



Compartment Review Presentation

Atlanta Forest Management Unit

Compartment 54084

Entry Year 2019

Acreage: 948

County Alpena

Management Area: Alpena Lake Plain

Revision Date: 2017-05-24

Stand Examiner: Richard Barber

Legal Description:

T29N, R08E, Sections 12, 13, 24, 25 & 36; T29N, R09E, Sections 7, 18 & 19.

Identified Planning Goals:

Develop management plan for Ossineke ERA complex. Manage state forest land.

Soil and topography:

Typically a flat, swampy compartment. Much of the compartment is dune and swale, representing former Lake Huron shorelines.

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

This compartment adjoins and overlaps Ossineke CDP. Surrounding private lands are largely farms, hunting camps, or residential. In particular, there are many residences located along the US-23 corridor.

Unique Natural Features:

One or more reported.

Archeological, Historical, and Cultural Features:

One or more reported.

Special Management Designations or Considerations:

Ossineke ERA Complex is located in the area of the State Forest Campground.

Watershed and Fisheries Considerations:

Lake Huron and tributaries.

Wildlife Habitat Considerations:

The southern part of this compartment is part of a multiple compartment, large scale block of public land providing contiguous wildlife pathways that are necessary for many of our large game animals such as black bear. Habitat components of cedar and wetland complexes as well as aspen provide food and cover for multiple species at a variety of age classes. We are working to maintain winter cover areas as well as keep a good age rotation of aspen in this compartment with consideration of adjacent compartments. Species which benefit from our management include white-tailed deer, black bear, ruffed grouse, woodcock, and many other game and non-game species.

Mineral Resource and Development Concerns and/or Restrictions

There is no metallic mineral potential in this part of the state. Active sand/gravel pits are located just to the south of the compartment, in Alcona County. Sand and gravel potential appears to be good within the compartment, but the shallow water table could inhibit development. The compartment is just outside the current extent of Antrim Shale gas development. There may be some minor additional Antrim potential here, but the formation is thinning (less than 200 feet thick) and appears to disappear just east of the compartment. Furthermore, the Antrim wells nearest the compartment were not productive and were plugged and abandoned shortly after their completion. To the east of the compartment, there has been gas and condensate production from the Burnt Bluff Group and St. Peter Sandstone at the Hardwood Point Field. It is unknown whether additional deep gas reservoirs may exist beneath the compartment. Some of the compartment is currently leased for oil and gas exploration and development.

Vehicle Access:

Sanborn Rd. is the access road to the north, Tolan Rd. and Scott Rd. to the south.

Survey Needs:

Some lines may be needed for timber operations.

Recreational Facilities and Opportunities:

Ossineke State Forest Campground is popular year round with local residents, who use it more like a park.

Fire Protection:

Sanborn Twp. and MDNR Alpena provide fire protection.

Additional Compartment Information:

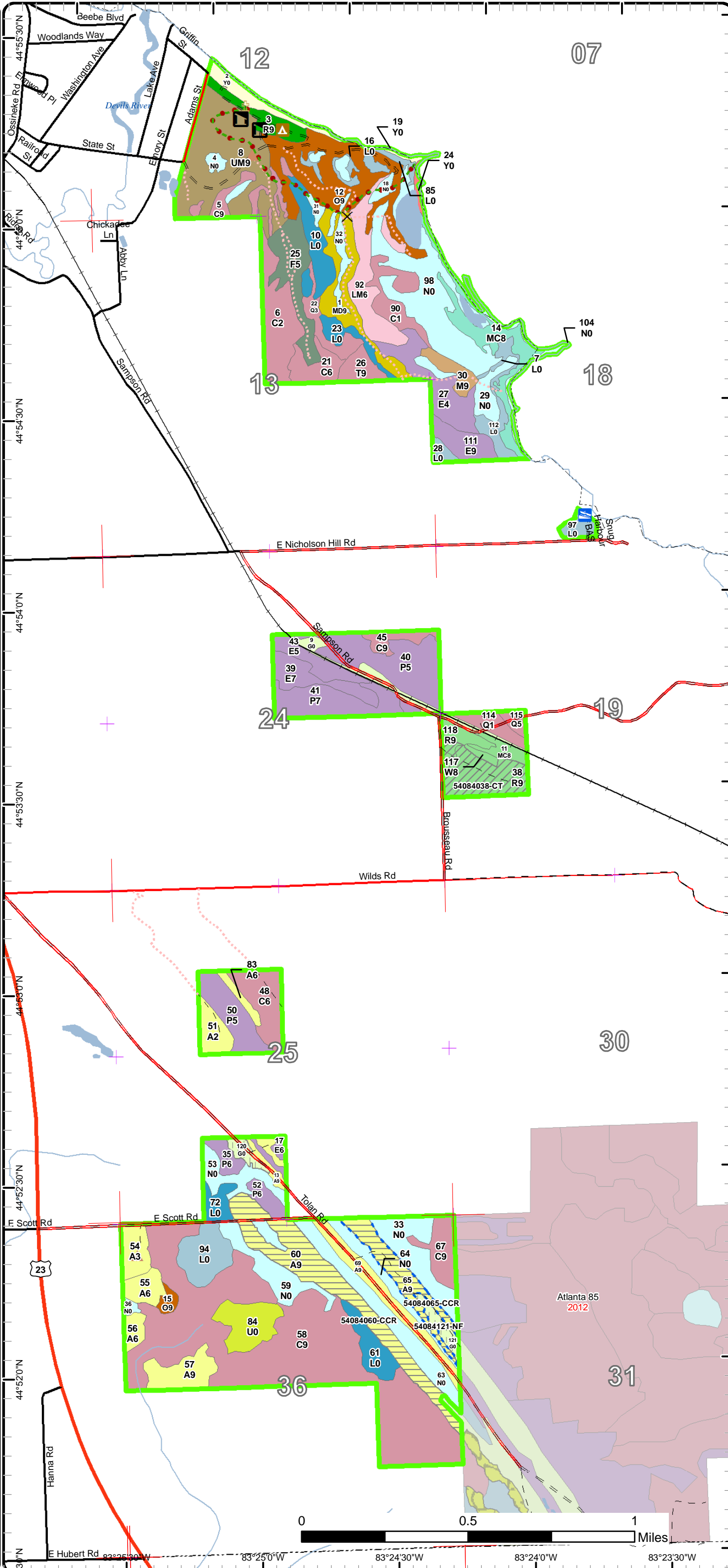
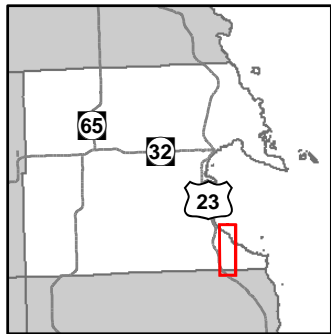
The following reports from the Inventory are attached:

