



ATLANTA FOREST MANAGEMENT UNIT
COMPARTMENT REVIEW PRESENTATION
COMPARTMENT 082 ENTRY YEAR: 2014

Compartment Acreage: 1774 County: Alpena

Revision Date: April 21, 2016

Stand Examiner: Barber

Legal Description: T29N, R6E, Sec. 22, 23, 24, 25, 26, 27 & 36

Management Area: Alpena Lake Plain

Management Goals: Production of quality oak saw logs.

Soil and Topography: The west most 1/6 of the compartment is wetland and PArVCo. There are numerous free flowing streams. The balance of land is rolling hills of loamy sand. This is mostly PArVVb with some PArVHa. One portion, consisting of several stands, appeared to be AFO.

Ownership Patterns, Development, and Land Use in and Around the Compartment: To the west lies Smokey Hollow Swamp and Wolf Creek. This includes some state land, to the north and northeast. To the east is a large area of south Alpena County farmland, and hunt camps to the south.

Unique, Natural Features (include only non-site specific and non-sensitive information): One or more occurrences have been reported for this compartment.

Archeological, Historical, and Cultural Features (include only non-site specific and non-sensitive information): None Reported.

Special Management Designations or Considerations: There are four O/I Stand Condition 8 areas. It is recommended that these be removed at the compartment review, as they are serving no obvious biodiversity conservation purpose.

Watershed and Fisheries Considerations: No special considerations exist, apart from that the streams in this compartment flow into Widner Creek, a cold water stream.

Wildlife Habitat Considerations: Compartment 82 consists of oak, aspen, red pine, and opening in the uplands with cedar, balsam poplar, and swamp conifers in the lowlands. Openings are being lost to natural succession with an improving brush component. A diverse array of wildlife species inhabits this compartment. Featured species present include black bear, white-tailed deer, wild turkey, ruffed grouse, and American woodcock. The compartment also provides habitat potential for reptiles and amphibians including eastern massasauga rattlesnake, red-shouldered hawk, and bald eagle. Proposed oak thinnings will encourage larger crown development and increased mast production, which in turn will provide additional food resources for species like deer and turkey.

Mineral Resource and Development Concerns and/or Restrictions: Surface sediments consist of glacial outwash sand and gravel and postglacial alluvium and coarse-textured glacial till. The glacial drift thickness varies between 200 and 600 feet. Beneath the glacial drift is the Devonian Antrim Shale, which is quarried for cement products. Gravel pits are located in Section 23 and 26 and potential in the compartment is considered good on the upland areas. This area has had some drilling and production from the Antrim Shale.

Vehicle Access: Roads to be closed are shown on the compartment map as closed or abandoned.

Survey Needs: Some surveying may be required for timber sale preparation on the north and west boundary.

Recreational Facilities and Opportunities: Chippewa Hills Pathway sees a lot of ski and equestrian use. Hunting is also popular.

Fire Protection: Adequate. Provided by MDNR Alpena and Ossineke VFD.

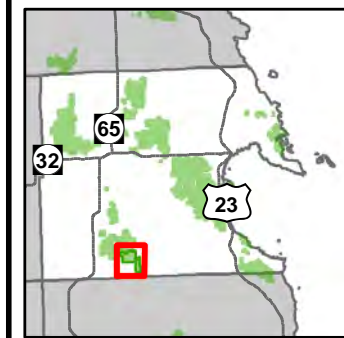
Additional Compartment Information:

- **The following 5 reports from the Operations Inventory System (OIPC) are attached:**
 - ◆ **Cover Type by Age Class**
 - ◆ **Cover Type by Management Objective**
 - ◆ **Compartment Volume Summary**
 - ◆ **Proposed Treatments – No Limiting Factors**
 - ◆ **Proposed Treatments – With Limiting Factors**

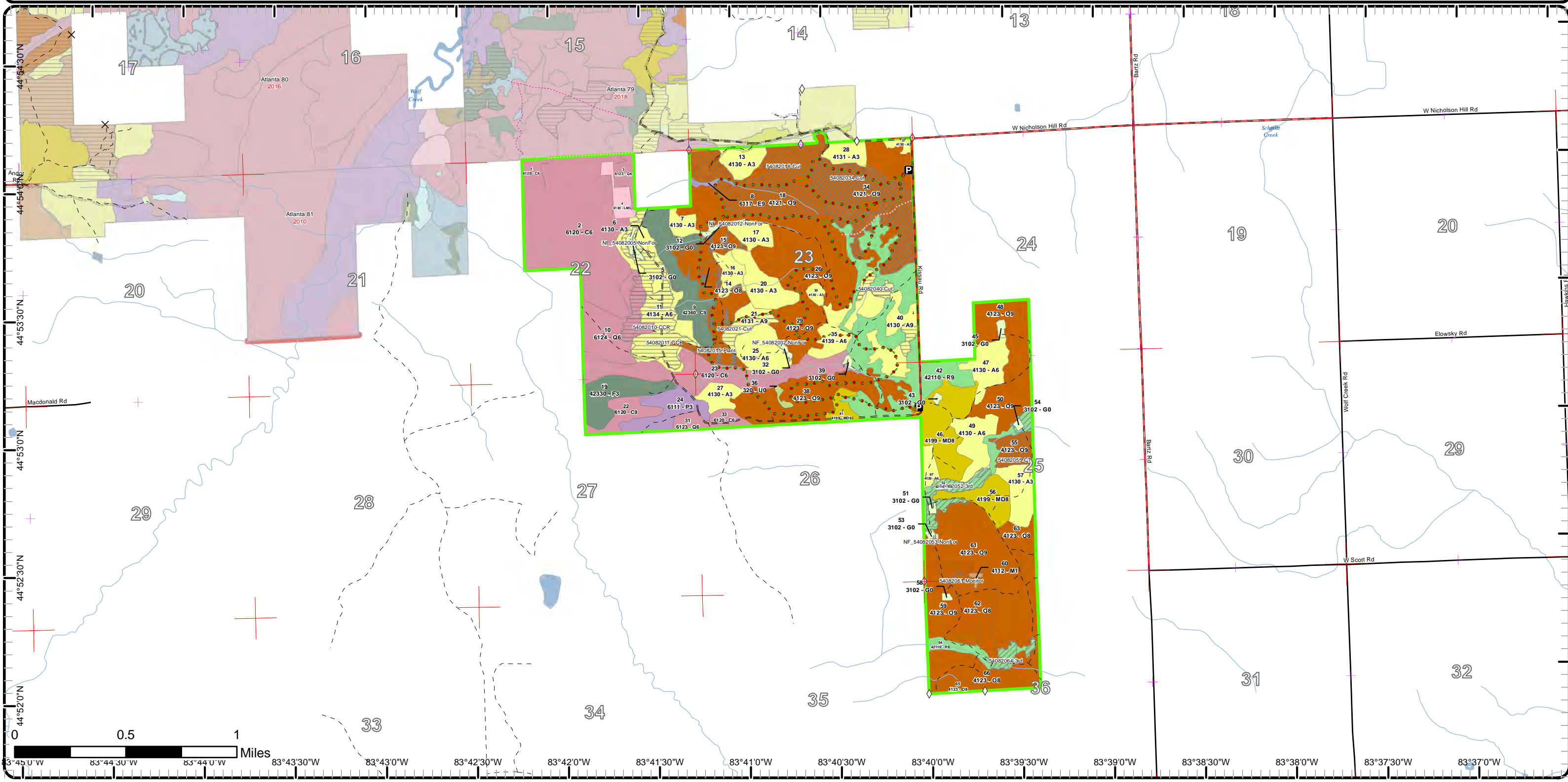
- **The following information is displayed, where pertinent, on the attached compartment maps:**
 - ◆ **Base feature information, stand numbers, cover types**
 - ◆ **Proposed treatments**
 - ◆ **Proposed road access system**
 - ◆ **Suggested potential old growth**

