lowland Deciduous, Mixed Coniferous Sawtimber Well 7.2 97 81-110 N/A

Canopy Species	% Cover	Size Class	DBH	Age
Paper Birch	5	Log/Pole	12	
Red Maple	30	Log/Pole	11	
Quaking Aspen	35	Log/XLog	15	97
Balsam Fir	30	Pole/Log	8	

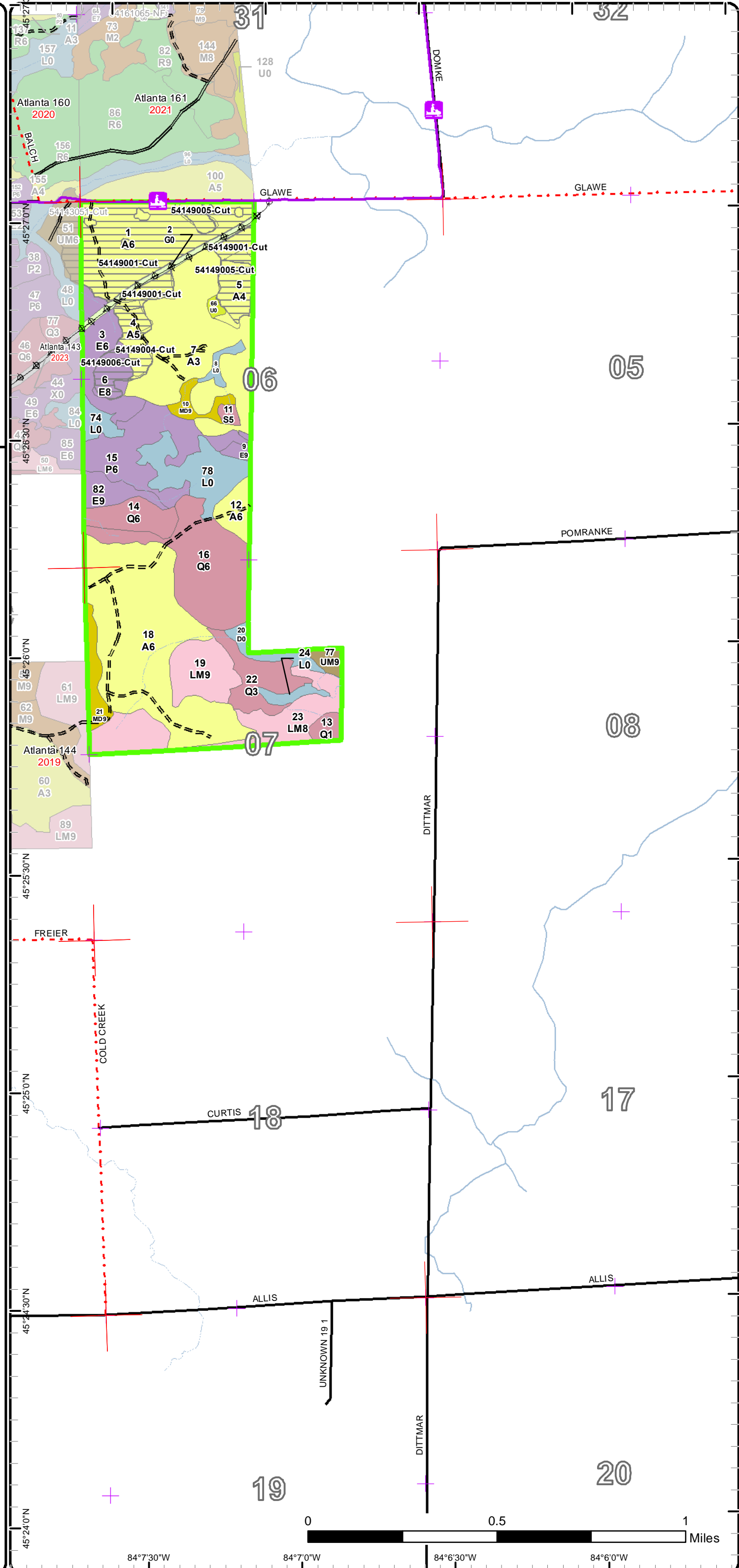
Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	Medium	Variable	Sapling
Northern White Cedar	Low	Variable	Sapling
Tag Alder	Medium	5 - 10 feet	Tall Shrub
Red Maple	Low	Variable	Sapling
Black Spruce	Low	Variable	Sapling