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

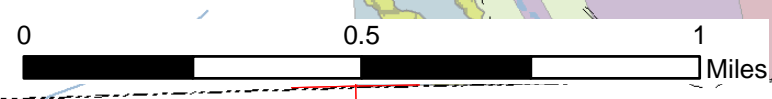
The following information is displayed, where pertinent, on the attached compartment maps:

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

Cover Type & Treatments Map
 Compartment: 84
 T32N,R08E,Sec:12, 13, 24, 25, 36
 T32N,R09E,Sec:7, 18, 19
 County: Alpena
 Unit: Atlanta
 Mgmt Area: Alpena Lake Plain
 YOE: 2019
 Acres: 948.1 GIS Calculated
 Examiner: Richard Barber
 Map Revised: 10/4/2017
 Map Phase: Post-Review



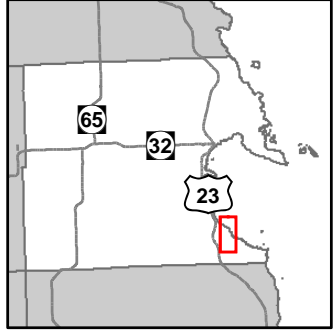
- Miris Corners
- Remonumented Section Corners
- Counties
- Gate
- Berms
- Toilet
- Boating Access Site
- Campground
- Cemetery
- Designated Hiking Trails
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- Streams
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- State Boundary
- Compartment Boundary
- Treatments with Site Conditions
- Clearcut (w/Reserves)
- Thinning (Crown, Low, Systematic)
- Opening Maintenance
- 411 - Northern Hardwood
- 412 - Oak Types
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
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- 429 - Mixed Upland Conifers
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- 613 - Lowland Mixed Forest
- 310 - Herbaceous Openland
- 330 - Low Density Trees
- 622 - Lowland Shrub
- 623 - Emergent Wetland
- 629 - Mixed non-forested wetland
- 710 - Sand/Soil
- 730 - Mud Flats
- Lakes



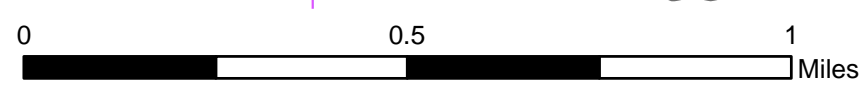
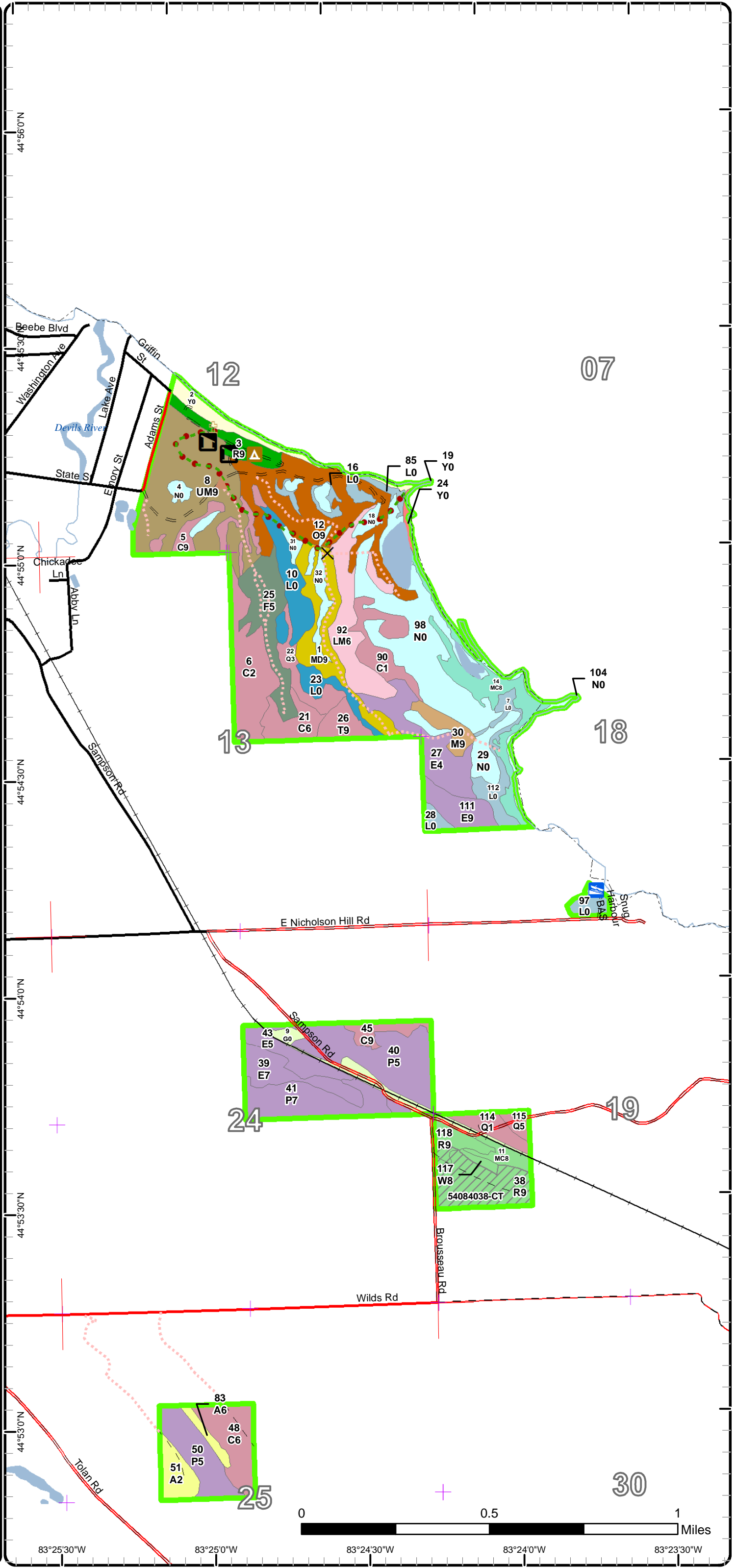
44°53'30"N 83°25'30"W 83°24'30"W 83°24'0"W 83°23'30"W