Cover Type & Treatments Map

Compartment: 82
 T29N, R06E, Sec: 22-27, 36
 County: Alpena
 Unit: Atlanta
 Mgmt Area: Alpena Lake Plain
 YOE: 2014
 Acres: 1775 GIS Calculated
 Examiner: Richard Barber
 Map Revised: 4/21/2016
 Map Phase: Pre-Review

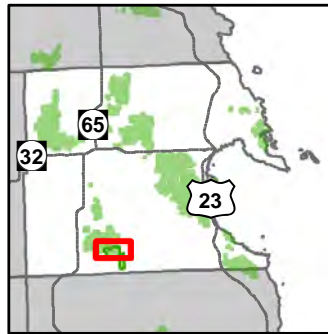


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|---|---|---|
| <ul style="list-style-type: none"> — Miris Corners + Remonumented Section Corners ◇ Field Grade GPS Corners P Parking Lot * Trailhead — Designated Hiking Trails - - Designated Bicycle Trails •• Designated Equestrian Trails - - Designated Ski Trails — County Gravel Roads — Gravel Roads - - Poor Dirt Roads - - Trail (Non-Recreation) ••• Closed Roads | <ul style="list-style-type: none"> — Rivers — Pipeline — Compartment Boundary ⊗ Selection (Group, Single Tree) — Clearcut (w/Reserves) — Planting (tree species) — Other Treatment - See Comments — Regeneration Survey — Thinning (Crown, Low, Systematic) — 411 - Northern Hardwood — 412 - Oak Types — 413 - Aspen Types — 419 - Mixed Upland Deciduous — 421 - Planted Pines — 423 - Other Upland Conifers | <ul style="list-style-type: none"> 611 - Lowland Deciduous Forest 612 - Lowland Coniferous Forest 613 - Lowland Mixed Forest 310 - Herbaceous Openland 320 - Upland Shrub Lakes |
|---|---|---|

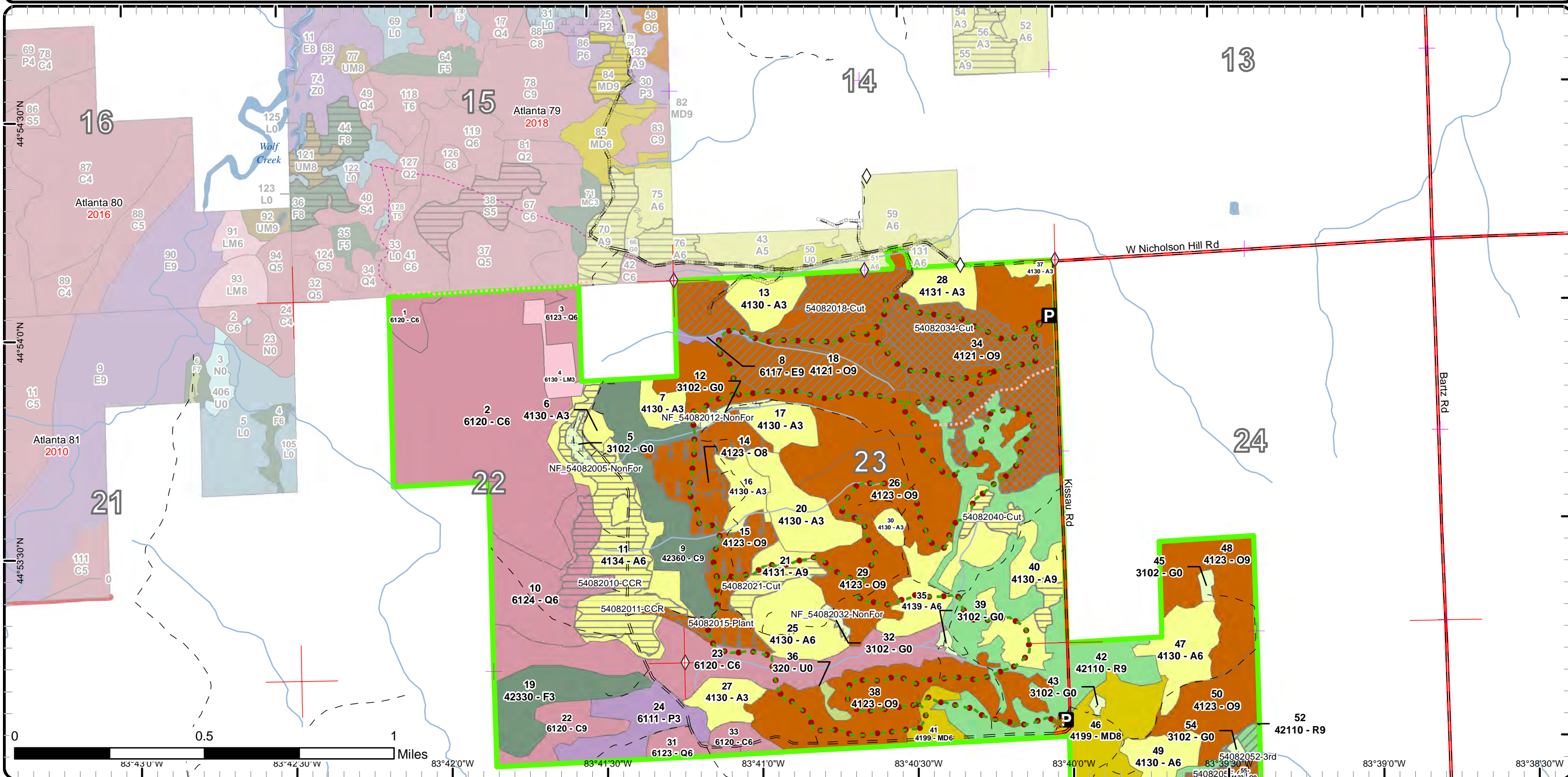


Cover Type & Treatments Map

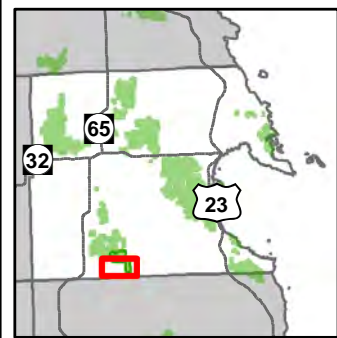
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- Miris Corners
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- ◇ Field Grade GPS Corners
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- * Trailhead
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- Compartment Boundary
- ⊗ Selection (Group, Single Tree)
- Clearcut (w/Reserves)
- Planting (tree species)
- Other Treatment - See Comments
- Thinning (Crown, Low, Systematic)
- 412 - Oak Types
- 413 - Aspen Types
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 423 - Other Upland Conifers
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- 310 - Herbaceous Openland
- 320 - Upland Shrub
- Lakes

