



# Compartment Review Presentation

Atlanta Forest Management Unit

Compartment 54001

Entry Year 2025

Acreage: 1,686

County Montmorency

Management Area: High Sand Plains

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**Stand Examiner:** Darrick Coy

**Legal Description:**

T29N R01E Sections 3, 4, 9, 10, & 15

**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, oak, 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 well to excessively drained graylings sands. Overall, the topography is rolling to flat with scattered dried out ponds or kettles. The compartment forest habitat types are mostly PArVHa & PArVVb. In general, site quality increases from SW to NE throughout the compartment.

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

No ownership changes from previous inventory. Antrim gas development has been a major impact to this compartment. Some trespass issues may exist.

**Unique Natural Features:**

Features exist and have been reported by MNFI within this compartment:

Element Occurrences- rough fescue, pale agoseris, alleghany plum, & hill's thistle

Potential Occurrences- red shouldered hawk, bald eagle, common loon, grizzled zipper, red legged spittlebug, dusted skipper, secretive locust, eastern flat-whorl snail, spike-lip crater snail, doll's merolonche, & whorled pogonia

Contact Michigan Natural Features Inventory for more information or reporting. All proposed management activities have taken these concerns into consideration.

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

Sites exist. Contact the State Historical Preservation Office for more information or reporting of new sites. All proposed management activities have taken these concerns into consideration.

**Special Management Designations or Considerations:**

Maintain pine barrens with fire when opportunities become available.

**Watershed and Fisheries Considerations:**

Maintain quality buffers (or selective cut) around natural lakes.

**Wildlife Habitat Considerations:**

Featured species in this compartment include white-tailed deer, ruffed grouse, wild turkey, and black bear. There are good blueberry, cherry, thornapple, oak, and aspen resources in this compartment which offer good spring, summer, and fall habitat components for the featured species. Maintenance of young forest, large open grassland complexes, and the maintenance and expansion of hard mast are desirable. Openings should be maintained by seeding or prescribed fire depending on soils present.

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

The nearest active sand/gravel operations are less than two miles north of the compartment. There may be some potential for sand & gravel within the compartment, but any surface mining would need to avoid oil & gas facilities. This area has been developed for and is producing gas from the Antrim Shale. All State-owned mineral rights in the compartment are currently leased and held by production. Due to the persistent low price of natural gas, there is unlikely to be any additional Antrim development in the compartment in the near future. There has been some isolated hydrocarbon production from a Silurian reef pool just south of the compartment, but this area is well south of the main reef trend, and potential for

additional reef discoveries beneath the compartment may be low. There is no known metallic mineral potential in this part of the state. The State does not own all the mineral rights within the compartment. Because the mineral estate is the dominant estate, reasonable access to the surface must be provided to private owners if they choose to explore or develop their mineral rights.

**Vehicle Access:**

There are many access points with Antrim gas well two-tracks that were created in the last 20 years.

**Survey Needs:**

E1/2 of SW1/4 of SW1/4 of section 4 and possibly other sections

**Recreational Facilities and Opportunities:**

Buttles Rd Pathway and ORV trails cross the compartment between Buttles Rd. and Winding Rd. The Buttles Rd. Pathway is used for hiking and skiing. A new snowmobile trail was constructed along Winding Rd to connect Montmorency County trails to Otsego County trails.

**Fire Protection:**

Lewiston and Atlanta Field Office provide protection. Mature jp is being removed to reduce threats of wildfire and heavier fuel loads. Open grass and shrub areas are being burned periodically as well.

**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**

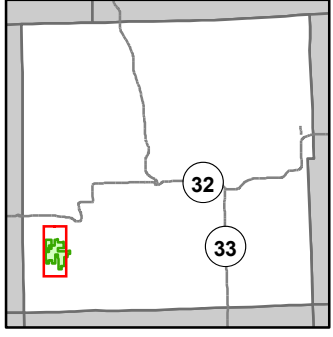
The following information is displayed, where pertinent, on the attached compartment maps:

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

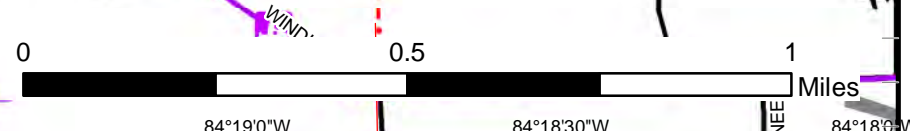
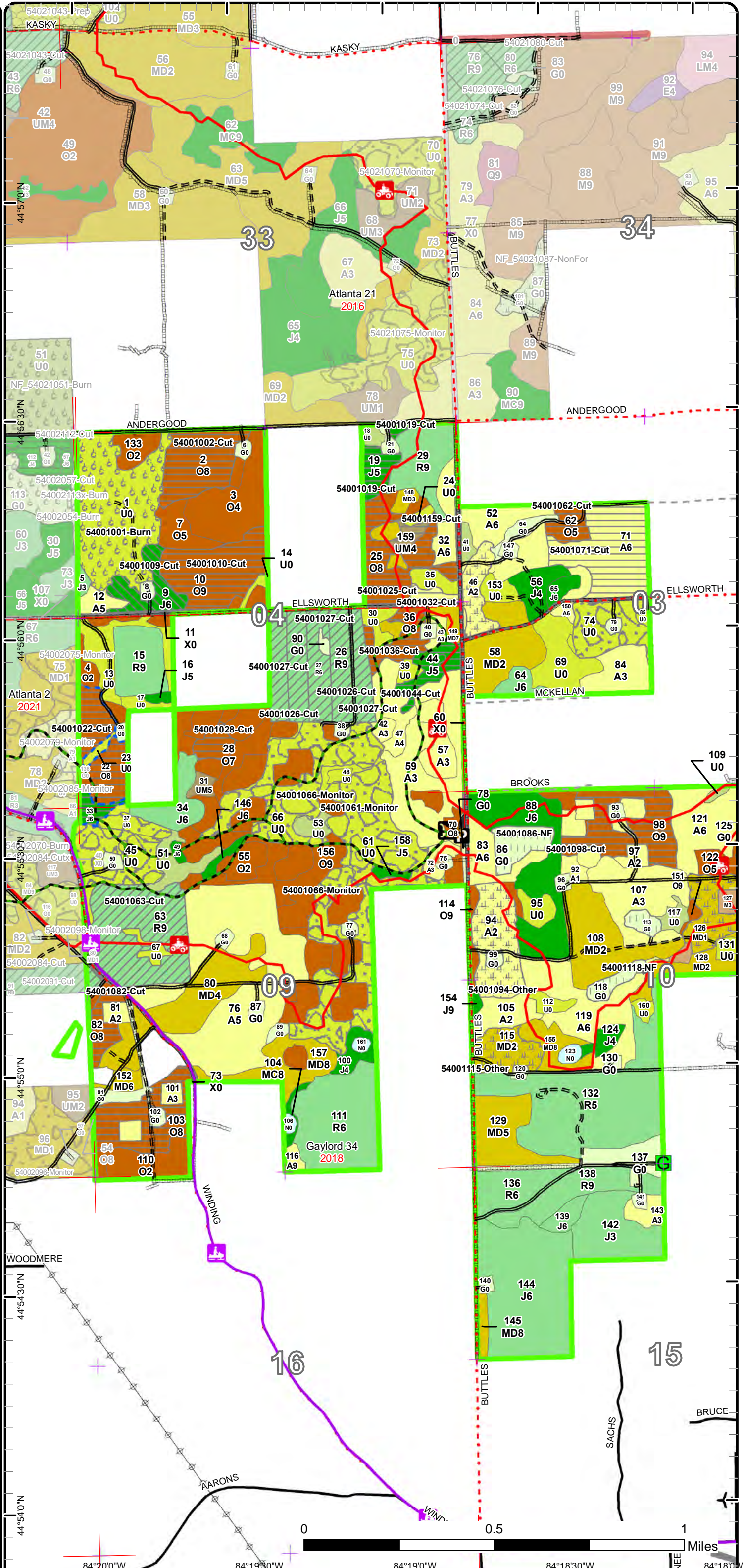


# Cover Type & Treatments Map

Compartment: 1  
 T29N, R01E, Sec. 3-4, 9-10, 15  
 County: Montmorency  
 Unit: Atlanta  
 Mgmt Area: High Sand Plains  
 YOE: 2025  
 Acres: 1685.8 GIS Calculated  
 Examiner: Darrick Coy  
 Map Revised: 6/12/2023  
 Map Phase: Review



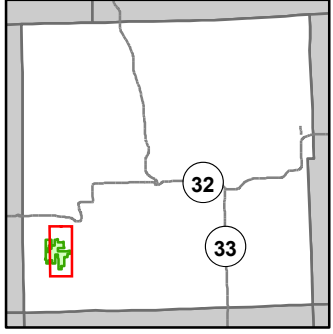
- Miris Corners
- + Remonumented Section Corners
- Counties
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State / County - Paved Road
- County - Gravel Road
- County - Dirt Road (Seasonal)
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- ✳️ Trailhead
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- Compartment Boundary
- Treatments with Site Conditions
- Other Harvest - See Comments
- Other Treatment - See Comments
- Clearcut (w/Reserves)
- Prescribed Burn
- Thinning (Crown, Low, Systematic)
- Regeneration Survey
- Opening Maintenance
- 411 - Northern Hardwood
- 412 - Oak Types
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 422 - Natural Pines
- 430 - Upland Mixed Forest
- 122 - Roads/Parking Lot
- 310 - Herbaceous Openland
- 320 - Upland Shrub
- 330 - Low Density Trees
- 623 - Emergent Wetland