Cover Type & Treatments Map

Compartment: 149
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 YOE: 2025
 Acres: 1185.9 GIS Calculated
 Examiner: Darrick Coy
 Map Revised: 6/6/2023
 Map Phase: Pre-Review

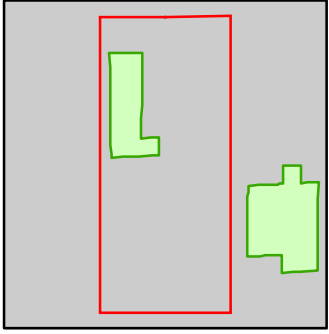


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- 419 - Mixed Upland Deciduous
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- 622 - Lowland Shrub

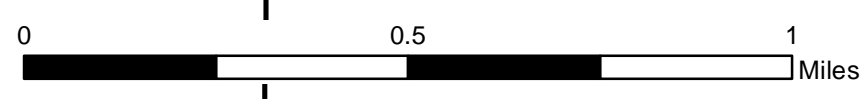
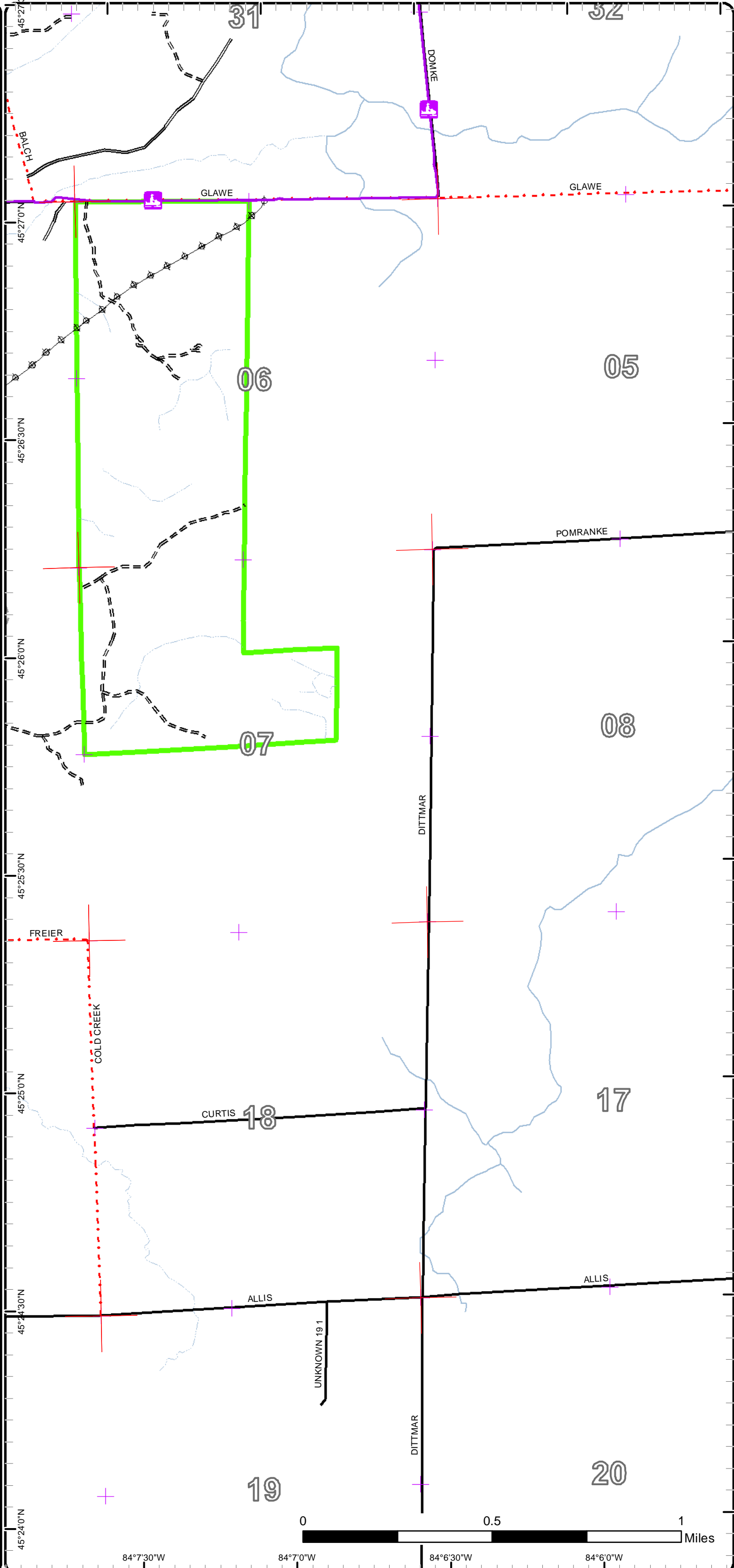