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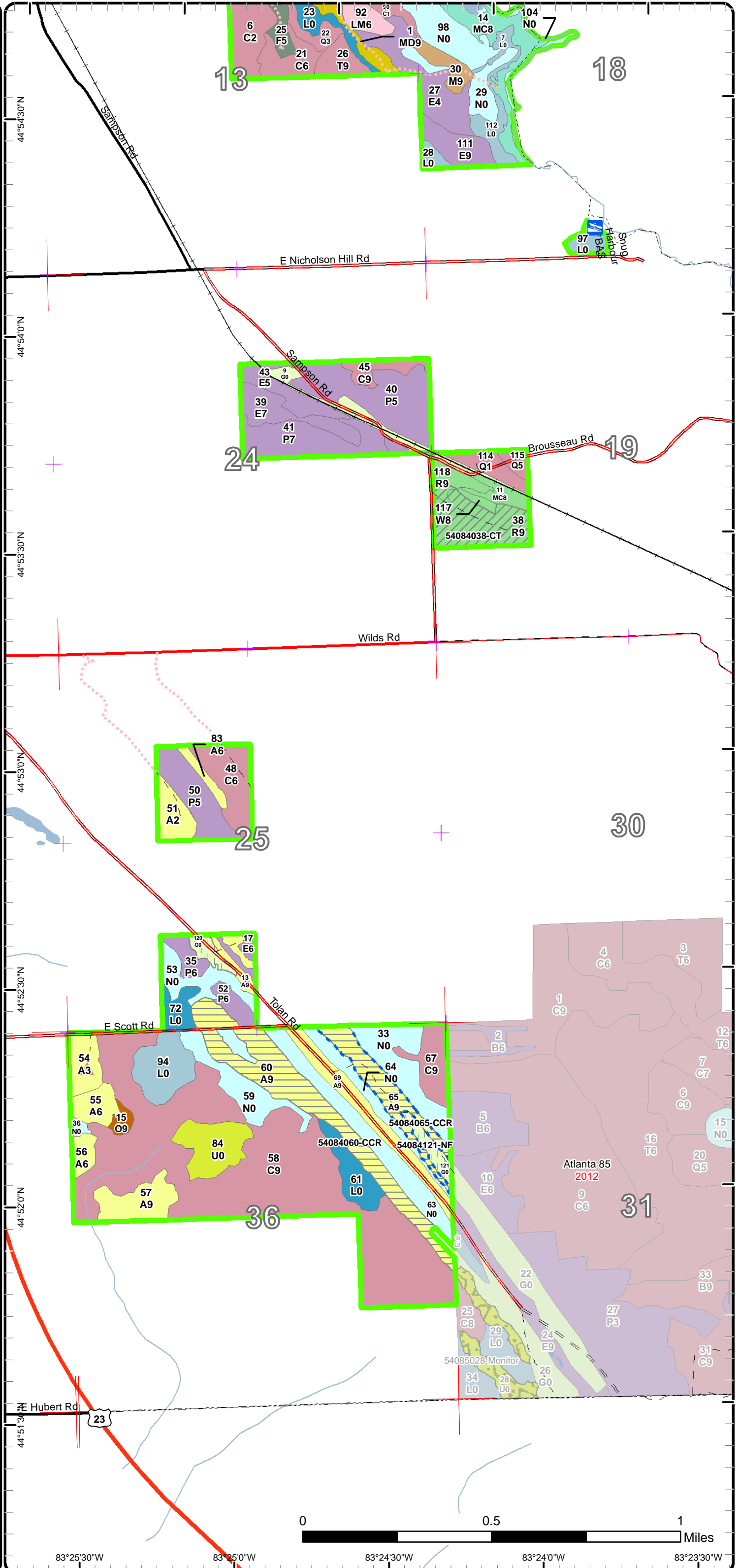
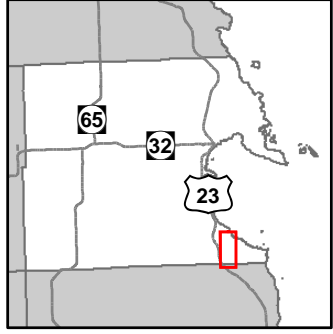
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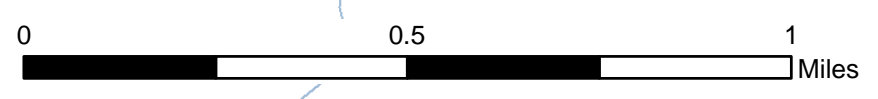
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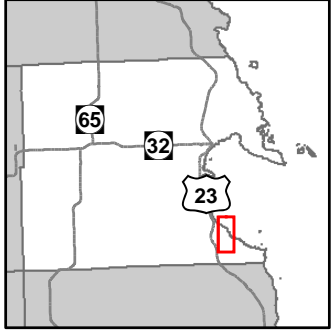
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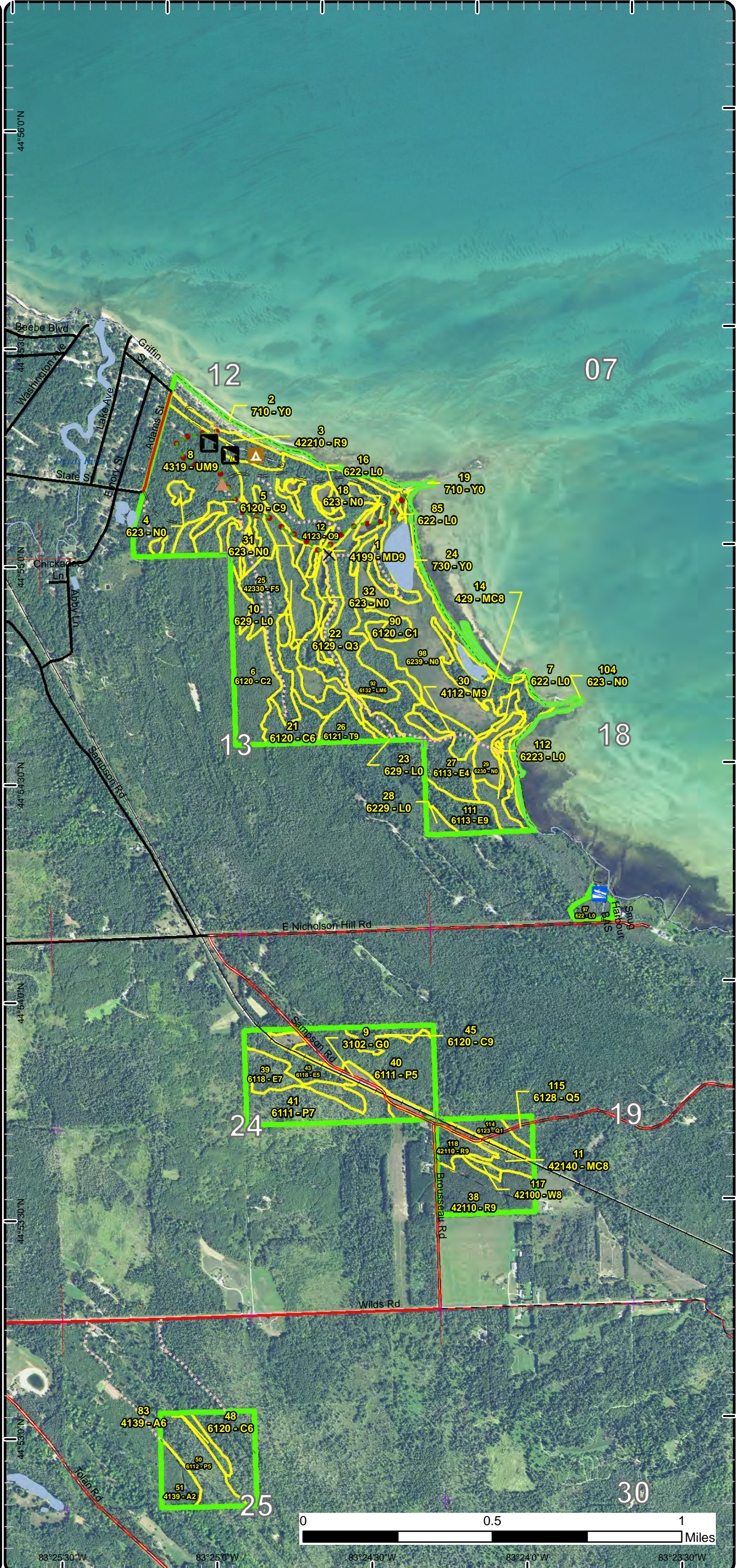
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Stand Boundary Map