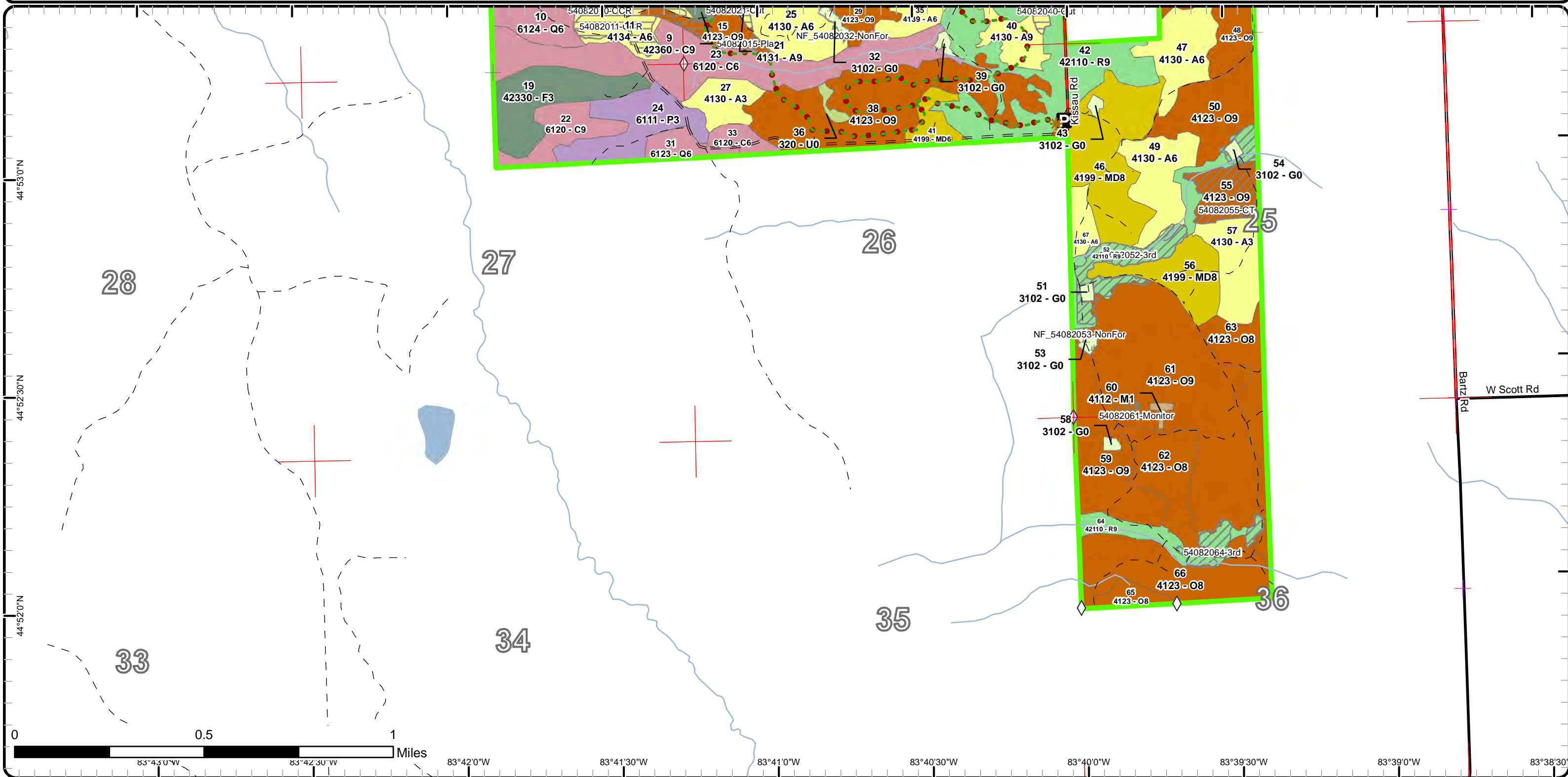


Cover Type & Treatments Map



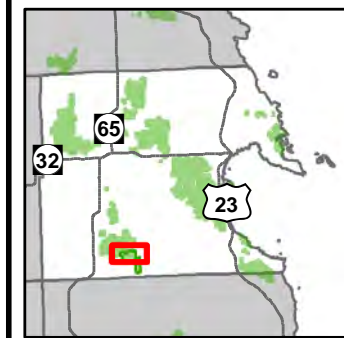
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|--------------------------------|-------------------------------------|----------------------|
| — Miris Corners | — Compartment Boundary | — 320 - Upland Shrub |
| — Remonumented Section Corners | — Clearcut (w/Reserves) | — Lakes |
| — Field Grade GPS Corners | — Planting (tree species) | |
| — Parking Lot | — Other Treatment - See Comments | |
| — Trailhead | — Regeneration Survey | |
| — Designated Hiking Trails | — Thinning (Crown, Low, Systematic) | |
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| — Designated Equestrian Trails | — 412 - Oak Types | |
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| — County Gravel Roads | — 421 - Planted Pines | |
| — Gravel Roads | — 423 - Other Upland Conifers | |
| — Poor Dirt Roads | — 611 - Lowland Deciduous Forest | |
| — Rivers | — 612 - Lowland Coniferous Forest | |
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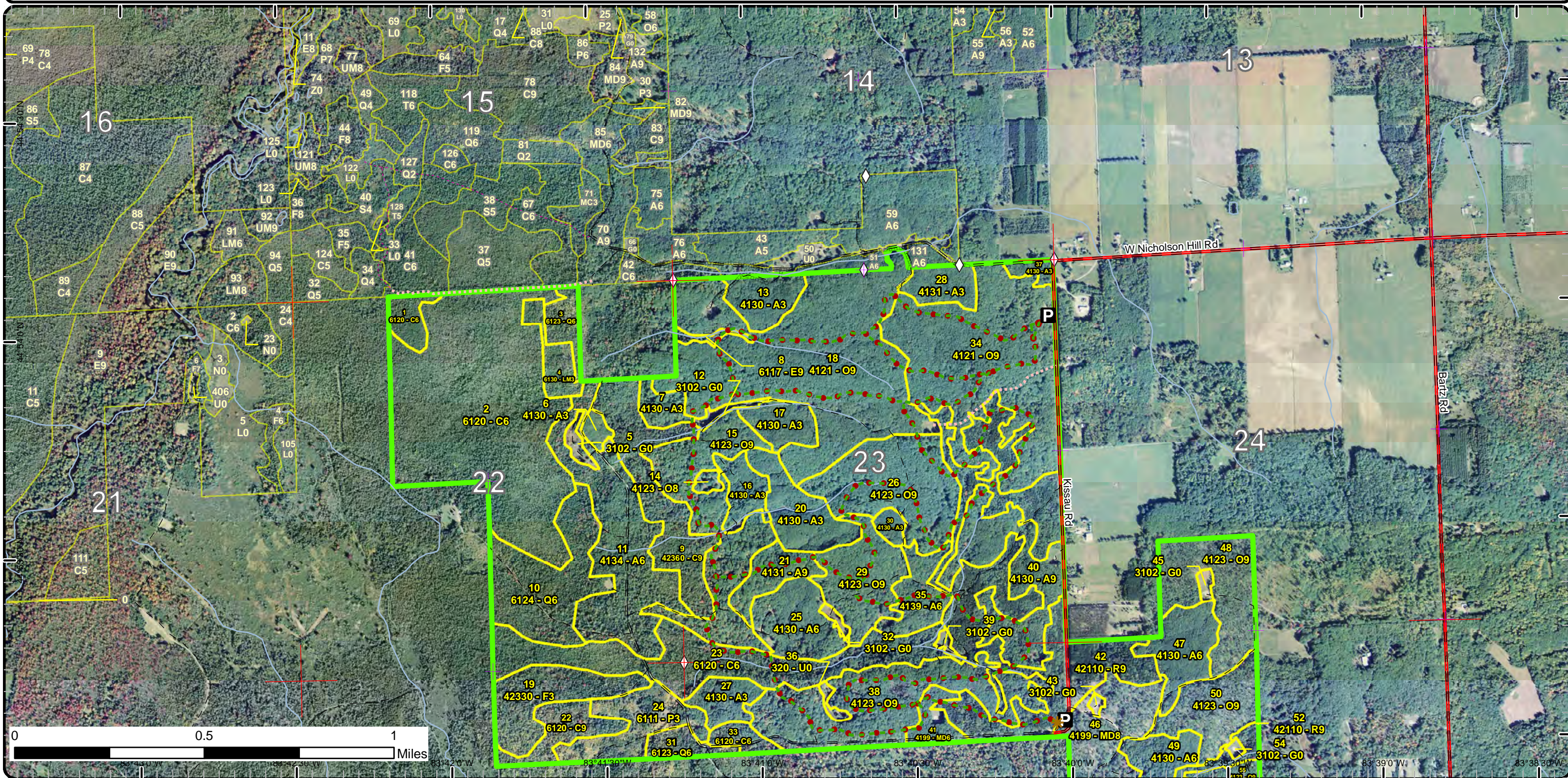