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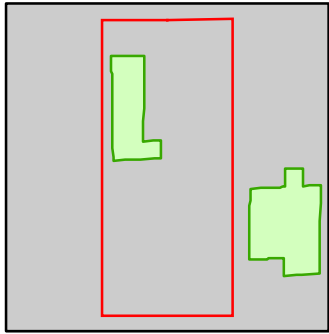
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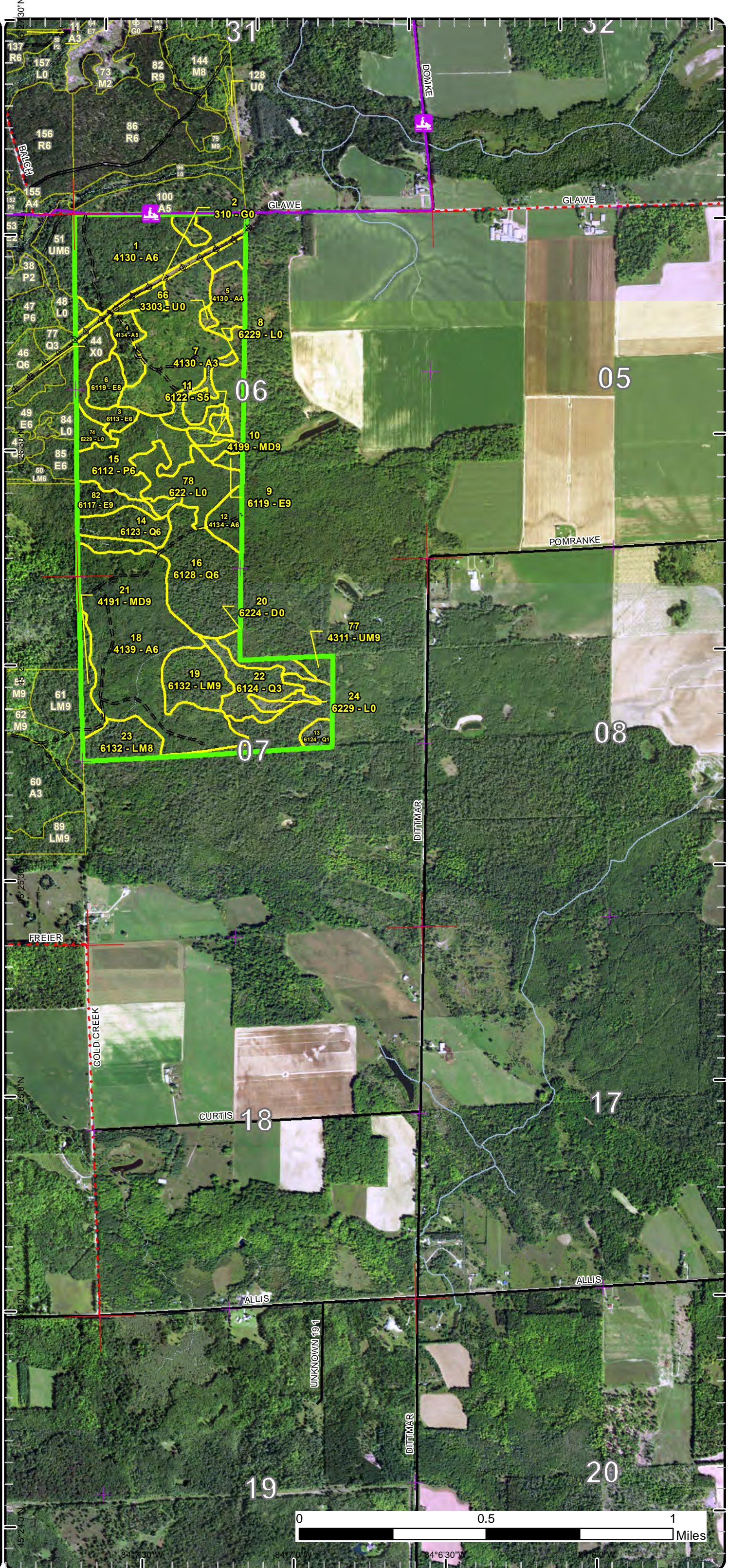
84°7'30"W 84°7'0"W 84°6'30"W 84°6'0"W