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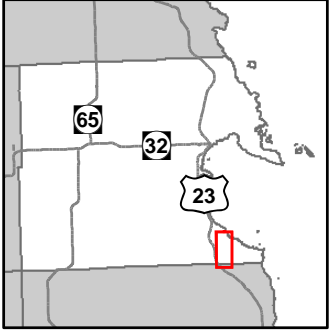


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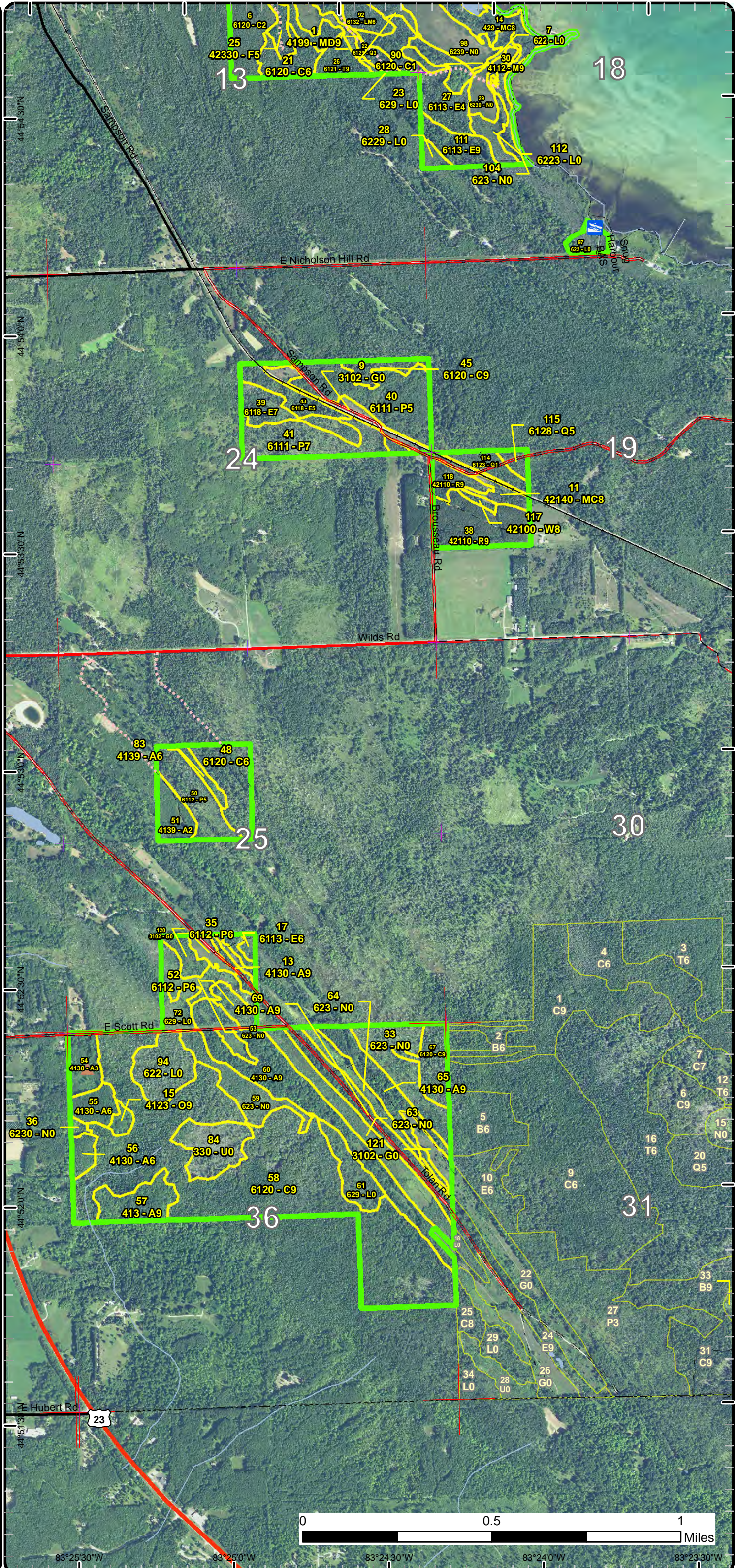