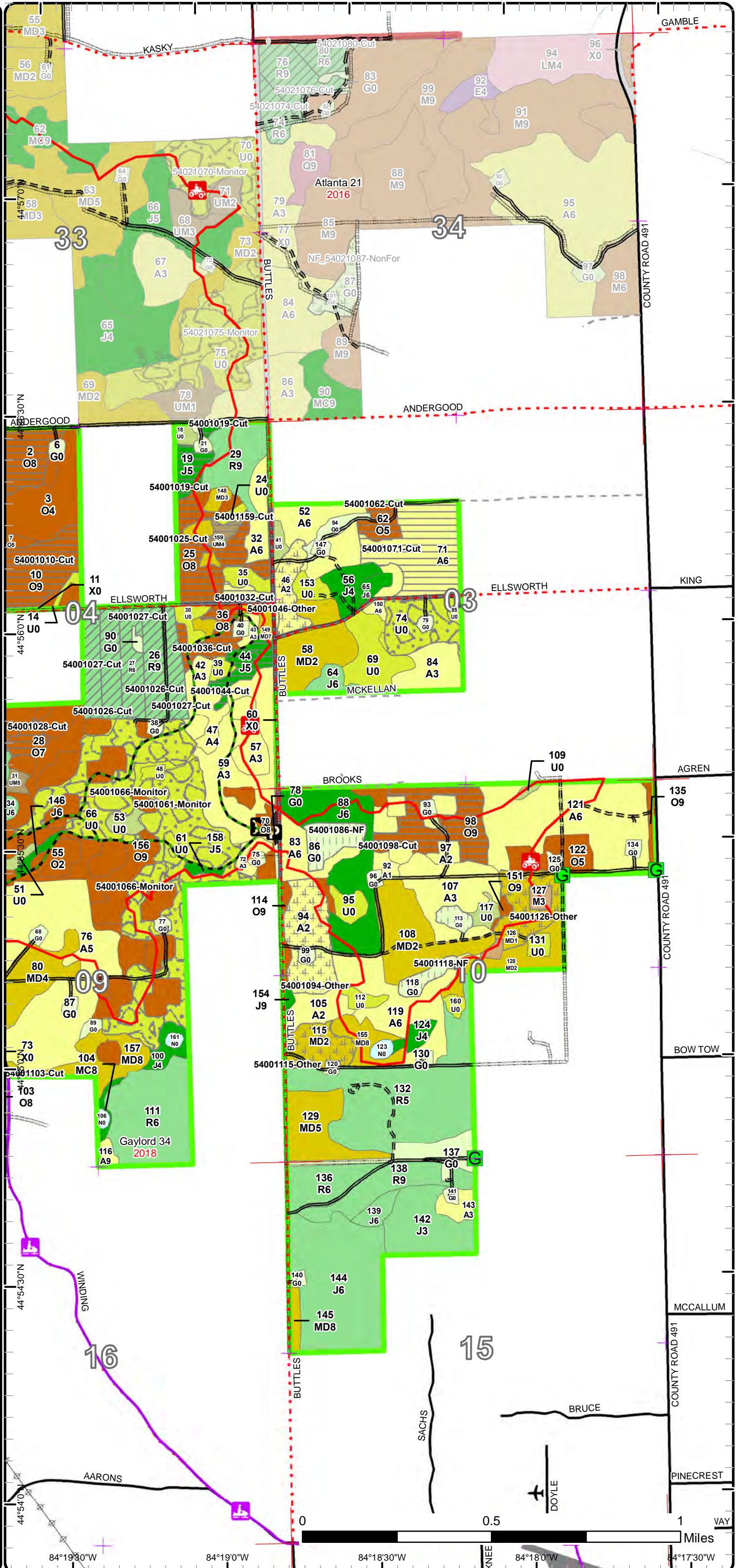


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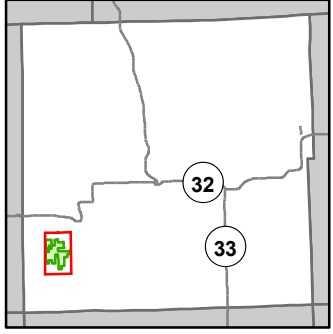
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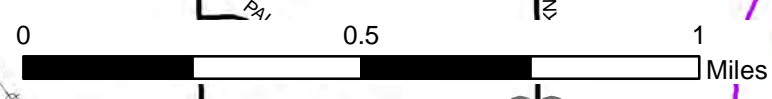
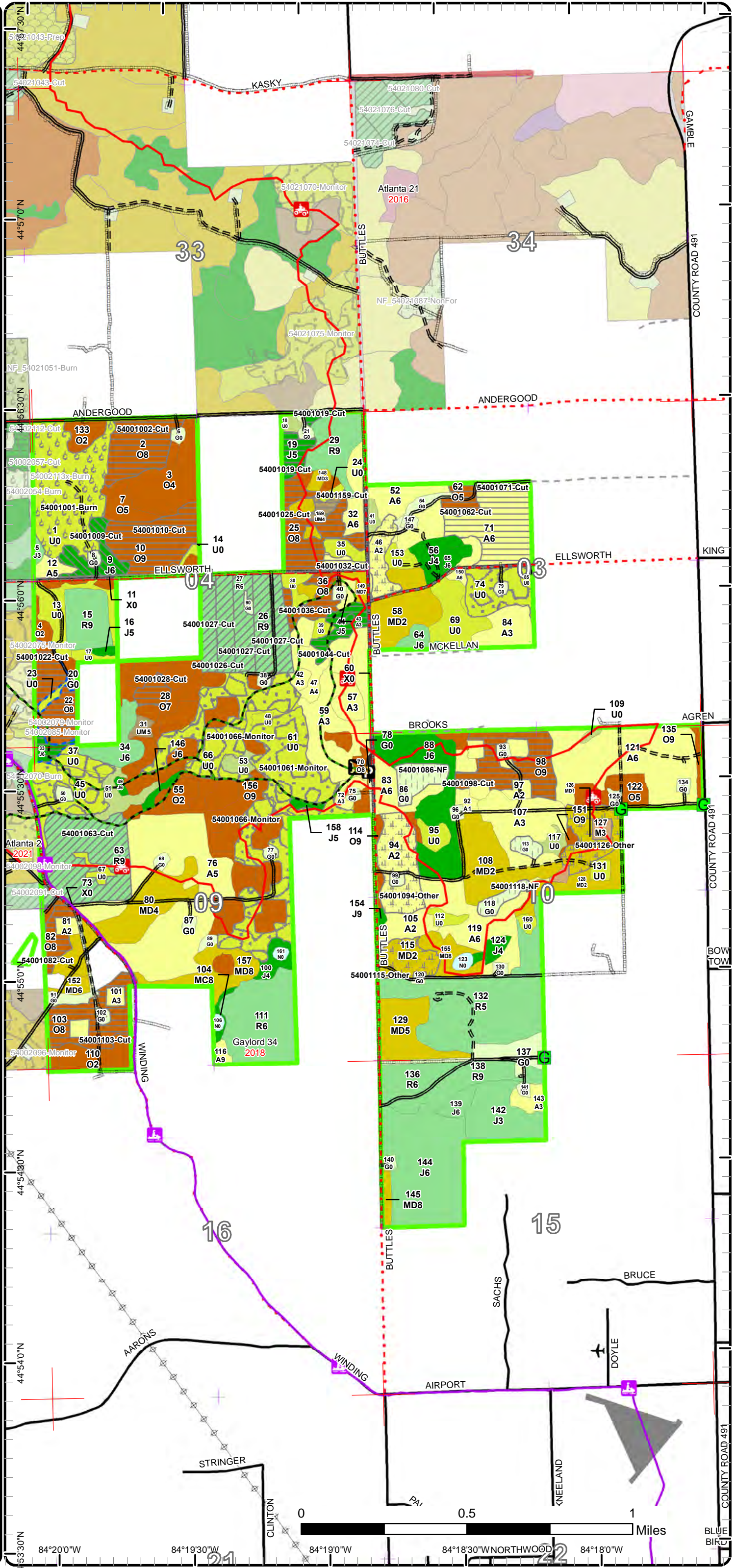


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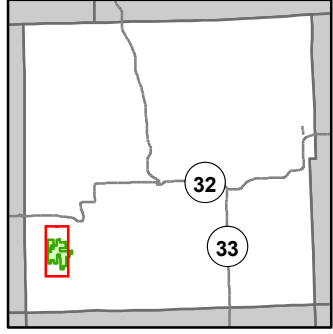