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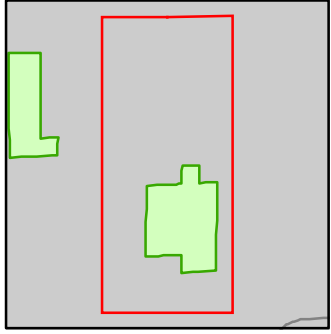


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- 2G: Too wet (sensitive soils, does not include access issues)
- 3A: Conservation Values incompatible with harvest at this time
- 3J: Water quality / BMPs (stream, river, or lake)
- 5A: Not able to obtain desirable regeneration
- 5E: Long-Term Retention
- Stand Boundaries
- SCA
- Cold Water Streams
- Riparian Area

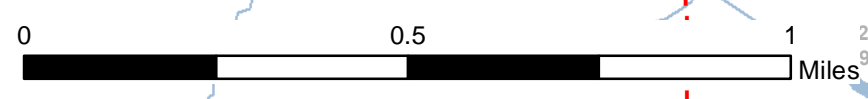
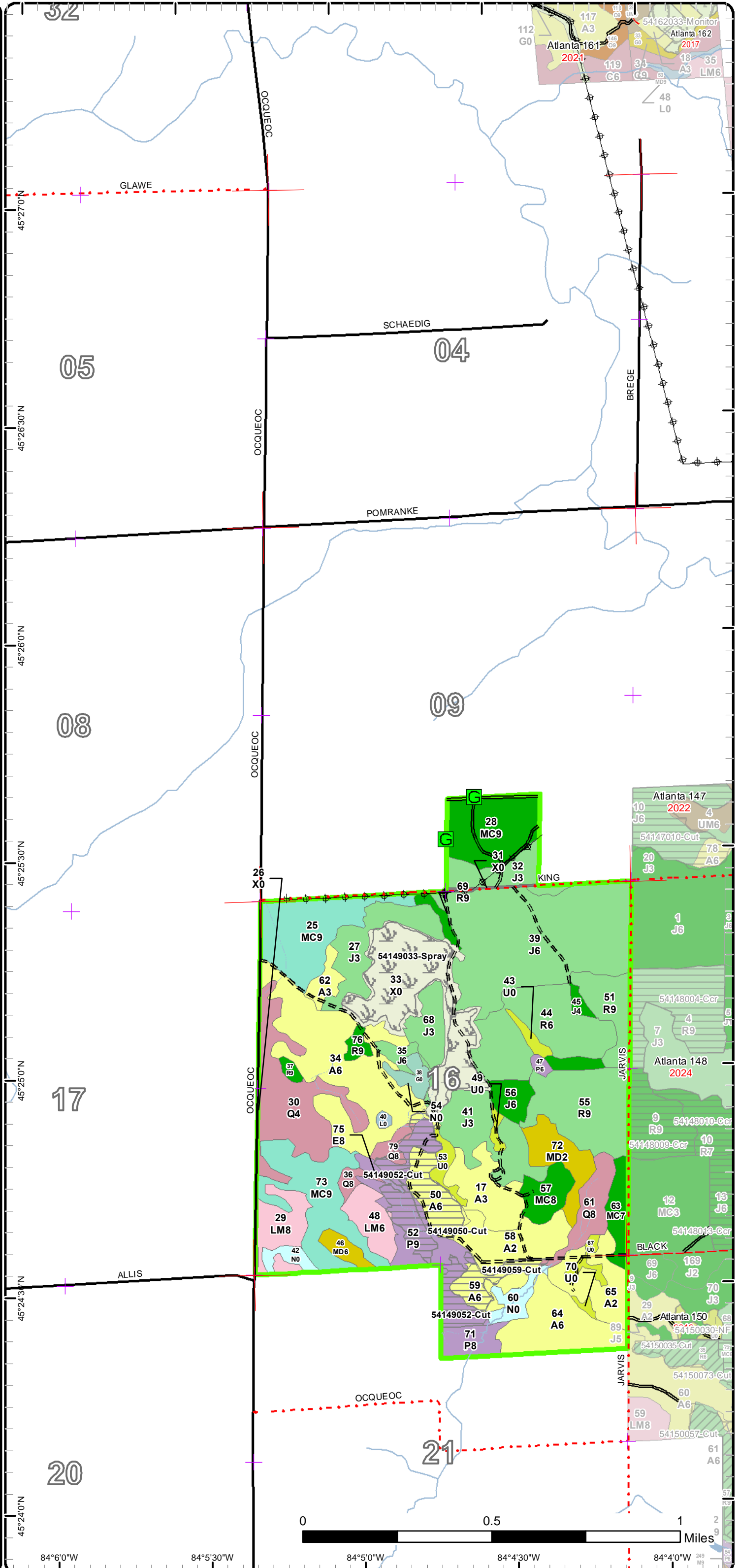


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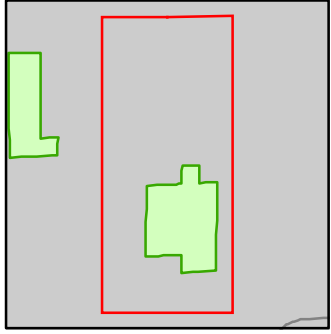
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- 790 - Other Bare/Sparsely Vegetated