Stand Boundary Map

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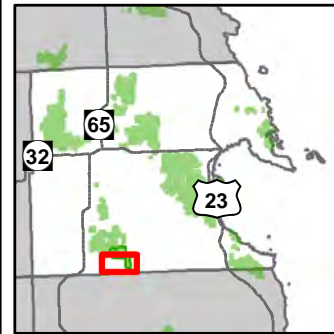


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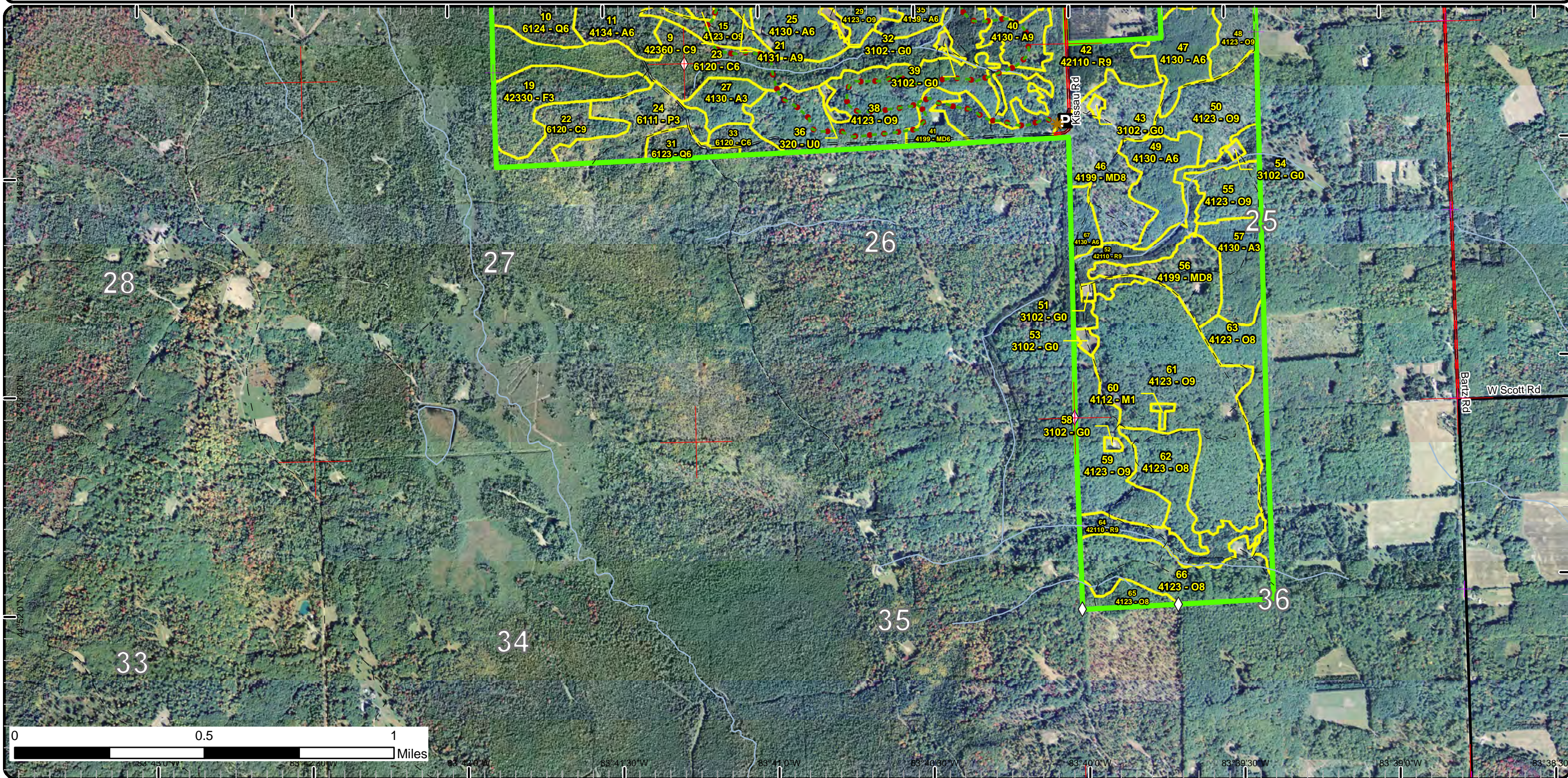


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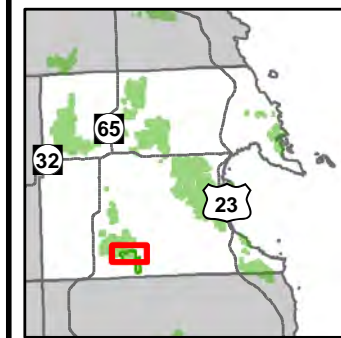