44°53'30"N 84°20'0"W 84°19'30"W 84°19'0"W 84°18'30"W 84°18'0"W

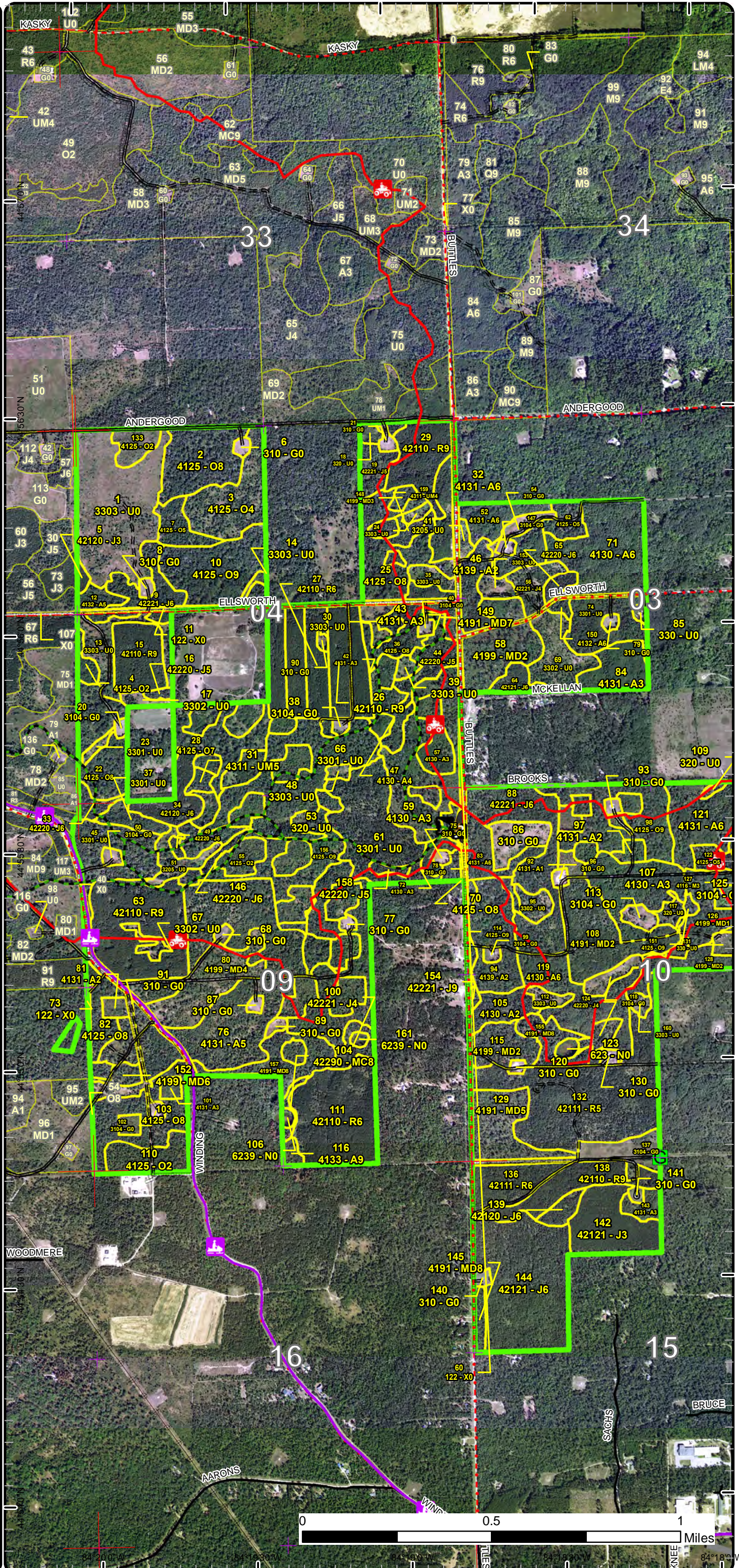


# Stand Boundary Map

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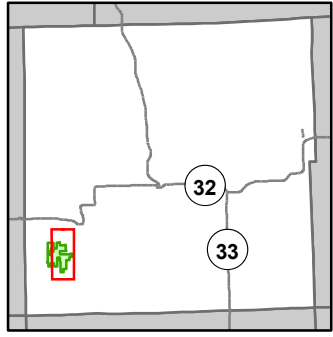
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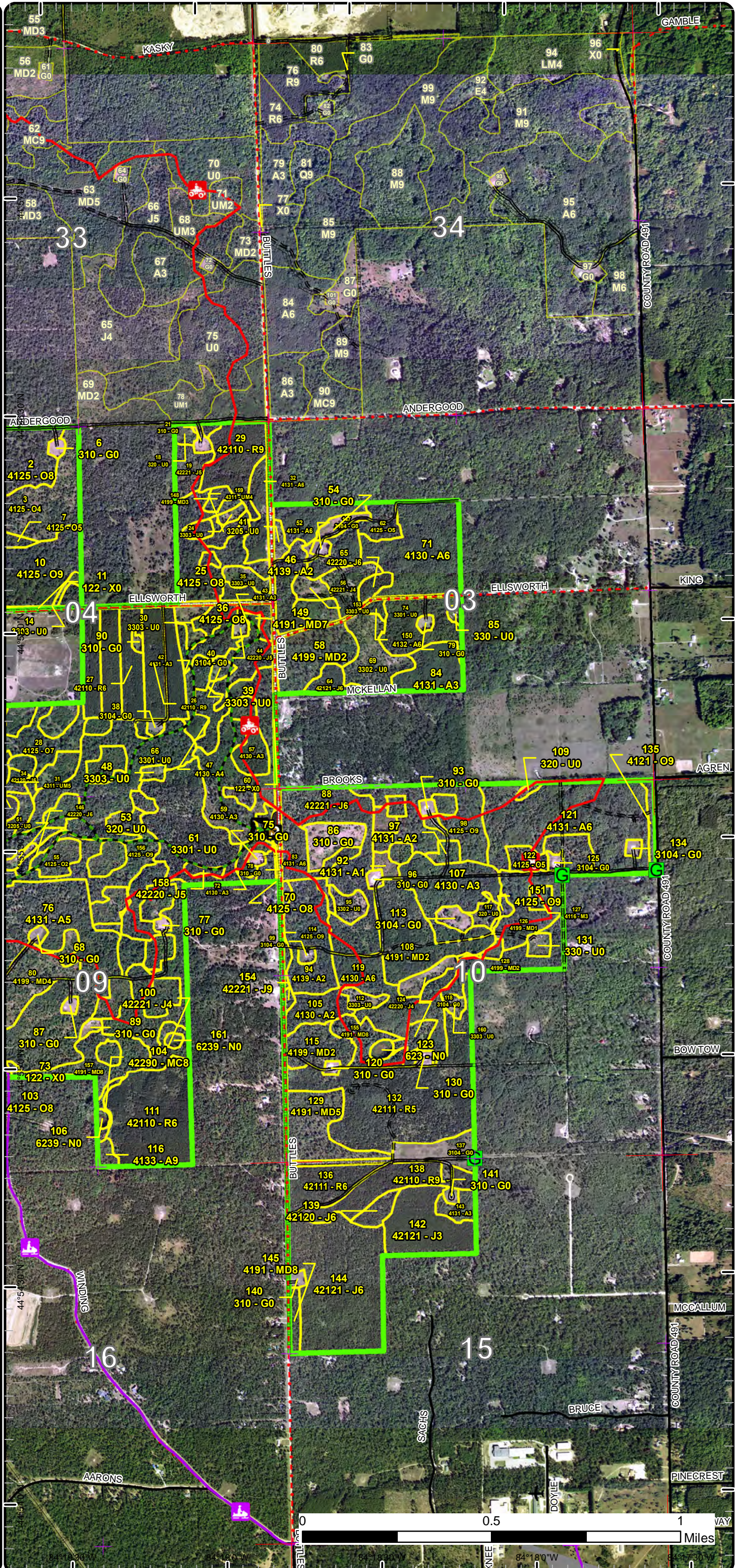


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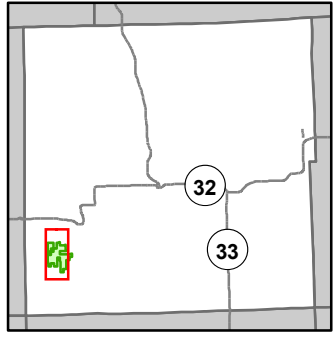
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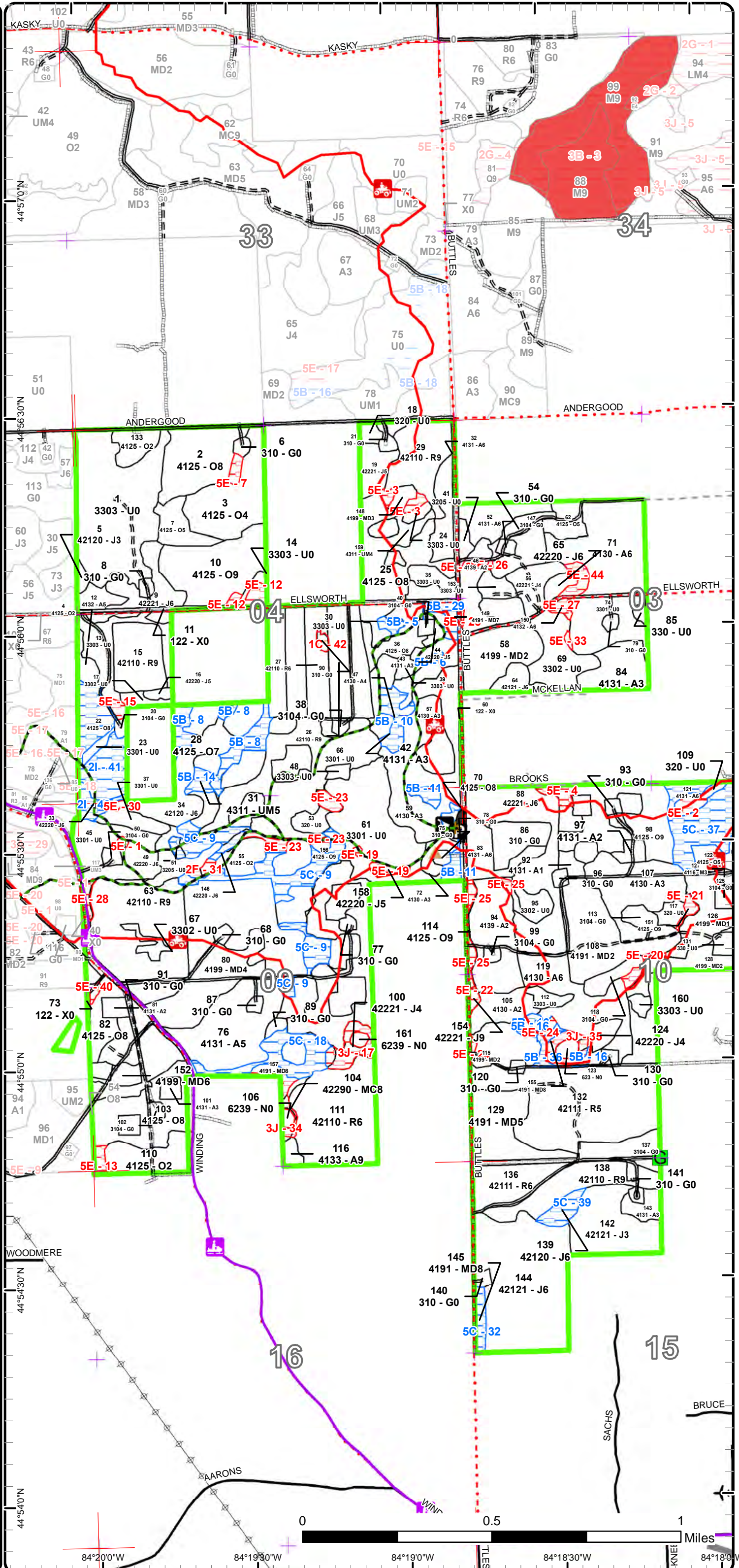