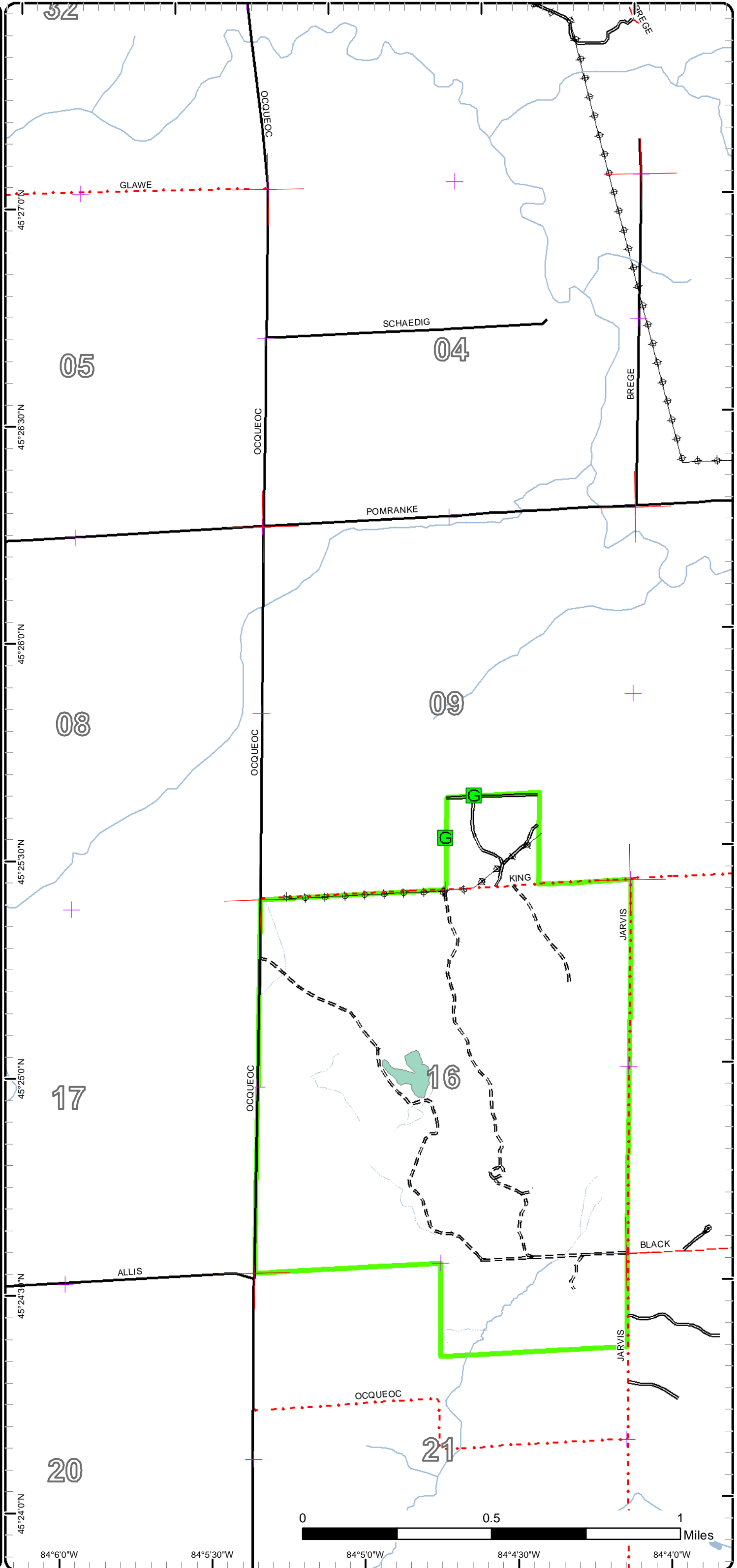
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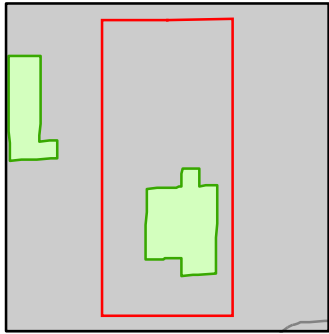