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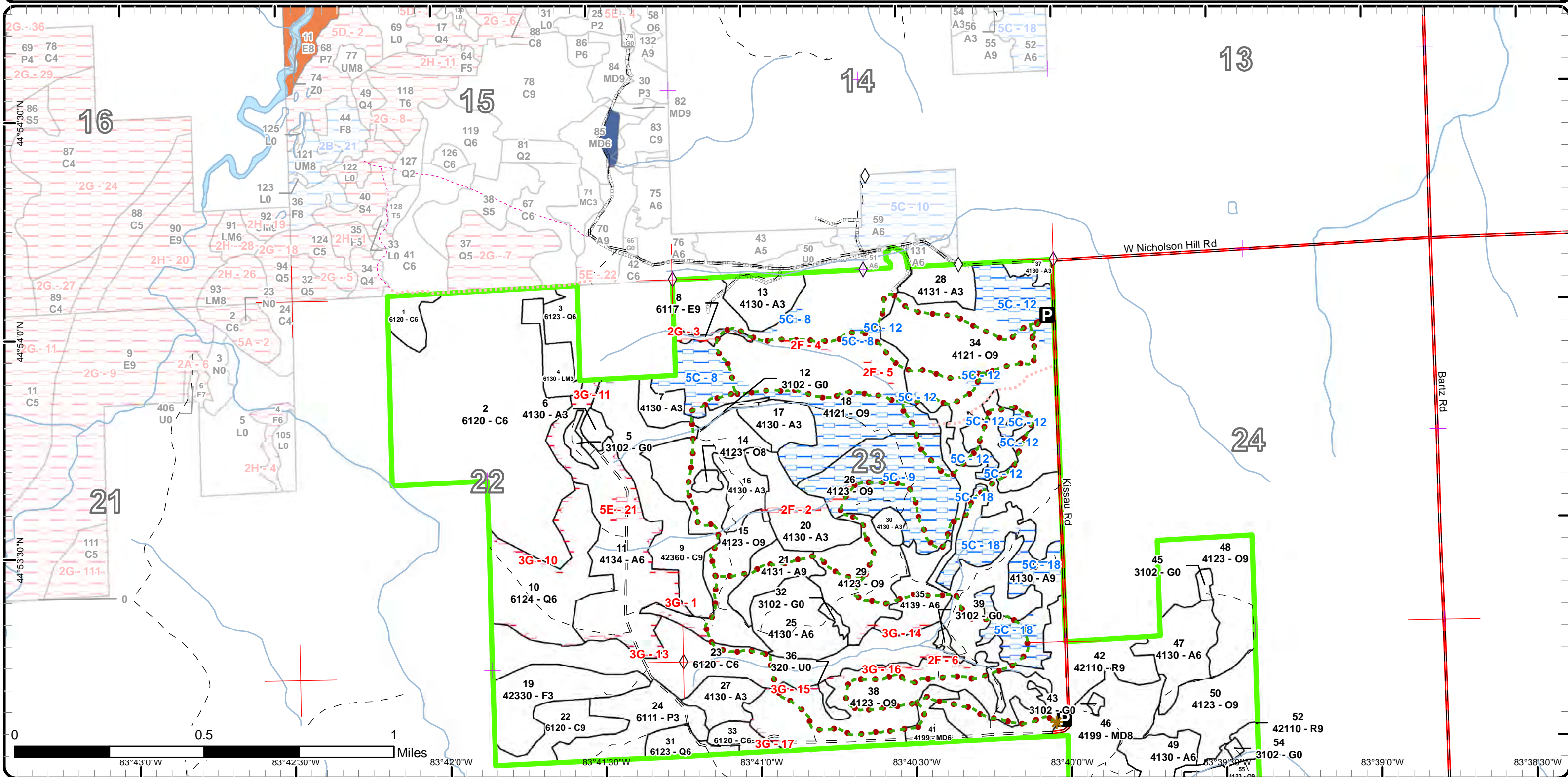


Special Conservation Areas & Site Conditions Map

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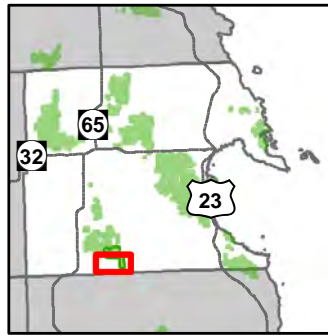


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- Compartment Boundary
- - - Available w/ Constraints
- - - Unavailable
- 5C: Delay treatment for age/size diversity or exceptional site quality
- 2F: Too steep
- 2G: Too wet (sensitive soils, does not include access issues)
- 3G: Other Influence zones - See comments
- 5E: Long-Term Retention
- Stand Boundaries
- Special Conservation Areas
- Cold Water Streams
- Cold Water Lakes
- Spring or Seep
- Other Habitat Area