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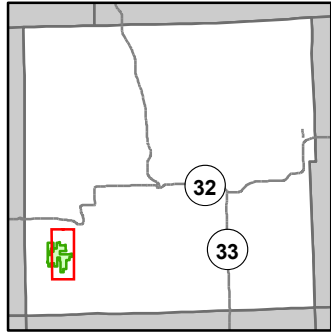
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- Compartment Boundary
- Available w/ Constraints
- 2I: Survey needed
- 5B: Maintain for regeneration purposes
- 5C: Delay treatment for age/size class diversity or exceptional site quality
- Unavailable
- 1C: Other dept or div proc/practices
- 2F: Too steep
- 3J: Water quality / BMPs (stream, river, or lake)
- 5E: Long-Term Retention
- Stand Boundaries
- SCA
- Ecological Reference Areas
- Trail Head



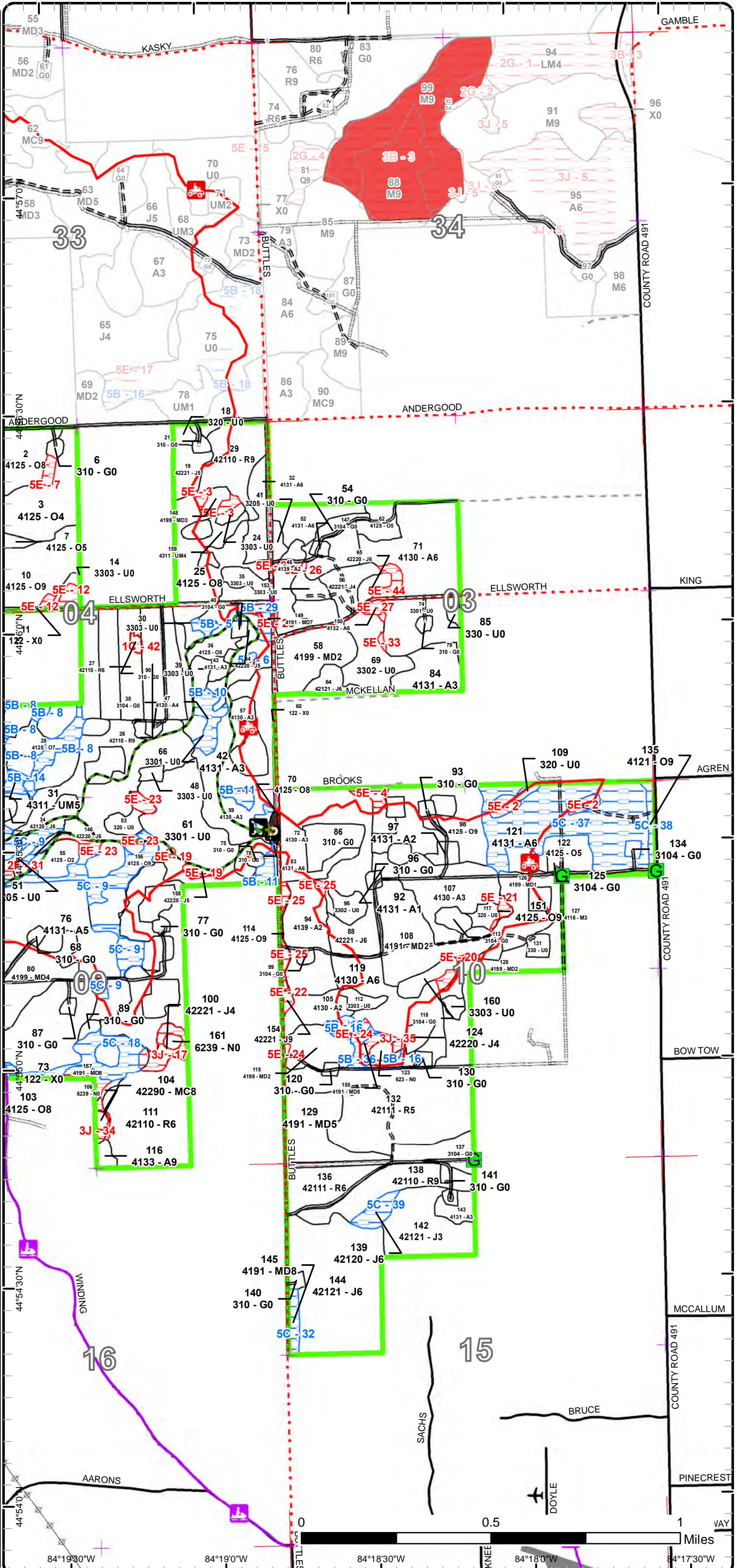


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- Cold Water Streams
- Trail Head





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	38	46	42	54	101	86	2	6	0	0	0	0	0	0	0	0	0	375
Herbaceous Openland	67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	67
Jack Pine	0	0	0	22	18	94	7	32	0	2	1	0	0	0	0	0	0	0	176
Low-Density Trees	248	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	248
Marsh	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Mixed Upland Deciduous	0	38	21	30	18	31	0	0	0	0	28	3	0	0	0	0	0	0	169
Natural Mixed Pines	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	2
Northern Hardwood	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Oak	0	0	69	0	47	0	17	0	0	0	126	86	0	0	0	0	0	0	344
Red Pine	0	0	0	0	136	0	0	107	0	0	0	0	0	0	0	0	0	0	243
Upland Mixed Forest	0	0	0	0	0	0	0	0	2	3	0	0	0	0	0	0	0	0	5
Upland Shrub	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17
Urban	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25
<b>Total</b>	<b>361</b>	<b>76</b>	<b>140</b>	<b>94</b>	<b>273</b>	<b>226</b>	<b>110</b>	<b>141</b>	<b>8</b>	<b>7</b>	<b>155</b>	<b>89</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1679</b>





## Report 2 – Treatment Summary

Atlanta Mgt. Unit

Compartment 1

Year of Entry: 2025

Acres of Harvest

Total Compartment Acres: 1,686

Commercial Harvest - 280  
 Harvests with Site Condition - 22  
 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	32	0	0	0	0	0	0	0	0	32
Jack Pine	18	0	0	0	0	0	0	0	10	28
Oak	152	0	0	0	0	0	0	0	0	152
Red Pine	0	0	0	0	0	87	0	0	0	87
Upland Mixed Forest	3	0	0	0	0	0	0	0	0	3
<b>Total</b>	<b>206</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>87</b>	<b>0</b>	<b>0</b>	<b>10</b>	<b>303</b>

### Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	303	0	0	0	48	0	132	55	16	553
Next Step	0	0	0	0	68	0	332	0	0	400
<b>Total</b>	<b>303</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>116</b>	<b>0</b>	<b>464</b>	<b>55</b>	<b>16</b>	<b>953</b>





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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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**Proposed Treatments:**

<b>1</b>	<b>54001001-Burn</b>	48.1	3303 - Mixed Low Density Trees	Nonstocked	Immature	Burn	Opening	3302 - Low Density Conifer Trees		No
<p><u>Prescription</u> -use prescribed fire to burn area to manage for pine barrens condition</p> <p><u>Specs:</u></p> <ul style="list-style-type: none"> <li>-burn again before and/or after stand 9 harvest is complete</li> <li>-burn timing and intensity to be determined by fire management specialist and wildlife division</li> <li>-Opening may be maintained on an ongoing rotational basis through burning, mowing, planting, and herbicide to maintain pine barrens. Burning is the preferred method.</li> </ul> <p><u>Next Step</u> Monitoring, Prescribed Burn</p> <p><u>Treatments:</u> ; Burn, Opening; Monitoring, Prescribed Burn</p> <p><u>Acceptable Regen:</u></p> <p><u>Other Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2023</p>										

<b>2</b>	<b>54001002-Cut</b>	20.5	4125 - Black, N. Pin Oak	Sawtimber Medium	94	51-80	Harvest	Clearcut with Retention	4191 - Mixed Upland Deciduous with Conifer	Even-Aged	No
<p><u>Prescription</u> -clearcut</p> <p><u>Specs:</u></p> <ul style="list-style-type: none"> <li>-leave all white pine, if present</li> <li>-leave 3-10% in area retention (already excluded- see site conditions layer)</li> <li>-no feller bunchers or tree-length skidding with crowns attached to protect existing advanced oak regeneration</li> <li>-operations must try to avoid damaging all advanced regeneration as much as possible</li> </ul> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u> -maple, cherry, aspen, oak, and pine of low to high stocking</p> <p><u>Other Comment:</u> -recommend preparing and cruising treatment during leaf-off due to high subcanopy coverage of shrubs and/or advanced regeneration</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2024</p>											