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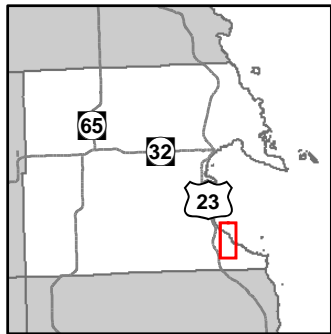
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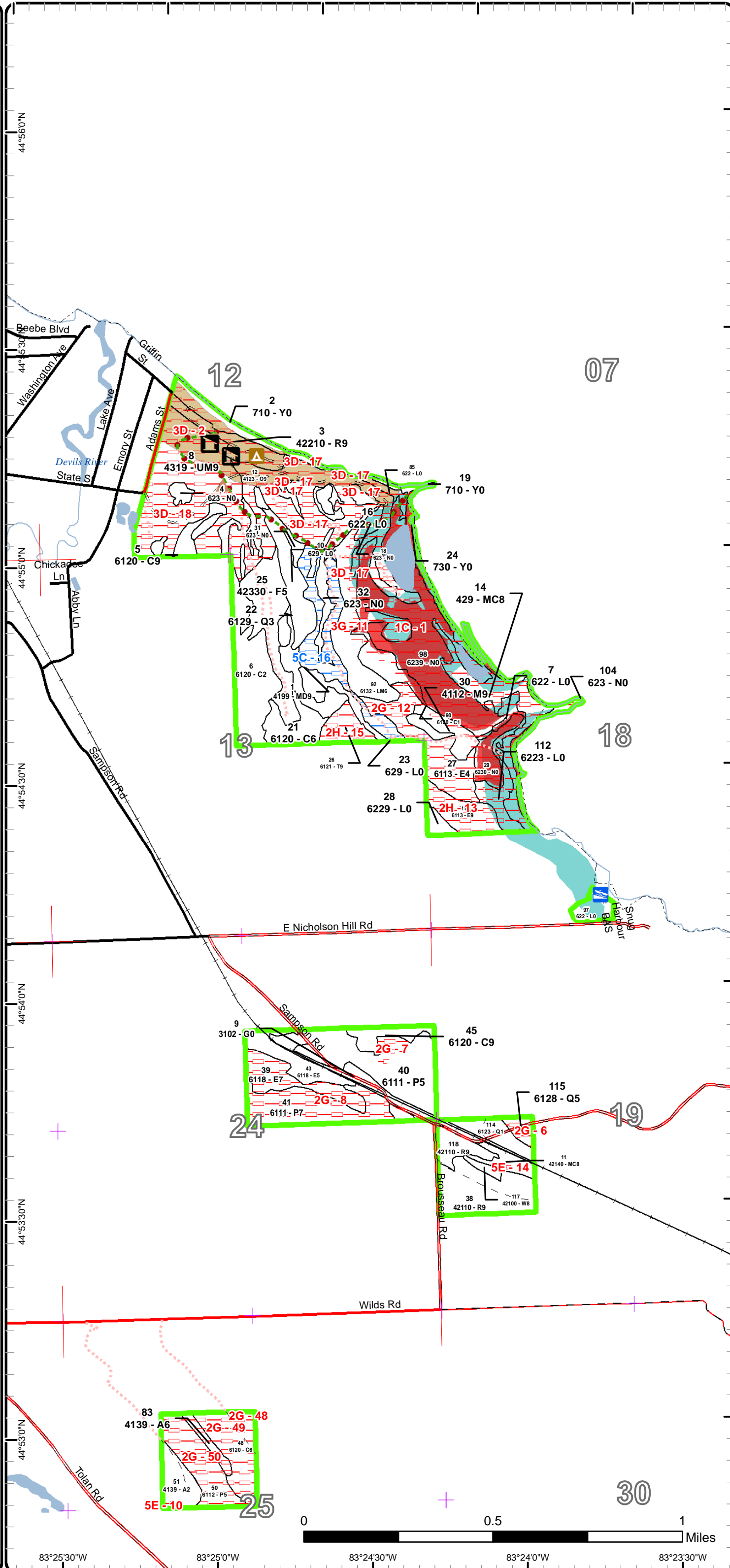
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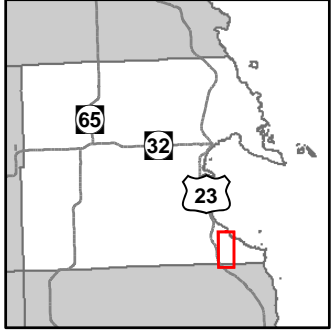


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- Available w/ Constraints
- Unavailable
- 5C: Delay treatment for age/size class diversity or exceptional site quality
- 1C: Other dept or div proc/practices
- 2G: Too wet (sensitive soils, does not include access issues)
- 2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)
- 3D: Recreational / Scenic values
- 3G: Other Influence zones - See comments
- 5E: Long-Term Retention
- Stand Boundaries
- Ecological Reference Areas
- Coastal Environmental Areas
- Cold Water Streams
- State Forest Campground

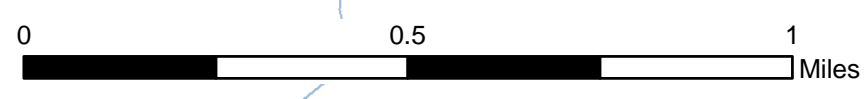
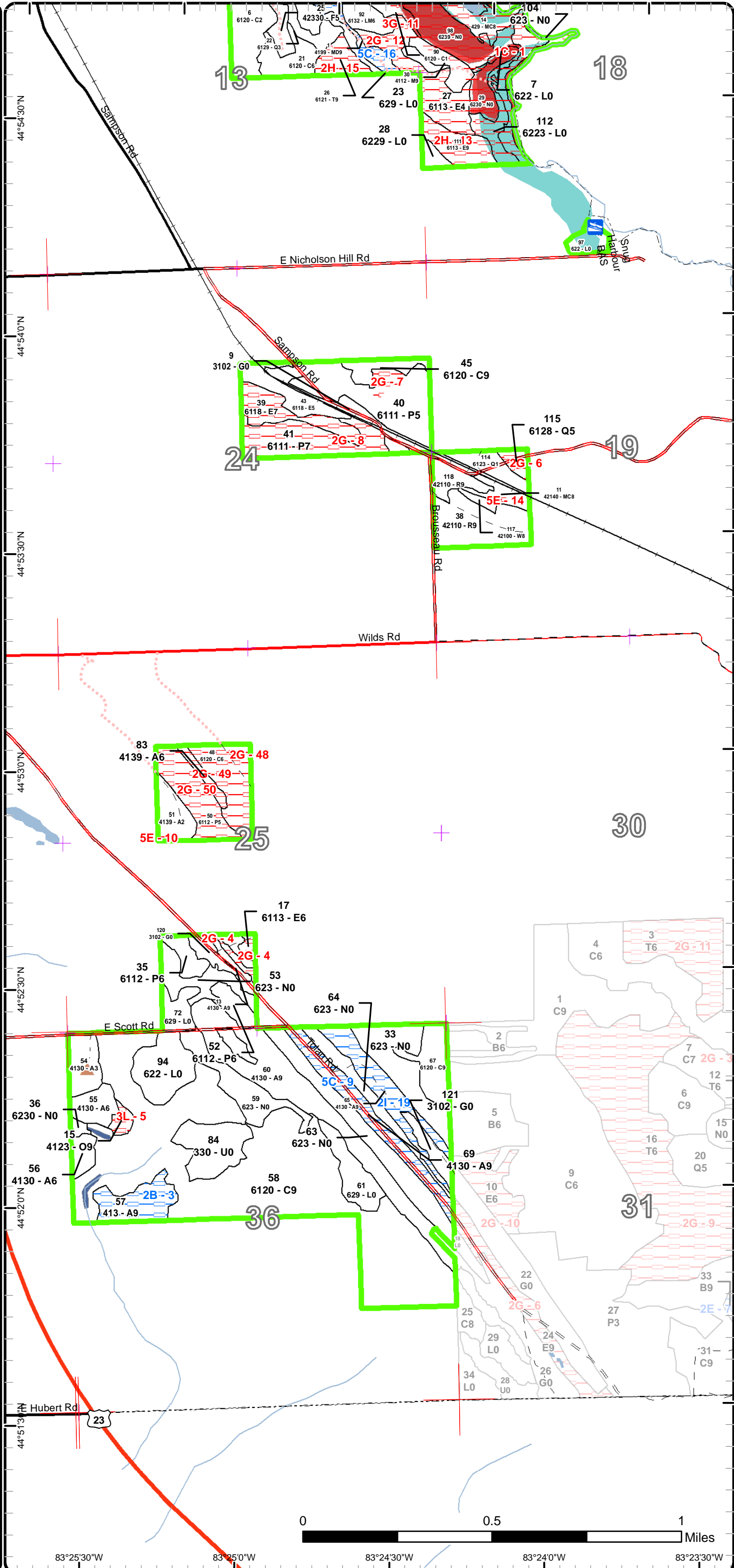