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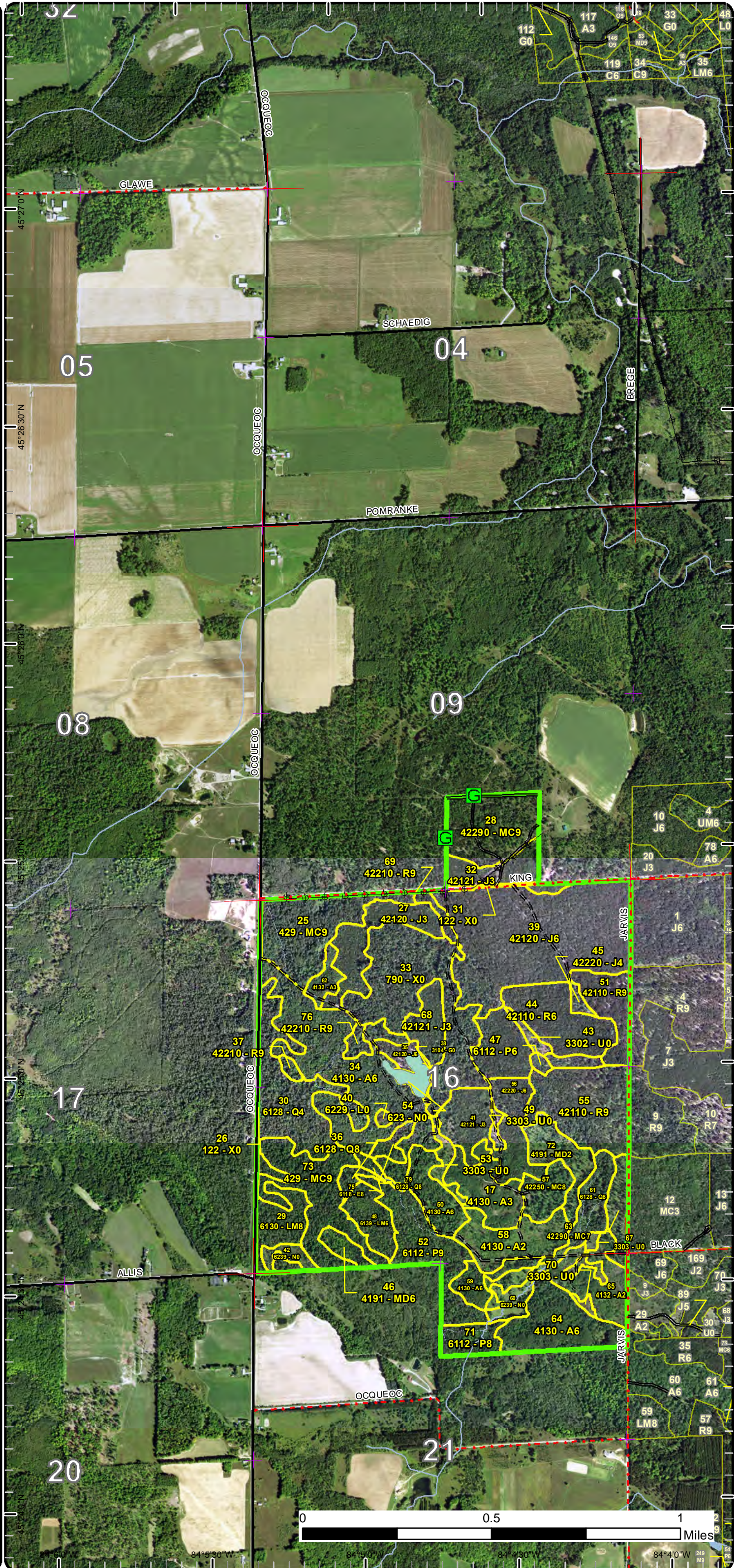


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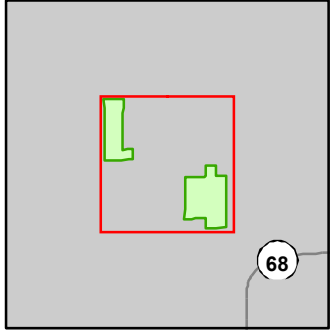