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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
<b>9 54001009-Cut</b>	9.9	42221 - Natural Jack Pine, Mixed Deciduous	Poletimber Well	63	51-80	Harvest	Other - Specify	3303 - Mixed Low Density Trees		No
<p><u>Prescription</u> -leave 10-25% canopy cover comprised of scattered representative individual leave trees and reserve areas for pine barrens expansion</p> <p><u>Specs:</u>                      -require keeping slash away from residual trees                      -leave trees should be healthy, tall, and mature oak and/or pine                      -require harvesting Dec 1-March 15th due to special concerns (see draft treatment comments for other information)</p> <p><u>Next Step</u> Burn, Opening; Monitoring, Prescribed Burn</p> <p><u>Treatments:</u> ; Monitoring, Natural Regen (Re-Inventory); Burn, Opening; Monitoring, Prescribed Burn</p> <p><u>Acceptable Regen:</u>                      -maple, aspen, oak, cherry, and pine of low to high stocking                      -burn area with stand 1 post-harvest                      -burn timing and intensity to be determined by fire management specialist and wildlife division                      -monitor burned area after first burn and burn again in 3-5 years                      -if prescribed burn does not happen, also accept jack pine, aspen, or mixed upland deciduous cover types of low to high stocking</p> <p><u>Other Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2024</p>										
<b>10 54001010-Cut</b>	25.3	4125 - Black, N. Pin Oak	Sawtimber Well	92	51-80	Harvest	Clearcut with Retention	4199 - Other Mixed Upland Deciduous	Even-Aged	No
<p><u>Prescription</u> -clearcut</p> <p><u>Specs:</u>                      -leave all white pine, if present                      -leave 3-10% in area retention (already excluded, see site conditions layer)                      -no feller bunchers or tree-length skidding with crowns attached to protect existing advanced oak regeneration                      -operations must try to avoid damaging all advanced regeneration as much as possible</p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u>                      -aspen, oak, pine, cherry, and maple of medium to high stocking                      -also accept oak and aspen cover type objectives</p> <p><u>Other Comment:</u>                      -recommend preparing and cruising treatment during leaf-off due to high subcanopy coverage of shrubs and/or advanced regeneration</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2024</p>										
<b>19 54001019-Cut</b>	7.3	42221 - Natural Jack Pine, Mixed Deciduous	Poletimber Medium	68	51-80	Harvest	Clearcut	4132 - Aspen, Jack Pine	Even-Aged	No
<p><u>Prescription</u> -clearcut</p> <p><u>Specs:</u>                      -leave all white pine, if present                      -no area retention                      -protect ORV trail in timber sale specifications</p> <p><u>Next Step</u> ; Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u>                      -acceptable regen is maple, cherry, aspen, oak, and pine of low to high stocking                      -also accept mixed upland deciduous and jack pine cover types</p> <p><u>Other Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2024</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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22	54001022-Cut	18.8	4125 - Black, N. Pin Oak	Sawtimber Medium	109	51-80	Harvest	Clearcut with Retention	4199 - Other Mixed Upland Deciduous	Even-Aged	No
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Prescription -clearcut  
Specs: -leave all white pine, if present  
 -leave 3-10% in area retention (already excluded, see site conditions layer)  
 -protect Buttles pathway in timber sale specifications  
 -no feller bunchers or tree-length skidding with crowns attached to protect existing advanced oak regeneration  
 -operations must try to avoid damaging all advanced regeneration as much as possible

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Regen: -aspens, oak, pine, cherry, and maple of low to high stocking

-also accept oak and aspen cover type objectives

Other Comment:

Site Condition Survey Needed

Proposed Start Date: 10/1 /2024

25	54001025-Cut	20.4	4125 - Black, N. Pin Oak	Sawtimber Medium	97	51-80	Harvest	Clearcut with Retention	4131 - Aspen, Oak	Even-Aged	No
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Prescription -clearcut  
Specs: -leave all white pine, if present  
 -leave 3-10% in area retention (already excluded, see site conditions layer)  
 -protect ORV trail in timber sale specifications  
 -no feller bunchers or tree-length skidding with crowns attached to protect existing advanced oak regeneration  
 -operations must try to avoid damaging all advanced regeneration as much as possible

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Regen: -aspens, oak, pine, cherry, and maple of medium to high stocking

-also accept oak and upland mixed deciduous cover type objectives

Other Comment: -recommend preparing and cruising treatment during leaf-off due to high subcanopy coverage of shrubs and/or advanced regeneration

Site Condition

Proposed Start Date: 10/1 /2024

26	54001026-Cut	20.6	42110 - Planted Red Pine	Sawtimber Well	62	141-170	Harvest	Low Thinning	4211 - Planted Red Pine	Even-Aged	No
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Prescription -mark-to-cut stand leaving 120 residual BA  
Specs: -remove suppressed trees with smaller crowns and low vigor  
 -remove pine from above that are utility pole size to release smaller diameter trees of good form and crown vigor when possible

Next Step  
Treatments:

Acceptable Regen:

Other Comment: -gas well used as landing area last YOE

Site Condition

Proposed Start Date: 10/1 /2024





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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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27	54001027-Cut	27.8	42110 - Planted Red Pine	Poletimber Well	38	171-200	Harvest	Systematic Thinning	4211 - Planted Red Pine	Even-Aged	No
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Prescription -3rd row thin  
Specs: -rows well defined, no need to mark rows  
 -see draft comments for sale prep and administration special considerations

Next Step  
Treatments:

Acceptable  
Regen:

Other gas well, used as landing area last YOE  
Comment:

Site Condition

Proposed Start Date: 10/1 /2024

28	54001028-Cut	4.4	4125 - Black, N. Pin Oak	Sawtimber Poor	107	1-50	Harvest	Clearcut	4199 - Other Mixed Upland Deciduous	Even-Aged	No
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Prescription -clearcut  
Specs: -leave all white pine, if present  
 -no area retention necessary due to small treatment size and partial stand harvest  
 -no tree-length skidding with crowns attached to protect existing advanced oak regeneration  
 -operations must try to avoid damaging all advanced regeneration as much as possible

Next Step Monitoring, Natural Regen (Re-Inventory)  
Treatments:

Acceptable -aspen, oak, pine, cherry, and maple of low to high stocking  
Regen:

-also accept oak cover type objective  
Other -recommend including this small treatment in pine sale to the east  
Comment: -recommend preparing and cruising treatment during leaf-off due to high subcanopy coverage of shrubs and/or advanced regeneration

Site Condition

Proposed Start Date: 10/1 /2024

32	54001032-Cut	2.7	4131 - Aspen, Oak	Poletimber Well	38	51-80	Harvest	Clearcut	4130 - Aspen	Even-Aged	No
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Prescription -clearcut, partial stand harvest  
Specs: -leave all white pine, if present  
 -no area retention necessary due to small treatment size  
 -protect ORV trail in timber sale specifications  
 -leave grouse trees per wildlife specifications, suggest mark to leave

Next Step Monitoring, Natural Regen (Re-Inventory)  
Treatments:

Acceptable -aspen, oak, pine, and maple of medium to high stocking  
Regen:

Other  
Comment:

Site Condition

Proposed Start Date: 10/1 /2024





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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
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<b>33</b>	<b>54001033-Cut</b>	3.6	42220 - Natural Jack Pine	Poletimber Well	59	51-80	Harvest	Clearcut	4191 - Mixed Upland Deciduous with Conifer	Even-Aged	No
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Prescription -clearcut  
Specs: -leave all white pine, if present  
 -area retention not necessary due to small treatment size  
 -protect non-motorized pathway in timber sale specifications

Next Step Monitoring, Natural Regen (Re-Inventory)  
Treatments:

Acceptable Regen: -aspens, oak, pine, cherry, and maple of low to high stocking  
 -also accept oak and jack pine cover type objectives

Other Comment:

Site Condition Survey Needed  
Proposed Start Date: 10/1 /2024

<b>36</b>	<b>54001036-Cut</b>	8.8	4125 - Black, N. Pin Oak	Sawtimber Medium	98	51-80	Harvest	Clearcut	4199 - Other Mixed Upland Deciduous	Even-Aged	No
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Prescription -clearcut  
Specs: -leave all wp, if present  
 -no area retention necessary due to small treatment size  
 -protect ORV trail and Buttles pathway in timber sale specifications  
 -no feller bunchers or tree-length skidding with crowns attached to protect existing advanced oak regeneration  
 -operations must try to avoid damaging all advanced regeneration as much as possible

Next Step Monitoring, Natural Regen (Re-Inventory)  
Treatments:

Acceptable Regen: -aspens, oak, pine, and maple of medium to high stocking  
 -also accept oak and aspen cover type objectives

Other Comment: -recommend preparing and cruising treatment during leaf-off due to high subcanopy coverage of shrubs and/or advanced regeneration

Site Condition  
Proposed Start Date: 10/1 /2024

<b>44</b>	<b>54001044-Cut</b>	7.4	42220 - Natural Jack Pine	Poletimber Medium	69	51-80	Harvest	Clearcut	4191 - Mixed Upland Deciduous with Conifer	Even-Aged	No
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Prescription -clearcut  
Specs: -leave all wp, if present  
 -no area retention necessary due to small treatment size, except for leaving protection area for advanced oak regeneration  
 -protect ORV trail and non-motorized pathway in timber sale specifications

Next Step Monitoring, Natural Regen (Re-Inventory)  
Treatments:

Acceptable Regen: -aspens, oak, pine, cherry, and maple of low to high stocking  
 -also accept oak and jack pine cover type objectives

Other Comment:

Site Condition  
Proposed Start Date: 10/1 /2024





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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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46	54001046-Other	8.7	4139 - Aspen, Mixed Deciduous	Sapling Medium	4	Immature	Other	Other	4139 - Aspen, Mixed Deciduous	Even-Aged	No
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Prescription -variance during compartment review to approve current aspen, mixed deciduous cover type.

Specs:

Next Step

Treatments:

Acceptable -jp, aspen, cherry, maple, and oak of medium to high stocking

Regen:

Other

Comment:

Site Condition

Proposed Start Date: 10/1 /2024

62	54001062-Cut	5.7	4125 - Black, N. Pin Oak	Poletimber Medium	56	51-80	Harvest	Clearcut	4131 - Aspen, Oak	Even-Aged	No
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Prescription -clearcut

Specs:  
-leave all wp, only a trace present  
-no area retention due to small treatment size

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable -aspen, oak, pine, and maple of medium to high stocking

Regen:

-also accept mixed deciduous and oak cover types

Other

Comment:

Site Condition

Proposed Start Date: 10/1 /2024

63	54001063-Cut	38.5	42110 - Planted Red Pine	Sawtimber Well	67	141-170	Harvest	Crown Thinning	4211 - Planted Red Pine	Even-Aged	No
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Prescription -mark-to-cut stand leaving 120 residual BA

Specs:  
-remove suppressed trees with smaller crowns and low vigor  
-remove pine from above that are utility pole size to release smaller diameter trees of good form and crown vigor when possible  
-protect ORV trail and Buttles pathway in timber sale specifications

Next Step

Treatments:

Acceptable

Regen:

Other

Comment:

Site Condition

Proposed Start Date: 10/1 /2024





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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
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<b>71</b>	<b>54001071-Cut</b>	29.6	4130 - Aspen	Poletimber Well	56	81-110	Harvest	Clearcut with Retention	4130 - Aspen	Even-Aged	No
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Prescription -clearcut  
Specs: -leave all white pine, if present  
 -leave 3-10% in area retention (already excluded, see site conditions layer)  
 -include grouse timber sale specification, suggest mark to leave