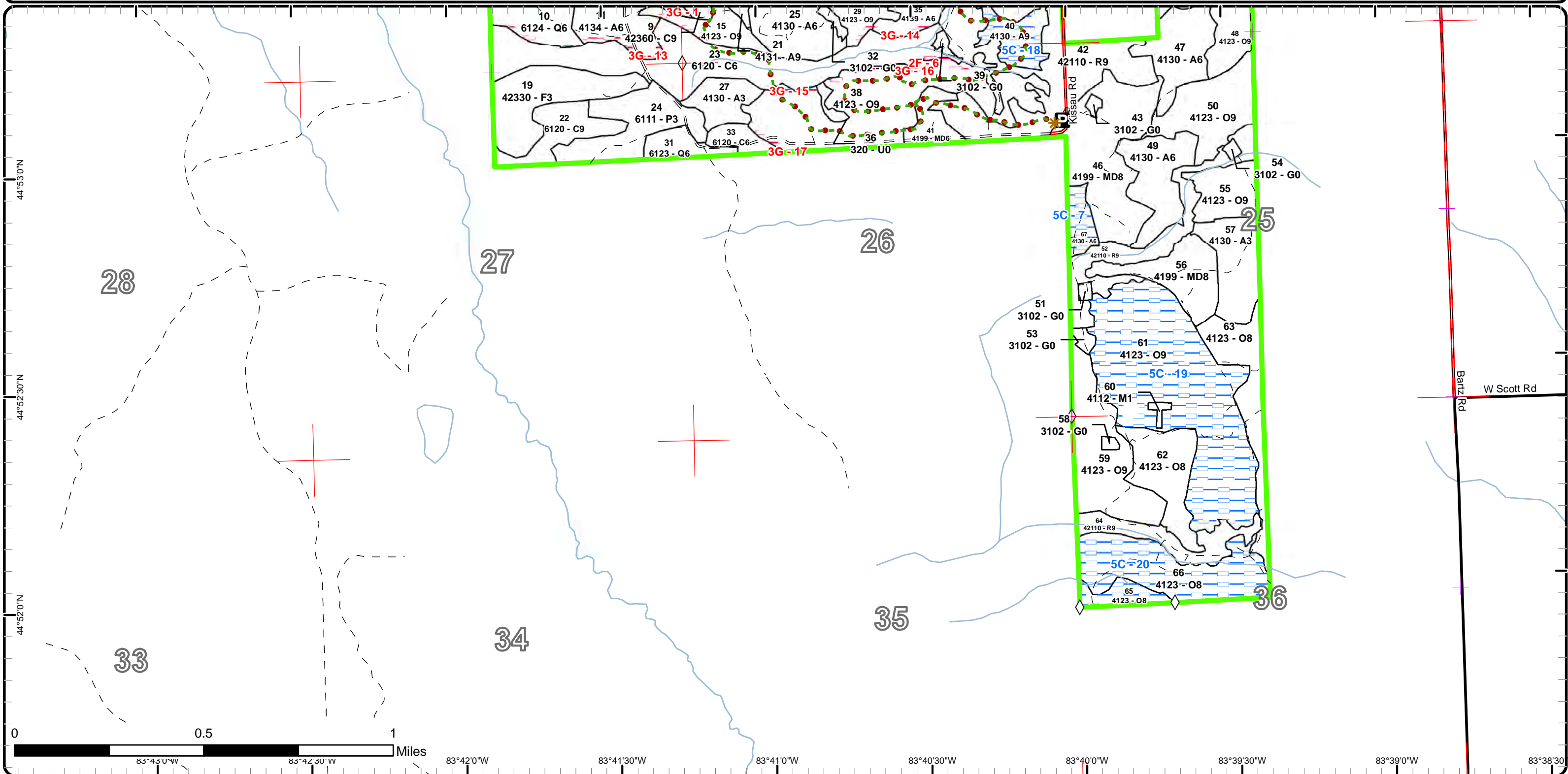


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- Available w/ Constraints
- Unavailable
- 5C: Delay treatment for age/size class diversity or exceptional site quality
- 2F: Too steep
- 3G: Other Influence zones - See comments
- Stand Boundaries
- Special Conservation Areas
- Cold Water Streams



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	0	89	94	12	88	0	0	0	43	14	0	0	0	0	0	0	340
Cedar	0	0	0	0	0	0	0	0	8	0	0	43	0	240	0	0	0	0	291
Herbaceous Openland	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
Lowland Aspen/Balsam Poplar	0	0	0	0	26	0	0	0	0	0	0	0	0	0	0	0	0	0	26
Lowland Conifers	0	0	0	0	0	9	8	0	46	0	0	0	0	0	0	0	0	0	63
Lowland Deciduous	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	2
Lowland Mixed Forest	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	10
Mixed Upland Deciduous	0	0	0	0	0	9	0	0	0	0	21	45	0	0	0	0	0	0	75
Northern Hardwood	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Oak	0	0	0	0	0	0	0	0	0	0	306	465	0	0	0	0	0	0	771
Red Pine	0	0	0	0	0	0	149	0	0	0	0	0	0	0	0	0	0	0	149
Upland Shrub	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Upland Spruce/Fir	0	0	0	0	29	0	0	0	0	0	0	0	0	0	0	0	0	0	29
Total	18	1	0	89	149	40	245	0	54	0	372	567	0	240	0	0	0	0	1775



Report 2 – Treatment Summary

Atlanta Mgt. Unit

Compartment 82

Year of Entry:

Acres of Harvest

Total Compartment Acres: 1,775

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

Cover Type by Harvest Method

	Clearcut	Selection	Patch Clearcut	Seed Tree	Shelterwood	Thinning	Overstory Removal	Salvage	Other	Total Acres
Aspen	68	0	0	0	0	0	0	0	0	68
Lowland Conifers	13	0	0	0	0	0	0	0	0	13
Oak	0	78	0	0	0	96	0	0	0	174
Red Pine	0	0	0	0	0	25	0	0	0	25
Total	81	78	0	0	0	121	0	0	0	280

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	280	0	52	0	0	0	1	0	9	342
Next Step	0	0	0	0	0	0	211	0	0	211
Total	280	0	52	0	0	0	212	0	9	553



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
10	54082010-CCR	12.8	6124 - Lowland Spruce-Fir	Poletimber Well	72	Unspecified	Harvest	Clearcut with Retention	6124 - Lowland Spruce-Fir	Even-Aged	Field Boundary - Ready for VMS

Habitat Cut: No**Site Condition:**

Prescription Leave 3-10% of stand area as retention. Paint 1 chain buffers around cedar patches, to reduce windthrow. Do not cut white pine (if present), or cedar.

Next Step

Treatments:

Acceptable Regen: Acceptable regeneration is any combination of spruce, fir, red maple or balsam poplar resulting in a medium or well stocked stand.

Other

Comment: Old next step comments: Acceptable regeneration is any combination of spruce, fir, red maple or balsam poplar resulting in a medium or well stocked stand.

Proposed Start Date: 10/01/2013

11	54082011-CCR	48.4	4134 - Aspen, Spruce/Fir	Poletimber Well	55	1-50	Harvest	Clearcut with Retention	4134 - Aspen, Spruce/Fir	Even-Aged	Field Boundary - Ready for VMS
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Habitat Cut: No**Site Condition:**

Prescription Leave 3-10% of stand area as retention. Paint a 1 chain buffer along adjoining cedar stands to reduce windthrow. Do not cut white pine or cedar, if present.

Next Step

Treatments:

Acceptable Regen: Acceptable regeneration is any combination of spruce, fir, red maple or aspen resulting in a medium or well stocked stand.

Other

Comment: Old next step comments: Acceptable regeneration is any combination of spruce, fir, red maple or aspen resulting in a medium or well stocked stand.

Proposed Start Date: 10/01/2013

15	54082015-Plant	51.9	4123 - Red Oak	Sawtimber Well	96	81-110	Planting	Underplant	412 - Oak Types	Even-Aged	Draft Field Boundary
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Habitat Cut: No**Site Condition:**

Prescription Plant mast bearing shrubs in open areas within this stand.

Specs:Next Step

Treatments:

Acceptable Regen: NA

Other

Comment: Old next step comments:

Proposed Start Date: 10/01/2013

18	54082018-Cut	81.3	4121 - Oak, Aspen	Sawtimber Well	96	111-140	Harvest	Crown Thinning	412 - Oak Types	Even-Aged	Draft Field Boundary
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Habitat Cut: No**Site Condition:**

Prescription Mark oak, aspen, and red maple to a residual basal area of 80 sq. ft./acre. Retain any under-represented species in the stand. Protect sub-canopy white pine, balsam fir, and red pine for visual management.

Next Step

Treatments:

Acceptable Regen:

Other

Comment: The Chippewa Hills Pathway is located throughout this stand and will be protected from any damage by logging equipment. Trail crossings may only occur at designated locations as defined by the sale administrator. Slash and tops must be kept a minimum of 30 ft. from the edge of the trail. Old next step comments:

Proposed Start Date: 10/01/2015



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
21	54082021-Cut	9.8	4131 - Aspen, Oak	Sawtimber Well	106	111- 140	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	Draft Field Boundary

Habitat Cut: No**Site Condition:**

Prescription Clearcut all species to promote dense aspen regeneration with a component of oak and red maple. The long term retention should be located
Specs: outside of the treatment area within the stand boundaries along the north edge of trail.

Next Step
Treatments:

Acceptable Well stocked aspen and oak.
Regen:

Other The Chippewa Hills Pathway is located along the northwest boundary of this treatment and must be protected from any damage by logging
Comment: equipment. No trail crossings will be necessary for this treatment. Slash and tops must be kept a minimum of 30 ft. from the edge of the trail.
Old next step comments:

Proposed Start Date: 10/01/2015

34	54082034-Cut	78.1	4121 - Oak, Aspen	Sawtimber Well	96	111- 140	Harvest	Group Selection	4199 - Other Mixed Upland Deciduous	Two-Aged	Draft Field Boundary
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Habitat Cut: No**Site Condition:**

Prescription Harvest all aspen and mark areas with a higher density of oak down to a residual basal area of 80 sq. ft./acre. Areas harvested that contain
Specs: dense aspen stocking will create large canopy gaps; remove oak in these gaps to promote regeneration of both aspen and oak. Retain any
under-represented species in the stand. Protect sub-canopy white pine, balsam fir, and red pine.