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- State Boundary
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- Available w/ Constraints
- Unavailable
- 2I: Survey needed
- 5C: Delay treatment for age/size class diversity or exceptional site quality
- 1C: Other dept or div proc/practices
- 2G: Too wet (sensitive soils, does not include access issues)
- 2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)
- 3G: Other Influence zones - See comments
- 3L: Other wildlife concerns
- 5E: Long-Term Retention
- Stand Boundaries
- Ecological Reference Areas
- Coastal Environmental Areas
- Spring or Seep



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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	16	0	7	4	0	4	0	15	52	15	0	0	0	0	0	0	0	112
Cedar	0	0	0	21	0	0	0	0	0	12	32	152	10	0	0	0	0	0	227
Herbaceous Openland	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18
Low-Density Trees	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14
Lowland Aspen/Balsam Poplar	0	0	0	28	0	9	0	0	0	0	34	0	0	0	0	0	0	0	70
Lowland Conifers	0	0	0	13	0	0	0	0	0	0	0	3	0	0	0	0	0	0	16
Lowland Deciduous	0	0	0	0	0	0	3	0	20	9	18	0	0	0	0	0	0	0	50
Lowland Mixed Forest	0	0	0	0	0	0	0	0	0	0	19	0	0	0	0	0	0	0	19
Lowland Shrub	69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	69
Marsh	146	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	146
Mixed Upland Deciduous	0	0	0	0	0	0	0	0	0	18	0	0	0	0	0	0	0	0	18
Northern Hardwood	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	6
Oak	0	0	0	0	0	0	0	0	0	40	0	0	0	0	0	0	0	0	40
Planted Mixed Pines	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	4
Red Pine	0	0	0	0	0	0	24	0	0	0	8	0	0	0	0	0	0	0	32
Sand, Soil	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11
Tamarack	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	6
Upland Conifers	0	0	0	0	0	0	0	0	0	19	0	0	0	0	0	0	0	0	19
Upland Mixed Forest	0	0	0	0	0	0	0	0	0	0	49	0	0	0	0	0	0	0	49
Upland Spruce/Fir	0	0	0	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18
White Pine	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
Total	258	16	0	87	4	9	36	0	35	156	181	155	10	0	0	0	0	0	945



Report 2 – Treatment Summary

Atlanta Mgt. Unit
Year of Entry: 2019

Acres of Harvest

Compartment 84
Total Compartment Acres: 948

Commercial Harvest - 57
Harvests with Site Condition - 15
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	52	0	0	0	0	0	0	0	0	52
Red Pine	0	0	0	0	0	20	0	0	0	20
Total	52	0	0	0	0	20	0	0	0	72

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	72	0	0	0	0	0	0	8	0	80
Next Step	0	0	0	0	0	0	52	0	0	52
Total	72	0	0	0	0	0	52	8	0	133



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
38	54084038-CT	20.3	42110 - Planted Red Pine	Sawtimber Well	52	171- 200	Harvest	Crown Thinning	4211 - Planted Red Pine	Even-Aged	Draft Field Boundary

Habitat Cut: No**Site Condition:**

Prescription Reduce to 120 BA leaving best tree in place.

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other

Comment:

Proposed Start Date: 10/01/2018

60	54084060- CCR	36.9	4130 - Aspen	Sawtimber Well	87		Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	Draft Field Boundary
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Habitat Cut: No**Site Condition:**

Prescription CCR. Retain 3 to 10 percent of treatment area in one or more patches. Post sale: re-close stand using limestone blocks.

Specs:

Next Step

Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable aspen, maple, oak, birch, spruce, fir, pine, or cedar.

Regen:

Other

Include Atlanta drumming log and brush pile spec.

Comment:

Proposed Start Date: 10/01/2018

65	54084065- CCR	15.2	4130 - Aspen	Sawtimber Well	89		Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	Draft Field Boundary
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Habitat Cut: No**Site Condition: Survey Needed**

Prescription CCR. Retain 3 to 10 percent of treatment area in one or more patches, which will include sugar maple, birch, cedar.

Specs:

Next Step

Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable aspen, maple, oak, birch, spruce, fir, pine, or cedar.

Regen:

Other

Include Atlanta drumming log and brush pile spec.