Next Step Monitoring, Natural Regen (Re-Inventory)  
Treatments:

Acceptable Regen: -aspen, oak, pine, and maple of medium to high stocking

Other Comment:

Site Condition

Proposed Start Date: 10/1 /2024

<b>82</b>	<b>54001082-Cut</b>	6.5	4125 - Black, N. Pin Oak	Sawtimber Medium	97	51-80	Harvest	Clearcut	4199 - Other Mixed Upland Deciduous	Even-Aged	No
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Prescription -clearcut  
Specs: -leave all white pine, if present  
 -area retention already excluded (see site conditions layer)  
 -no feller bunchers or tree-length skidding with crowns attached to protect existing advanced oak regeneration  
 -operations must try to avoid damaging all advanced regeneration as much as possible

Next Step Monitoring, Natural Regen (Re-Inventory)  
Treatments:

Acceptable Regen: -aspen, oak, pine, cherry, and maple of low to high stocking  
 -also accept an oak cover type objective

Other Comment:

Site Condition

Proposed Start Date: 10/1 /2024

<b>86</b>	<b>54001086-NF</b>	8.5	310 - Herbaceous Openland	Nonstocked		Unspec ified	NonForestMgt	Herbaceous/Crop /Grass Planting	310 - Herbaceous Openland		No
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Prescription Opening may be maintained on an ongoing rotational basis to produce wildlife forage through burning, mowing, planting, herbicide, or other agriculture practices.  
Specs:

Next Step  
Treatments:

Acceptable Regen:

Other Comment:

Site Condition

Proposed Start Date: 10/1 /2024





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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
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<b>94</b>	<b>54001094-Other</b>	20.1	4139 - Aspen, Mixed Deciduous	Sapling Medium	4	Immature	Other	Other	4139 - Aspen, Mixed Deciduous	Even-Aged	No
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Prescription Variance during compartment review to approve current aspen cover type. Do not initiate planting to red pine. Add aspen and cherry as acceptable species. Also, approve mixed upland deciduous cover type objective, if more oak and red maple get past browse in the future.

Next Step  
Treatments:

Acceptable Regen: oak, rm, aspen, cherry, and pine of medium to high stocking

Other Comment:

Site Condition

Proposed Start Date: 10/1 /2024

<b>98</b>	<b>54001098-Cut</b>	23.2	4125 - Black, N. Pin Oak	Sawtimber Well	97	81-110	Harvest	Clearcut with Retention	4131 - Aspen, Oak	Even-Aged	No
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Prescription -clearcut  
Specs:  
-leave all white pine, if present  
-leave 3-10% in area retention (already excluded, see site conditions layer)  
-protect ORV trail in timber sale specifications  
-no feller bunchers or tree-length skidding with crowns attached to protect existing advanced oak regeneration  
-operations must try to avoid damaging all advanced regeneration as much as possible

Next Step Monitoring, Natural Regen (Re-Inventory)  
Treatments:

Acceptable Regen: -aspen, oak, pine, cherry, and maple of medium to high stocking  
-also accept oak and upland mixed deciduous cover type objectives

Other Comment:

Site Condition

Proposed Start Date: 10/1 /2024

<b>103</b>	<b>54001103-Cut</b>	18.7	4125 - Black, N. Pin Oak	Sawtimber Medium	107	51-80	Harvest	Clearcut with Retention	4191 - Mixed Upland Deciduous with Conifer	Even-Aged	No
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Prescription -clearcut  
Specs:  
-leave all white pine, only a trace present  
-leave 3-10% in area retention (already excluded, see site conditions layer)  
-no feller bunchers or tree-length skidding with crowns attached to protect existing advanced oak regeneration  
-operations must try to avoid damaging all advanced regeneration as much as possible

Next Step Monitoring, Natural Regen (Re-Inventory)  
Treatments:

Acceptable Regen: -aspen, oak, pine, cherry, and maple of low to high stocking  
-also accept oak and aspen cover type objectives

Other Comment:

Site Condition

Proposed Start Date: 10/1 /2024





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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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113	54001113-NF	3.0	3104 - Degraded	Nonstocked		Unspec ified	NonForestMgt	Herbaceous/Crop /Grass Planting	310 - Herbaceous Openland	No
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Prescription Specs: Opening may be maintained on an ongoing rotational basis to produce wildlife forage through burning, mowing, planting, herbicide, or other agriculture practices.

Next Step Treatments:

Acceptable Regen:

Other Comment:

Site Condition

Proposed Start Date: 10/1 /2024

115	54001115- Other	10.9	4199 - Other Mixed Upland Deciduous	Sapling Medium	4	1-50	Other	Other	4199 - Other Mixed Upland Deciduous	Even-Aged	No
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Prescription Specs: Variance during compartment review to approve current other mixed upland deciduous cover type. Do not initiate planting to red pine. Add aspen and cherry as acceptable species.

Next Step Treatments:

Acceptable Regen: -oak, rm, aspen, cherry, and pine of medium to high stocking

Other Comment:

Site Condition

Proposed Start Date: 10/1 /2024

118	54001118-NF	4.2	3104 - Degraded	Nonstocked		Unspec ified	NonForestMgt	Herbaceous/Crop /Grass Planting	310 - Herbaceous Openland	No
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Prescription Specs: Opening may be maintained on an ongoing rotational basis to produce wildlife forage through burning, mowing, planting, herbicide, or other agriculture practices.

Next Step Treatments:

Acceptable Regen:

Other Comment:

Site Condition

Proposed Start Date: 10/1 /2024





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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
<b>126 54001126-Other</b>	15.1	4199 - Other Mixed Upland Deciduous	Sapling Poor	4	Immature	Other	Other	4199 - Other Mixed Upland Deciduous	Even-Aged	No
<p><u>Prescription</u> -variance during compartment review to accept low regeneration stocking and other mixed upland deciduous cover type due to extreme</p> <p><u>Specs:</u> browse and poor oak stump sprout regeneration</p> <p><u>Next Step</u></p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> -regen survey in 3-5 yrs -acceptable regeneration is rm, oak, aspen, cherry, and pine of low to high stocking</p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2024</p>										
<b>159 54001159-Cut</b>	3.1	4311 - Pine, Aspen Mix	Poletimber Poor	84	1-50	Harvest	Clearcut	4191 - Mixed Upland Deciduous with Conifer	Even-Aged	No
<p><u>Prescription</u> -clearcut</p> <p><u>Specs:</u> -leave all white pine, if present -no area retention necessary due to small treatment size -protect ORV trail in timber sale specifications -no tree-length skidding with crowns attached to protect existing advanced oak regeneration -operations must try to avoid damaging all advanced regeneration as much as possible</p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> -aspen, oak, pine, cherry, and maple of medium to high stocking</p> <p><u>Regen:</u> -also accept oak and aspen cover type objectives</p> <p><u>Other</u> -recommend preparing and cruising treatment during leaf-off due to high subcanopy coverage of shrubs and/or advanced regeneration</p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2024</p>										
<b>91 54002091-Cut</b>	10.7	42110 - Planted Red Pine	Sawtimber Well	69	141-170	Harvest	Crown Thinning	4211 - Planted Red Pine	Even-Aged	No
<p><u>Prescription</u> -mark-to-cut stand leaving 120 residual BA</p> <p><u>Specs:</u> -remove suppressed trees with smaller crowns and low vigor -remove pine from above that are utility pole size to release smaller diameter trees of good form and crown vigor when possible</p> <p><u>Next Step</u></p> <p><u>Treatments:</u></p> <p><u>Acceptable</u></p> <p><u>Regen:</u></p> <p><u>Other</u> -include this with compartment 1 stand 63 red pine thinning</p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2024</p>										

**Approved Treatments:**

<b>37 54001037-Monitor</b>	4.9	3301 - Low Density Deciduous Trees	Nonstocked	0	Unspecified	Monitoring	Natural Regen (Intermediate)	4130 - Aspen	Even-Aged	No
<p><u>Prescription</u> -survey regeneration per Work Instructions out of inventory year due to late harvest completion date</p> <p><u>Specs:</u></p> <p><u>Next Step</u></p> <p><u>Treatments:</u></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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Acceptable Regen: -regen survey 3-5 yrs -acceptable regeneration is aspen and other mixed deciduous of medium to high stocking

Other Comment: Percent to Treat = 100%

Site Condition

Proposed Start Date: 10/1 /2025

<b>45</b>	<b>54001045-Monitor</b>	17.3	3301 - Low Density Deciduous Trees	Nonstocked	0	Unspecified	Monitoring	Natural Regen (Intermediate)	4191 - Mixed Upland Deciduous with Conifer	Even-Aged	No
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Prescription Specs: -survey regeneration per Work Instructions out of inventory year due to late harvest completion date

Next Step Treatments:

Acceptable Regen: -regen survey in 3-5 yrs -acceptable regeneration is rm, aspen, jp, and oak of medium to high stocking

Other Comment: Percent to Treat = 100%

Site Condition

Proposed Start Date: 10/1 /2025

<b>61</b>	<b>54001061-Monitor</b>	32.4	3301 - Low Density Deciduous Trees	Nonstocked	0	Unspecified	Monitoring	Natural Regen (Intermediate)	4319 - Mixed Upland Forest	Even-Aged	No
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Prescription Specs: -survey regeneration per Work Instructions during inventory

Next Step Treatments:

Acceptable Regen: Accept the natural regeneration at time of survey. Acceptable regeneration is any mix of native deciduous or coniferous tree species of low to high stocking.