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- Vernal Pool

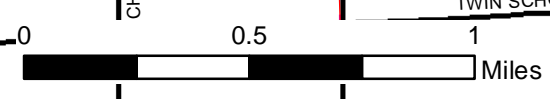
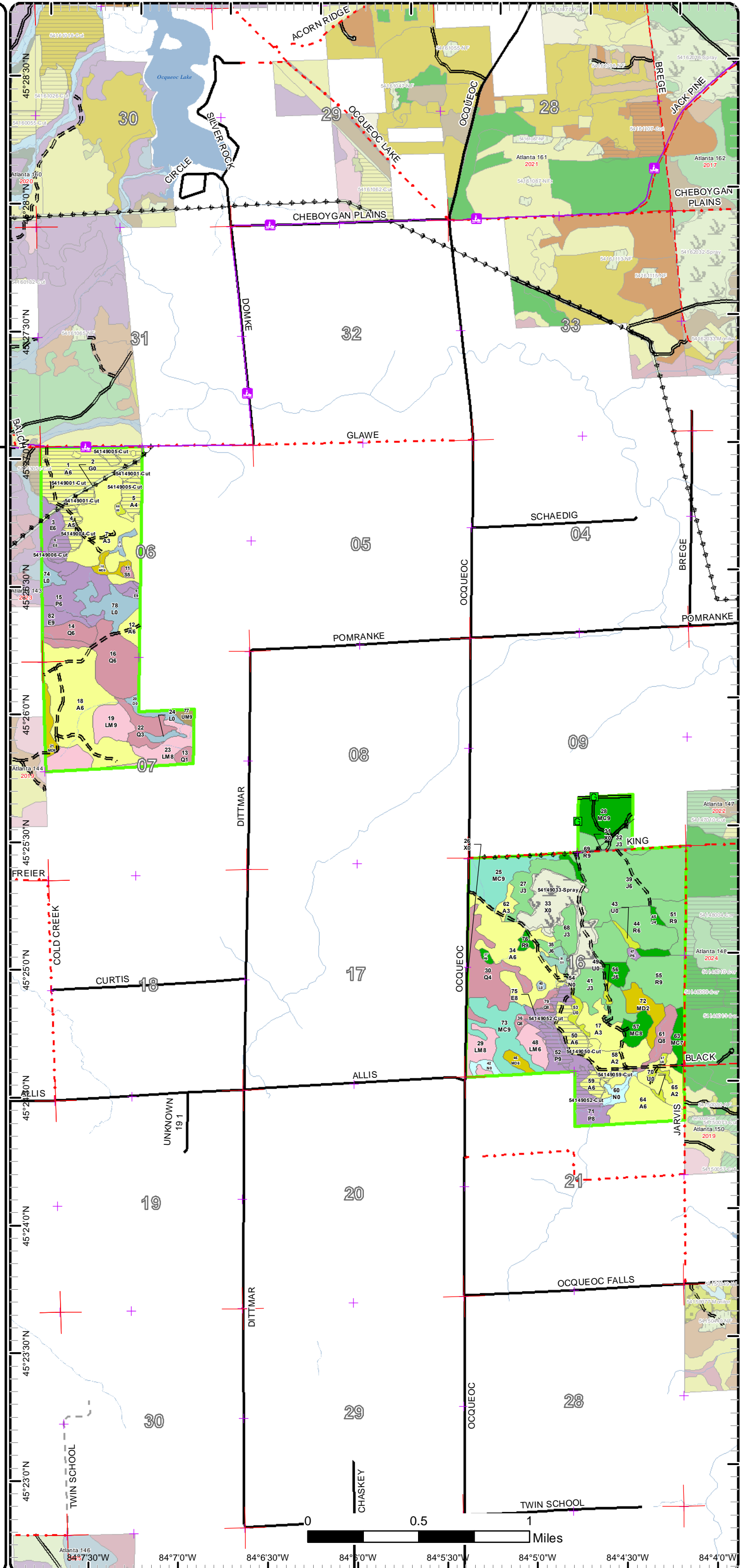


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Atlanta 146 84°7'0"W 84°6'30"W 84°6'0"W 84°5'30"W 84°5'0"W 84°4'30"W 84°4'0"W