Next Step
Treatments:

Acceptable Well stocked Aspen and Oak.
Regen:

Other The Chippewa Hills Pathway is located throughout this stand and will be protected from any damage by logging equipment. Trail crossings may
Comment: only occur at designated locations as defined by the sale administrator. Slash and tops must be kept a minimum of 30 ft. from the edge of the
trail. Old next step comments:

Proposed Start Date: 10/01/2015

40	54082040-Cut	9.7	4130 - Aspen	Sawtimber Well	91	141- 170	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	Draft Field Boundary
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Habitat Cut: No**Site Condition:**

Prescription Clearcut all species to promote dense aspen regeneration with a component of oak and red maple.
Specs:

Next Step
Treatments:

Acceptable Well stocked Aspen.
Regen:

Other The Chippewa Hills Pathway is located along the northwest boundary of this treatment and must be protected from any damage by logging
Comment: equipment. No trail crossings will be necessary for this treatment. Slash and tops must be kept a minimum of 30 ft. from the edge of the trail.
Old next step comments:

Proposed Start Date: 10/01/2015

52	54082052-3rd	17.7	42110 - Planted Red Pine	Sawtimber Well	56	141- 170	Harvest	Systematic Thinning	42110 - Planted Red Pine	Even-Aged	Field Boundary - Ready for VMS
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Habitat Cut: No**Site Condition:**

Prescription Remove every 3rd row of red pine, plus up to 2/3 of trees of most other species.
Specs:

Next Step
Treatments:

Acceptable
Regen:

Other Old next step comments:
Comment:

Proposed Start Date: 10/01/2013



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
55	54082055-CT	15.1	4123 - Red Oak	Sawtimber Well	106	111-140	Harvest	Crown Thinning	4123 - Red Oak	Even-Aged	Draft Field Boundary

Habitat Cut: No

Site Condition:

Prescription Crop tree release red oak to 80-90 BA. Retain all conifers.

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other Old next step comments:

Comment:

Proposed Start Date: 10/01/2015

61	54082061-Monitor	1.0	4123 - Red Oak	Sawtimber Well	106	51-80	Monitoring	Natural Regen (Re-Inventry)	412 - Oak Types	Even-Aged	Draft Field Boundary
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Habitat Cut: No

Site Condition:

Prescription Monitor for forest health reasons. This site was an oak wilt treatment.

Specs:

Next Step

Treatments:

Acceptable any mix of oak and upland deciduous.

Regen:

Other Percent to Treat = 100% Old next step comments:

Comment:

Proposed Start Date: 10/01/2020

64	54082064-3rd	7.2	42110 - Planted Red Pine	Sawtimber Well	56	141-170	Harvest	Systematic Thinning	42110 - Planted Red Pine	Even-Aged	Field Boundary - Ready for VMS
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Habitat Cut: No

Site Condition:

Prescription Remove every 3rd row where the red pine is not stunted and 11+ inches DBH. Also remove up to 2/3 of trees of all other species within above areas of red pine harvest.

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other Old next step comments:

Comment:

Proposed Start Date: 10/01/2013

5	NF_54082005-NonFor	3.2	3102 - Grass	Nonstocked			NonForestMgt	Other - Specify	3102 - Grass		Draft Field Boundary
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Habitat Cut: No

Site Condition:

Prescription Maintain as opening through mowing and/or planting to food and cover crops for wildlife

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other May need dozer Old next step comments: Monitor for cover type and perform opening maintenance on 5-10 year rotation

Comment:

Proposed Start Date: 12/30/1899



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
12	NF_54082012- NonFor	2.7	3102 - Grass	Nonstocked			NonForestMgt	Other - Specify	3102 - Grass		Draft Field Boundary

Habitat Cut: No**Site Condition:**

Prescription Maintain as opening through mowing and/or planting to food and cover crops for wildlife

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other Old next step comments: Monitor for cover type and perform opening maintenance on 5-10 year rotation

Comment:

Proposed Start Date: 12/30/1899

32	NF_54082032- NonFor	1.6	3102 - Grass	Nonstocked			NonForestMgt	Other - Specify	3102 - Grass		Draft Field Boundary
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Habitat Cut: No**Site Condition:**

Prescription Maintain as opening through mowing and/or planting to food and cover crops for wildlife

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other Old next step comments: Monitor for cover type and perform opening maintenance on 5-10 year rotation

Comment:

Proposed Start Date: 12/30/1899

53	NF_54082053- NonFor	1.8	3102 - Grass	Nonstocked			NonForestMgt	Other - Specify	3102 - Grass		Draft Field Boundary
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Habitat Cut: No**Site Condition:**

Prescription Maintain as opening through mowing and/or planting to food and cover crops for wildlife

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other Old next step comments: Monitor for cover type and perform opening maintenance on 5-10 year rotation

Comment:

Proposed Start Date: 12/30/1899

**Total Treatment
Acreage Proposed: 342.2**

Report 5 – Site Conditions

Atlanta Mgt. Unit
Richard Barber : Examiner

Compartment: 82
Year of Entry: 2014

Availability for Management

Total	Acres	Acres Avail	Acres
Acres	Available	With Condition	Not Available

Dominant Site Conditions

	Availability for Management			Dominant Site Conditions	Dominant Site Conditions				
	Acres	Available	With Condition		5C	2F	2G	3G	5E
338	281	40	17	Aspen	40	3		12	2
291	289	0	1	Cedar		1		0	
16	16	0	0	Herbaceous Openland					
26	26	0	0	Lowland Aspen/Balsam Poplar					
63	57	0	6	Lowland Conifers				6	
2	0	0	2	Lowland Deciduous			2		
10	10	0	0	Lowland Mixed Forest					
75	75	0	0	Mixed Upland Deciduous					
1	1	0	0	Northern Hardwood					
769	476	282	11	Oak	282	5	0	6	
149	148	0	0	Red Pine	0				
2	2	0	0	Upland Shrub					
29	29	0	0	Upland Spruce/Fir					
1,773	1,413	322	38	Total Forested Acres	322	9	3	24	2
	80%	18%	2%	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		3G: Other Influence zones - See comments	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Windthrow buffer.								
2	Unavailable		2F: Too steep	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments:								

Report 5 – Site Conditions

Atlanta Mgt. Unit
Richard Barber : Examiner

Compartment: 82
Year of Entry: 2014

3	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
4	Unavailable	2F: Too steep	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
5	Unavailable	2F: Too steep	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
6	Unavailable	2F: Too steep	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
7	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
8	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	57	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 5 – Site Conditions

Atlanta Mgt. Unit
Richard Barber : Examiner

Compartment: 82
Year of Entry: 2014

9	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	48	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Treated 1995. No further treatment required at this time.							
10	Unavailable	3G: Other Influence zones - See comments	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments: windthrow buffer							
11	Unavailable	3G: Other Influence zones - See comments	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Windthrow buffer.							
12	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	30	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
13	Unavailable	3G: Other Influence zones - See comments	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Windthrow buffer.							
14	Unavailable	3G: Other Influence zones - See comments	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Windthrow buffer.							