Other Comment:

Site Condition

Proposed Start Date: 10/1 /2025

<b>66</b>	<b>54001066-Monitor</b>	62.3	3301 - Low Density Deciduous Trees	Nonstocked	0	Unspecified	Monitoring	Natural Regen (Intermediate)	4125 - Black, N. Pin Oak	Even-Aged	No
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Prescription Specs: -survey regeneration per Work Instructions out of inventory year due to late harvest completion date

Next Step Treatments:

Acceptable Regen: -regen survey 3-5 yrs

Other Comment: -acceptable regeneration is oak, rm, aspen and pine

Other Comment: Percent to Treat = 100%

Site Condition

Proposed Start Date: 10/1 /2025





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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
<b>74 54001074-Monitor</b>	14.9	3301 - Low Density Deciduous Trees	Nonstocked	0		Monitoring	Natural Regen (Intermediate)	413 - Aspen	Even-Aged	No
<p><u>Prescription</u> -survey regeneration per Work Instructions</p> <p><u>Specs:</u></p> <p><u>Next Step</u></p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u> -regen survey 3-5 yrs -acceptable regeneration is aspen, jp, rm, rp and oak of medium to high stocking</p> <p><u>Other Comment:</u> Percent to Treat = 100%</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2025</p>										

**Total Treatment Acreage Proposed: 563.9**



## Report 4 – Site Conditions

Atlanta Mgt. Unit  
Darrick Coy : Examiner

Compartment: 1  
Year of Entry: 2025

### Availability for Management

Total Acres	Acres Available	Acres Available With Condition	Acres Not Available
373	309	54	10

### Dominant Site Conditions

	Total Acres	Acres Available	Acres Available With Condition	Acres Not Available	Dominant Site Conditions							
					2I	5B	5C	1C	2F	3J	5E	
373	309	54	10	Aspen		6	48				0	10
66	66	0	1	Herbaceous Openland		0	0	1				
176	158	10	8	Jack Pine	4	0	6		1	5	2	
248	246	0	3	Low-Density Trees	0	0	0			0	3	
4	3	0	0	Marsh						0		
167	137	23	7	Mixed Upland Deciduous		9	13			6	1	
2	1	0	1	Natural Mixed Pines						1		
4	4	0	0	Northern Hardwood								
345	268	61	15	Oak	19	17	26		1		15	
243	243	0	0	Red Pine			0	0		0	0	
5	3	2	0	Upland Mixed Forest		2						
17	17	0	0	Upland Shrub			0				0	
25	25	0	0	Urban							0	
1,675	1,479	151	45	Total Forested Acres	22	34	94	1	1	13	30	
	88%	9%	3%	Relative Percent								

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

Site No.	Dominant Site Cond Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
1	Unavailable	5E: Long-Term Retention	0	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> stand 45 area retention							
2	Unavailable	5E: Long-Term Retention	4	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> area retention for stand 121							
3	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> area retention for stand 25							

## Report 4 – Site Conditions

Atlanta Mgt. Unit  
Darrick Coy : Examiner

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Year of Entry: 2025

4	<b>Unavailable</b>	<b>5E: Long-Term Retention</b>	2	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> area retention for stand 98							
5	<b>Available</b>	<b>5B: Maintain for regeneration purposes</b>	2	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> -orv trail bisects stand-area of significant mast production and importance to wildlife in general-open development of the stand has created scattered mast oak with significant oak regeneration under oaks and within gaps-also significant variability in structure and heights within shrubs and saplings-important stand to turkey, squirrels, and recreation-imagery texture and walkthrough verifies stand as primarily containing mast trees							
6	<b>Available</b>	<b>5B: Maintain for regeneration purposes</b>	0	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
7	<b>Unavailable</b>	<b>5E: Long-Term Retention</b>	1	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> area retention for stand 2							
8	<b>Available</b>	<b>5B: Maintain for regeneration purposes</b>	11	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> -significant variability in structure and heights within shrubs and saplings-imagery texture and walkthrough verifies stand as primarily containing mast trees-significant dmg to developing regen would occur from harvesting							
9	<b>Available</b>	<b>5C: Delay treatment for age/size class diversity or exceptional site quality</b>	25	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							



## Report 4 – Site Conditions

Atlanta Mgt. Unit  
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Compartment: 1  
Year of Entry: 2025

10	<b>Available</b>	<b>5B: Maintain for regeneration purposes</b>	6	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
11	<b>Available</b>	<b>5B: Maintain for regeneration purposes</b>	6	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
12	<b>Unavailable</b>	<b>5E: Long-Term Retention</b>	2	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> area retention for stand 10							
13	<b>Unavailable</b>	<b>5E: Long-Term Retention</b>	1	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> area retention for stand 103							
14	<b>Available</b>	<b>5B: Maintain for regeneration purposes</b>	2	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
15	<b>Unavailable</b>	<b>5E: Long-Term Retention</b>	2	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> area retention for stand 22							
16	<b>Available</b>	<b>5B: Maintain for regeneration purposes</b>	3	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							

## Report 4 – Site Conditions

Atlanta Mgt. Unit  
Darrick Coy : Examiner

Compartment: 1  
Year of Entry: 2025

17	<b>Unavailable</b>	<b>3J: Water quality / BMPs (stream, river, or lake)</b>	5	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
18	<b>Available</b>	<b>5C: Delay treatment for age/size class diversity or exceptional site quality</b>	11	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
19	<b>Unavailable</b>	<b>5E: Long-Term Retention</b>	2	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> area retention for stand 61							
20	<b>Unavailable</b>	<b>5E: Long-Term Retention</b>	1	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> -area retention for stand 128							
21	<b>Unavailable</b>	<b>5E: Long-Term Retention</b>	1	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> -area retention for stand 126							
22	<b>Unavailable</b>	<b>5E: Long-Term Retention</b>	1	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> -area retention for stand 105 -added area retention due to treatment acreage increase going over 10 acres							
23	<b>Unavailable</b>	<b>5E: Long-Term Retention</b>	4	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> -area retention for stand 66							



## Report 4 – Site Conditions

Atlanta Mgt. Unit  
Darrick Coy : Examiner

Compartment: 1  
Year of Entry: 2025

24	<b>Unavailable</b>	<b>5E: Long-Term Retention</b>	1	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> -area retention for stand 115							
25	<b>Unavailable</b>	<b>5E: Long-Term Retention</b>	2	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> -area retention for stand 94							
26	<b>Unavailable</b>	<b>5E: Long-Term Retention</b>	1	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> -area retention for stand 46							
27	<b>Unavailable</b>	<b>5E: Long-Term Retention</b>	1	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> -area retention for stand 74							
28	<b>Unavailable</b>	<b>5E: Long-Term Retention</b>	1	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> area retention for stand 45							
29	<b>Available</b>	<b>5B: Maintain for regeneration purposes</b>	3	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> -orv trail bisects stand-area of significant mast production and importance to wildlife in general-open development of the stand has created scattered mast oak with significant oak regeneration under oaks and within gaps-also significant variability in structure and heights within shrubs and saplings-important stand to turkey, squirrels, and recreation-imagery texture and walkthrough verifies stand as primarily containing mast trees							
30	<b>Unavailable</b>	<b>5E: Long-Term Retention</b>	1	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> area retention for stand 37							

## Report 4 – Site Conditions

Atlanta Mgt. Unit  
Darrick Coy : Examiner

Compartment: 1  
Year of Entry: 2025

31	<b>Unavailable</b>	<b>2F: Too steep</b>	1	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
32	<b>Available</b>	<b>5C: Delay treatment for age/size class diversity or exceptional site quality</b>	3	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
33	<b>Unavailable</b>	<b>5E: Long-Term Retention</b>	0	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> -area retention for stand 74							
34	<b>Unavailable</b>	<b>3J: Water quality / BMPs (stream, river, or lake)</b>	4	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
35	<b>Unavailable</b>	<b>3J: Water quality / BMPs (stream, river, or lake)</b>	4	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
36	<b>Available</b>	<b>5B: Maintain for regeneration purposes</b>	2	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							



## Report 4 – Site Conditions

Atlanta Mgt. Unit  
Darrick Coy : Examiner

Compartment: 1  
Year of Entry: 2025

37	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	48	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
38	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	3	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
39	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	4	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
40	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> area retention for stand 82							
41	Available	2I: Survey needed	19	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
42	Unavailable	1C: Other dept or div proc/practices	1	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							

**Report 4 – Site Conditions**

**Atlanta Mgt. Unit**  
**Darrick Coy : Examiner**

**Compartment: 1**  
**Year of Entry: 2025**

43	<b>Available</b>	<b>2I: Survey needed</b>	4	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
44	<b>Unavailable</b>	<b>5E: Long-Term Retention</b>	2	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> area retention for stand 71							





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

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

SCA Name	SCA Category	Detail Type	Recommendation	Acres
<b>Buttles Road Pathway</b>	Concentrated Recreation Area	Trail Head	SCA	1
<b>Comments</b> driveway and parking included				