Comment:

Proposed Start Date: 10/01/2018

120	54084120-NF	3.5	3102 - Grass	Nonstocked			NonForestMgt	Herbaceous/Crop /Grass Planting	3102 - Grass		Draft Field Boundary
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Habitat Cut: No**Site Condition:**

Prescription Opening will be maintained on an ongoing rotational basis to produce wildlife forage through burning, mowing, planting, or other agriculture practices

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other

Comment:

Proposed Start Date: 10/01/2018



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
121	54084121-NF	4.5	3102 - Grass	Nonstocked			NonForestMgt	Herbaceous/Crop /Grass Planting	310 - Herbaceous Openland		Approved Proposal

Habitat Cut: No

Site Condition:

Prescription Opening will be maintained on an ongoing rotational basis to produce wildlife forage through burning, mowing, planting, or other agriculture practices

Next Step
Treatments:

Acceptable
Regen:

Other
Comment:

Proposed Start Date: 10/01/2018

**Total Treatment
Acreage Proposed: 80.4**

Report 4 – Site Conditions

Atlanta Mgt. Unit
Richard Barber : Examiner

Compartment: 84
Year of Entry: 2019

Availability for Management

Total Acres	Acres Available	Acres Avail		Acres Not Available		Dominant Site Conditions										
		With Condition				2B	2I	5C	1C	2G	2H	3D	3G	3L	5E	
113	67	43		3	Aspen	12	15	15		3						1
227	204	0		24	Cedar				6	15				2		
18	18	0		0	Herbaceous Openland											
14	14	0		0	Low-Density Trees											
71	35	0		37	Lowland Aspen/Balsam Poplar					37						
16	13	0		3	Lowland Conifers					3						
50	9	0		41	Lowland Deciduous				0	30	8		3			
19	12	0		7	Lowland Mixed Forest				3				4			
69	58	0		11	Lowland Shrub				9			1	1			
146	87	0		59	Marsh				58			0	1			
18	0	18		0	Mixed Upland Deciduous			18								
6	3	0		2	Northern Hardwood				0				2			
40	0	0		40	Oak				6			31	1	2		
4	0	0		4	Planted Mixed Pines											4
33	24	0		8	Red Pine							8				
12	5	0		7	Sand, Soil				3			4				
6	0	0		6	Tamarack						6					
19	0	0		19	Upland Conifers				19							
49	0	0		49	Upland Mixed Forest							49				
18	18	0		0	Upland Spruce/Fir											
1	1	0		0	White Pine											
948	568	60		320	Total Forested Acres	12	15	33	105	87	14	93	14	2	5	
	60%	6%		34%	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	1C: Other dept or div proc/practices	105	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Atlanta Mgt. Unit
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Compartment: 84
Year of Entry: 2019

2	Unavailable	3D: Recreational / Scenic values	35	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Ossineke State Forest Campground SCA							
3	Available	2B: Unknown if access through adjacent landowner(s) is possible	12	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
4	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
5	Unavailable	3L: Other wildlife concerns	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Mature red oak left for mast production.							
6	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
7	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

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8	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	30	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
9	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	15	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
10	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
11	Unavailable	3G: Other Influence zones - See comments	14	Unspecified	Unspecified	Unspecified	Unspecified
Comments: 100 foot vegetative buffer on Ossineke ERA complex.							
12	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	16	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
13	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	8	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Atlanta Mgt. Unit
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Compartment: 84
Year of Entry: 2019

14	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
15	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
16	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	18	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
17	Unavailable	3D: Recreational / Scenic values	20	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
18	Unavailable	3D: Recreational / Scenic values	38	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
19	Available	2I: Survey needed	15	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Atlanta Mgt. Unit
Richard Barber : Examiner

Compartment: 84
Year of Entry: 2019

48	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
49	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	12	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
50	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	18	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Mgt. Unit

Compartment: #Type!

Year of Entry:



Report 5 – PROPOSED SPECIAL CONSERVATION AREA* (SCA) DETAILS

* This is a partial list of SCAs for this compartment. Not included are those areas identified under other Department initiatives (Natural Rivers, Deer Wintering Areas, etc.). Those will be identified in separate, future map and report products.

SCA Name	SCA Category	Detail Type	Recommendation	Acres
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Comments



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 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.
HCVA	Coastal Environmental Areas	The public designation process is defined by Part 323, Shorelands Protection and Management, of the Natural Resources and Environmental Protection Act, 1994 PA 451. The program is administered by the Michigan Department of Environmental Quality (DEQ). This is an inactive program with no new areas currently under consideration by the DEQ.
ERA	Ecological Reference Areas	Ecological Reference Areas (ERAs) are high quality examples of natural communities that have been identified as Element Occurrences (EOs) by the Michigan Natural Features Inventory (MNFI) within the context of their natural community classification system. Element Occurrences with viability ranks of A (Excellent) or B (Good) and a Global (G) or State (S) element (rarity) ranking of endangered (1), threatened (2), or rare (3) serve as an initial base of ERAs. They may be located upon any ownership in the State. The system is comprised of individual or associations of natural community types that are managed for restoration and maintenance of natural ecological processes and values. The public may submit recommendations for lands as ERAs using the DNR Conservation Area Recommendation Form.

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Atlanta Mgt. Unit

Report 7 – Forested Stands

Compartment: 84
Year of Entry: 2019

Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
4199 - Other Mixed Upland Deciduous	Sawtimber Well	17.8	87	51-80	aspen blowdown
42210 - Natural Red Pine	Sawtimber Well	8.4	98	81-110	
6120 - Lowland Cedar	Sawtimber Well	8.9	98		swales becoming cedar stands.
6120 - Lowland Cedar	Sapling Medium	21.2	25	Unspecified	
4319 - Mixed Upland Forest	Sawtimber Well	48.6	98	81-110	ridge swale complex with walking trails.
42140 - Planted Mixed Pine	Sawtimber Medium	4.1	52	51-80	natural Jack pine. free flowing stream. includes patch of young aspen.
4123 - Red Oak	Sawtimber Well	37.3	87	111-140	
4130 - Aspen	Sawtimber Well	4.4	51	51-80	
429 - Mixed Upland Conifers	Sawtimber Medium	19.0	86	51-80	beach ridge
4123 - Red Oak	Sawtimber Well	2.3	87	81-110	
6113 - Lowland Maple	Poletimber Well	3.1	51	1-50	Trail to private improved without permit in past 20 years. Lot's of dead ash.
6120 - Lowland Cedar	Poletimber Well	8.4	90		12 inch dbh cedar on central ridge
6129 - Mixed Coniferous Lowland Forest	Sapling Well	6.9	25		
42330 - Upland Fir	Poletimber Medium	17.7	25	Unspecified	
6121 - Tamarack	Sawtimber Well	6.2	90		
6113 - Lowland Maple	Poletimber Poor	17.7	90		
4112 - Maple, Beech, Cherry Association	Sawtimber Well	5.5	86	51-80	convert to red pine?
6112 - Lowland Aspen	Poletimber Well	4.5	46		some dry ground in north most part.