Report 5 – Site Conditions

Atlanta Mgt. Unit
Richard Barber : Examiner

Compartment: 82
Year of Entry: 2014

15	Unavailable	3G: Other Influence zones - See comments	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Windthrow buffer.							
16	Unavailable	3G: Other Influence zones - See comments	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Windthrow buffer.							
17	Unavailable	3G: Other Influence zones - See comments	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Windthrow buffer.							
18	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	33	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
19	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	100	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
20	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	47	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 5 – Site Conditions

Atlanta Mgt. Unit
Richard Barber : Examiner

Compartment: 82
Year of Entry: 2014

21	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							



7 – 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.

Stand	SCA Type	SCA Name	Acres	Comments
52	SCA Removal	54082052 og NOT	0.3	
61	SCA Removal	54082061 og NOT	100.2	
61	SCA Removal	54082061 og NOT_small	0.2	
61	SCA Removal	54082061 og NOT_small_1	1.4	
62	SCA Removal	54082062 og NOT	23.9	
64	SCA Removal	54082064 og NOT	1.1	
53	SCA Removal	NF_54082053 og NOT	1.6	



Report 7 – 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.

Report 8 – Forested Stands

Compartment: 82
Year of Entry: 2014



Stand	Atlanta Mgt. Unit		Report 8 – Forested Stands			Compartment: 82 Year of Entry: 2014	
	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:	
1	6120 - Lowland Cedar	Poletimber Well	8.2	75	Unspecified		
2	6120 - Lowland Cedar	Poletimber Well	150.5	121	Unspecified		
3	6123 - Lowland Fir	Poletimber Well	8.8	48	Unspecified	cedar stumps.	
4	6130 - Fir, Aspen, Maple	Sapling Well	10.3	48	Unspecified		
6	4130 - Aspen	Sapling Well	3.5	20	Unspecified		
7	4130 - Aspen	Sapling Well	7.8	20	1-50		
8	6117 - Lowland Deciduous, Mixed Coniferous	Sawtimber Well	2.4	96	51-80		
9	42360 - Upland Cedar	Sawtimber Well	43.0	106	Unspecified	multiple free flowing streams. understory may be either full or absent, depending on location.	
10	6124 - Lowland Spruce- Fir	Poletimber Well	46.4	72	Unspecified	Consists of balsam fir, spruce, tag alder swamp with higher ground areas of cedar.	
11	4134 - Aspen, Spruce/Fir	Poletimber Well	64.2	55	1-50		
13	4130 - Aspen	Sapling Well	14.8	29	1-50		
14	4123 - Red Oak	Sawtimber Medium	2.3	101	1-50	Appears to have been maintained as wildlif food plot in past, now largely sweet fern. Could mow, plant, burn, etc.	
15	4123 - Red Oak	Sawtimber Well	55.8	96	81-110		
16	4130 - Aspen	Sapling Well	11.3	29	Unspecified		
17	4130 - Aspen	Sapling Well	12.4	29	Unspecified		
18	4121 - Oak, Aspen	Sawtimber Well	141.6	96	111-140		
19	42330 - Upland Fir	Sapling Well	29.3	33	Unspecified		
20	4130 - Aspen	Sapling Well	23.5	20	Unspecified		



Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
4131 - Aspen, Oak	Sawtimber Well	13.9	106	111-140	New stand added.
6120 - Lowland Cedar	Sawtimber Well	16.1	121	Unspecified	
6120 - Lowland Cedar	Poletimber Well	66.6	121	Unspecified	
6111 - Lowland Balsam Poplar	Sapling Well	26.4	32	Unspecified	New stand added. free flowing stream. former cedar stand.
4130 - Aspen	Poletimber Well	24.5	30	1-50	
4123 - Red Oak	Sawtimber Well	49.8	101	81-110	Thinned 1995.
4130 - Aspen	Sapling Well	11.7	42	1-50	
4131 - Aspen, Oak	Sapling Well	11.7	29	1-50	
4123 - Red Oak	Sawtimber Well	31.1	100	81-110	
4130 - Aspen	Sapling Well	3.9	31	1-50	
6123 - Lowland Fir	Poletimber Well	8.2	53	Unspecified	east end of stand is more upland, 2" dbh balsam fir and larger cedar.
6120 - Lowland Cedar	Poletimber Well	6.4	121	Unspecified	intermittent stream.
4121 - Oak, Aspen	Sawtimber Well	107.9	96	111-140	
4139 - Aspen, Mixed Deciduous	Poletimber Well	16.5	56	51-80	
4130 - Aspen	Sapling Well	3.8	20	1-50	
4123 - Red Oak	Sawtimber Well	68.3	104	81-110	
4130 - Aspen	Sawtimber Well	42.5	91	141-170	
4199 - Other Mixed Upland Deciduous	Poletimber Well	8.8	41	1-50	New stand added.
42110 - Planted Red Pine	Sawtimber Well	106.2	57	111-140	



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
46	4199 - Other Mixed Upland Deciduous	Sawtimber Medium	45.2	106	51-80	
47	4130 - Aspen	Poletimber Well	21.7	30	1-50	
48	4123 - Red Oak	Sawtimber Well	38.1	106	81-110	
49	4130 - Aspen	Poletimber Well	22.9	30	1-50	
50	4123 - Red Oak	Sawtimber Well	27.0	106	81-110	
52	42110 - Planted Red Pine	Sawtimber Well	25.9	56	141-170	
55	4123 - Red Oak	Sawtimber Well	15.1	106	111-140	
56	4199 - Other Mixed Upland Deciduous	Sawtimber Medium	21.4	99	51-80	
57	4130 - Aspen	Sapling Well	21.2	30	Unspecified	
59	4123 - Red Oak	Sawtimber Well	35.8	106	81-110	
60	4112 - Maple, Beech, Cherry Association	Sapling Poor	1.1	9	Unspecified	Most maple from seed. Most oak from sprouts. High density of oak seedlings up to 2 feet high. Few oak saplings from seed.
61	4123 - Red Oak	Sawtimber Well	101.8	106	51-80	Thinned 2007. Oak wilt detected in this in 2014. See OFS point. --RGB
62	4123 - Red Oak	Sawtimber Medium	23.9	106	51-80	
63	4123 - Red Oak	Sawtimber Medium	24.7	106	51-80	
64	42110 - Planted Red Pine	Sawtimber Well	16.5	56	141-170	
65	4123 - Red Oak	Sawtimber Medium	7.4	106	81-110	thinned 2007
66	4123 - Red Oak	Sawtimber Medium	39.8	106	81-110	Thinned 2007.
67	4130 - Aspen	Poletimber Well	7.2	56	81-110	Split from original stand #44. Updated after Half Hill Berries Sale # 54-037-10-01



Stand	Cover Type	Acres	Managed Site	General Comments:
5	3102 - Grass	3.2	Yes	
12	3102 - Grass	2.7	Yes	New stand added.
32	3102 - Grass	1.6	Yes	
36	320 - Upland Shrub	1.8	Yes	
39	3102 - Grass	1.3	Yes	
43	3102 - Grass	1.0	Yes	
45	3102 - Grass	1.8	Yes	New stand added.
51	3102 - Grass	1.0	Yes	
53	3102 - Grass	1.8	Yes	
54	3102 - Grass	1.0	Yes	
58	3102 - Grass	1.0	Yes	