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Atlanta Mgt. Unit

Report 7 – Forested Stands

Compartment: 84
Year of Entry: 2019

	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
38	42110 - Planted Red Pine	Sawtimber Well	19.0	52	171-200	
39	6118 - Lowland Deciduous with Cedar	Sawtimber Poor	10.9	71	1-50	Difficult access due to low ground. Clumps of aspen, some red maple, cedar and spruce. Wet areas. mostly tag alder and dead ash
40	6111 - Lowland Balsam Poplar	Poletimber Medium	28.4	27		
41	6111 - Lowland Balsam Poplar	Sawtimber Poor	19.4	98	1-50	still here because its so wet.
43	6118 - Lowland Deciduous with Cedar	Poletimber Medium	8.8	71	1-50	OPIC - FMD: Difficult access due to low ground. Clumps of aspen, some red maple, cedar and spruce. Wet areas.
45	6120 - Lowland Cedar	Sawtimber Well	5.4	106		Wet areas of pure tag alder
48	6120 - Lowland Cedar	Poletimber Well	14.9	93	Unspecified	OPIC - FMD: This parcel on disposal list. Access through private, high water table.
50	6112 - Lowland Aspen	Poletimber Medium	14.5	91	Unspecified	OPIC - FMD: SOME PARTS VERY WET. LANDLOCKED--TSampson Rd. This parcel on the disposal list.
51	4139 - Aspen, Mixed Deciduous	Sapling Medium	7.9	5	Immature	<p>OPIC - FMD: LAND LOCKED - Mix of L and aspen. This parcel on disposal list. A variance was approved on January 19, 2012: This area is land locked and previously there was no access to it. Compartment 84's YOE is 2009, but no prescription was made since it was on the disposal list. However, currently there is a timber harvest taking place on the adjacent private property and the logger has asked to purchase the timber on stand 51.</p> <p>Stand contents:</p> <p>Mixed Aspen 4.5 MBF</p> <p>Mixed Aspen 154 cords</p> <p>Red Maple 7 cords</p> <p>Balsam Fir 2 cords</p> <p>The appraised value for the sale is: \$4660.35. All oak, red pine, and white pine are to be left in the stand as leave trees. Also, there is a retention area located in the southwestern corner of the sale area where there is lower ground and saturated soils. Acceptable regeneration would be any mix of balsam poplar, aspen, red maple, balsam fir, or pine.</p>
52	6112 - Lowland Aspen	Poletimber Well	4.7	46		some dry ground in north most part.
54	4130 - Aspen	Sapling Well	8.3	7	Immature	Stand cut in 2010 #54-038-09-01 Scott and Brousseau Mix

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Atlanta Mgt. Unit

Report 7 – Forested Stands

Compartment: 84
Year of Entry: 2019

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
55	4130 - Aspen	Poletimber Well	6.5	26		
56	4130 - Aspen	Poletimber Well	4.0	37		
57	413 - Aspen	Sawtimber Well	11.9	93	51-80	
58	6120 - Lowland Cedar	Sawtimber Well	146.5	101	Unspecified	Strip cuts on west side have tended to produce either cattails or cattails with low density white birch.
60	4130 - Aspen	Sawtimber Well	36.9	87		OPIC - FMD: Narrow stand will have to cross a stream along Scott Rd to access, trash dumping in the past recommend closing this trail and leaving for wildlife. Dune/swale complex.
65	4130 - Aspen	Sawtimber Well	15.2	89		
67	6120 - Lowland Cedar	Sawtimber Well	10.4	111		
69	4130 - Aspen	Sawtimber Well	15.4	75		Dune/swale complex. Narrow strip along Tolan Rd., ditched on both sides of road.
83	4139 - Aspen, Mixed Deciduous	Poletimber Well	2.7	91	Unspecified	OPIC - FMD: SOME PARTS VERY WET. LANDLOCKED--TSampson Rd. This parcel on the disposal list.
90	6120 - Lowland Cedar	Sapling Poor	11.6	86		emergent wetland converting to cedar
92	6132 - Mixed Lowland Forest with Cedar	Poletimber Well	19.3	90		
111	6113 - Lowland Maple	Sawtimber Well	9.3	86		beach ridges
114	6123 - Lowland Fir	Sapling Poor	6.2	27		mostly tag alder
115	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Medium	2.7	106		east side very wet.
117	42100 - Planted White Pine	Sawtimber Medium	1.4	52	81-110	
118	42110 - Planted Red Pine	Sawtimber Well	5.4	52	111-140	



Stand	Cover Type	Acres	Managed Site	General Comments:
2	710 - Sand, Soil	8.4	No	beach and dune
4	623 - Emergent Wetland	2.9	No	swamp grass and dead ash.
7	622 - Lowland Shrub	3.3	No	
9	3102 - Grass	9.6	No	Includes Lake State Rail and Sampson Road.
10	629 - Mixed non-forested wetland	12.2	No	
16	622 - Lowland Shrub	4.2	No	dead ash
18	623 - Emergent Wetland	6.2	No	
19	710 - Sand, Soil	1.3	No	
23	629 - Mixed non-forested wetland	5.4	No	phragmites in north part? and cedar
24	730 - Mud Flats	1.9	No	swamp grass
28	6229 - Mixed lowland shrub	2.4	No	2 inch dbh tag alder with 1 inch spruce and fir
29	6230 - Cattail	8.0	No	
31	623 - Emergent Wetland	1.4	No	
32	623 - Emergent Wetland	4.8	No	dead 4 inch ash
33	623 - Emergent Wetland	18.6	No	not enough trees to hit 25 percent. much dead ash.
36	6230 - Cattail	1.2	No	
53	623 - Emergent Wetland	9.7	No	
59	623 - Emergent Wetland	13.1	No	dead ash



Stand	Cover Type	Acres	Managed Site	General Comments:
61	629 - Mixed non-forested wetland	9.6	No	check imagery
63	623 - Emergent Wetland	22.4	No	
64	623 - Emergent Wetland	8.6	No	
72	629 - Mixed non-forested wetland	5.6	No	cattails, tag alder and dead trees.
84	330 - Low-Density Trees	14.0	No	A heavily wind-thrown portion of Stand 58.
85	622 - Lowland Shrub	2.0	No	
94	622 - Lowland Shrub	14.4	No	OPIC - FMD: STRIP CUTS IN 79-80 LITTLE to no CEDAR REGEN.DRAINAGE BETWEEN ST 56 & 57.
97	622 - Lowland Shrub	4.2	No	
98	6239 - Mixed Emergent Wetland	44.2	No	swamp grass
104	623 - Emergent Wetland	5.0	No	
112	6223 - Inundated Shrub Swamp	5.8	No	
120	3102 - Grass	3.5	No	OPIC - FMD: ALONG TOLAN RD.
121	3102 - Grass	4.5	No	OPIC - FMD: OLD APPLE ORCHARD-NEEDS WORK-MOST TREES OUT OF COMPARTMENT.