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	3303 - Mixed Low Density Trees	Nonstocked	48.1		Immature	Managed Opening	-W54-1084- burned in spring 2017 -bearberry and reindeer moss common -mostly consists of upland shrub and scattered poor quality oak, bushy jp (north half only) and aspen -being heavily used by songbirds -north half of stand was clearcut fall/winter of 08 54-005-08-01 Jack Andergood II. -overall stand is upland shrub with juneberry, cherry, hawthorn, raspberry, -pvcd																																																	
2	4125 - Black, N. Pin Oak	Sawtimber Medium	21.9	94	51-80	N/A	-poor quality, losing vigor, some dead oak from age and poor site- hard to walk through, brushy																																																	
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3	4125 - Black, N. Pin Oak	Poletimber Poor	21.7	35	1-50	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 -poor quality oak -area was previously under burned in spring 2017 -W54-1084- burned in spring 2017																																																	
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4	4125 - Black, N. Pin Oak	Sapling Medium	5.7	38	1-50	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 -canopy more open along road and rp stand to east -7/20/84 (cde- jp 77, oak 1, aspen 1)																																																	
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5	42120 - Planted Jack Pine	Sapling Well	1.4	26	1-50	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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8	310 - Herbaceous Openland	Nonstocked	1.2		Unspecified		-stand not visited during YOE 2025 field inventory, original field survey done fall-winter 2012-13																																																
9	42221 - Natural Jack Pine, Mixed Deciduous	Poletimber Well	9.9	63	51-80	N/A	-small stand with a fair amount of oak coming in under aspen, mainly to SE portion of stand																																																
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10	4125 - Black, N. Pin Oak	Sawtimber Well	27.7	92	51-80	N/A	-serviceberry is fairly well distributed throughout stand -adv. oak around 40-50% coverage -ba is around 60-80																																																
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11	122 - Road/Parking Lot	Nonstocked	2.7		Unspecified	No																																																	
12	4132 - Aspen, Jack Pine	Poletimber Medium	3.7	38	1-50	N/A	-canopy more open along road and rp stand to east -7/20/84 (cde- jp 77, oak 1, aspen 1)																																																
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<b>15</b>	42110 - Planted Red Pine	Sawtimber Well	15.1	62	111-140	N/A	-1960 planting record off card -residual BA was 183 on 9-8-15 and 137 on 11/29/22 -3rd row thin completed -1-17/17 -10 BAF point swings-13, 13, 15, 14, 13, 14, 14= 137 -growth rate is 2.5 BA/yr according to measurements from 2015-2022																																				
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<b>16</b>	42220 - Natural Jack Pine	Poletimber Medium	1.3	54	51-80	N/A																																					
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<b>17</b>	3302 - Low Density Conifer Trees	Nonstocked	2.3		Unspecified	No	-stand not visited during YOE 2025 field inventory, original field survey done fall-winter 2012-13																																				
<b>18</b>	320 - Upland Shrub	Nonstocked	1.9		Unspecified	No	-stand not visited during YOE 2025 field inventory, original field survey done fall-winter 2012-13 -rather small shrub pocket that is difficult to manage																																				
<b>19</b>	42221 - Natural Jack Pine, Mixed Deciduous	Poletimber Medium	7.3	68	51-80	N/A	-semi-open stand with upland shrub inclusion																																				
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<b>20</b>	3104 - Degraded	Nonstocked	1.0		Unspecified		-high spotted knapweed																																				
<b>21</b>	310 - Herbaceous Openland	Nonstocked	1.6		Unspecified																																						





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<b>23</b>	3301 - Low Density Deciduous Trees	Nonstocked	1.4		Unspecified	No	-stand not visited during YOE 2025 field inventory, original field survey done fall-winter 2012-13																																																		
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<b>25</b>	4125 - Black, N. Pin Oak	Sawtimber Medium	22.4	97	51-80	N/A	-orv trail run n-s through stand-some decline and dead oak, aspen, and jp due to age and poor site																																																		
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<b>26</b>	42110 - Planted Red Pine	Sawtimber Well	20.6	62	141-170	N/A	-1960 planting record off card -53ft, 49ft, 52ft- average site, maintain as rp -3rd row thin cruise BA was 204 in 2015 or 136 BA with third row thin -3rd row thin completed -1-17/17 -10 BAF point swings- 16, 13, 14, 16, 13, 19, 14, 16, 15, 18, 13, 16, 15, 15, 14, 21, 19, 16= ave 157 -growth rate is 3 BA/yr according to measurements from 2015-2022																																																		
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<b>27</b>	42110 - Planted Red Pine	Poletimber Well	27.9	38	171-200	N/A	-1984 planting record off card -machine planted to RP completed 05/84 6x10 spacing -30% live crown, -12/2/2022 10 BAF point samples-16, 17, 19, 17, 15, 20, 20, 17, 20, 20, 20, 17, 20= 183 or 122 BA post 3rd row thin																																																		
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<b>28</b>	4125 - Black, N. Pin Oak	Sawtimber Poor	15.3	107	1-50	N/A	-oak saplings are developing well under residual log oak, minimal frost damage-significantly cut through in the past																																																	
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<b>29</b>	42110 - Planted Red Pine	Sawtimber Well	16.7	62	81-110	N/A	-1960 planting record off card -residual BA was 135 on 9-8-15 and 105 on 11/29/22 -3rd row thin completed -1-17/17 -BA is variable, much higher to NE where rows are consistently stocked -growth rate is likely 2.5-3 BA/yr according to measurements from 2015-2022																																																	
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<b>31</b>	4311 - Pine, Aspen Mix	Poletimber Medium	2.2	78	1-50	N/A	-30% jp losses from porcupine-poor quality and small diameter aspen, 2-4 sticks-full adv oak coverage under aspen and jack pine-low ba, hard to walk through																																																	
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<b>32</b>	4131 - Aspen, Oak	Poletimber Well	10.5	38	51-80	N/A	-1/6/86 (cds- aspen 191, mo 144, & jp 266)																																																	
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Bigtooth Aspen	15	Log/Pole	12		Red Oak	Low	Variable	Sapling																																																														
<b>37</b>	3301 - Low Density Deciduous Trees	Nonstocked	5.2	0	Unspecified	4130 - Aspen	south half- aspen beginning to decline, 3 stick ave trees and crowns are in poor shape  north half- rotten aspen that are 65 and still saps sale name- Ellsworth Hawthorn Mix purchaser- Precision preparer- D. Coy administrator- Coy unit- 1 completion- 8/22/22																																																															
<b>38</b>	3104 - Degraded	Nonstocked	1.2		Unspecified																																																																	
<b>39</b>	3303 - Mixed Low Density Trees	Nonstocked	1.9		Unspecified	No	-stand not visited during YOE 2025 field inventory, original field survey done fall-winter 2012-13																																																															
<b>40</b>	3104 - Degraded	Nonstocked	1.1			No	-medium spotted knapweed																																																															
<b>41</b>	3205 - Mixed Upland Shrub	Nonstocked	1.8		Unspecified	No	-stand not visited during YOE 2025 field inventory, original field survey done fall-winter 2012-13																																																															
<b>42</b>	4131 - Aspen, Oak	Sapling Well	6.2	25	1-50	N/A	-edge surveyed on 11/29/22, original field survey done fall-winter 2012-2013, increased existing species diameters by 1 inch																																																															
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<b>43</b>	4131 - Aspen, Oak	Sapling Well	1.9	18	1-50	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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<b>44</b>	42220 - Natural Jack Pine	Poletimber Medium	7.8	69	51-80	N/A	-somewhat open stand of poor quality aspen and jp-remnant rows to sw- some occasional porcupine dmg																																												
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<b>45</b>	3301 - Low Density Deciduous Trees	Nonstocked	19.3	0	Unspecified	4191 - Mixed Upland Deciduous with Conifer	-aspen are not doing well in this stand 3 stick ave with early mortality sale name- Ellsworth Hawthorn Mix purchaser- Precision preparer- D. Coy administrator- Coy unit- 1 completion- 8/22/22																																												
<b>46</b>	4139 - Aspen, Mixed Deciduous	Sapling Medium	9.3	4	Immature	N/A	-parvha -3-4 stick aspen and jp -clearcut complete- 1/2/20 -conducted walkthrough regen survey on 11/28/22 -50% qa, 20% cherry, 10% rm, 10 npo, 10% jp -variance during compartment review to approve current aspen, mixed deciduous cover type.																																												
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<b>47</b>	4130 - Aspen	Poletimber Poor	5.8	74	1-50	N/A	-north 2/3rd of stand very poor quality aspen w i7 th high adv oak coverage - overall ba is under 50 -high adv oak of good form converting into canopy																																												
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49	42220 - Natural Jack Pine	Poletimber Well	1.0	64	51-80	N/A	-no budworm dmg or decline showing yet-at least 50% adv oak in sub																																																														
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51	3205 - Mixed Upland Shrub	Nonstocked	6.8		Unspecified	No	-stand not visited during YOE 2025 field inventory, original field survey done fall-winter 2012-13																																																														
52	4131 - Aspen, Oak	Poletimber Well	16.6	36	51-80	N/A	-oak only present in areas that are semi-open/less aspen -1/6/86 (cde-aspen 191, mo 144, & jp 266)																																																														
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54	310 - Herbaceous Openland	Nonstocked	3.6		Unspecified	Managed Opening	-stand not visited during YOE 2025 field inventory, original field survey done fall-winter 2012-13																																																														
55	4125 - Black, N. Pin Oak	Sapling Medium	63.2	19	1-50	N/A	-edge surveyed on 11/29/22, original field survey done fall-winter 2012-13, increased existing species diameters by 1 inch-see compartment folder for excel sheet on individual pocket conditions-age was based off an average for 2 partial harvests-oak made it through drought and heavy frost damage within the same year and are still doing ok																																																														
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56	42221 - Natural Jack Pine, Mixed Deciduous	Poletimber Poor	7.6	38	1-50	N/A	-cc completed 1/6/86, cut all trees (cde- aspen 191, mo 144, & jp 266) -semi-open stand, limby jp W54-1084- burned in spring 2017																																																														
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<b>58</b>	4199 - Other Mixed Upland Deciduous	Sapling Medium	21.1	14	1-50	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 -cut fall 2008 -cut all aspen and rm -north of road regeneration is much better and mostly aspen -nw and w of areas s of road regen is good and mostly aspen, other areas s of road are rather poor -aspen not browsed much -oak mortality/decline present and is releasing cut regeneration -oak has been heavily browsed, not many above waist height																																								
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<b>59</b>	4130 - Aspen	Sapling Well	31.6	14	1-50	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 -cut fall 2008 -well occupied sapling layer about 6ft tall -growth and vigor is good -walked through stand and is stocked																																								
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<b>60</b>	122 - Road/Parking Lot	Nonstocked	16.6		Unspecified	No																																									
<b>61</b>	3301 - Low Density Deciduous Trees	Nonstocked	33.2	0	Unspecified	4319 - Mixed Upland Forest	Variance approved on 2/16/23 as follows: Do not plant areas that were clearcut per MNFI survey recommendation. Code natural regeneration monitoring for next inventory cycle beginning 10/1/2022. Accept the natural regeneration at time of survey. Acceptable regeneration is any mix of native deciduous or coniferous tree species of low to high stocking.  -Ski and ORV trails -4-5 stick jp average -clearcut complete 1/2/20																																								





Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																						
62	4125 - Black, N. Pin Oak	Poletimber Medium	5.7	56	51-80	N/A	-semi-open stand of low quality oak																																																						
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63	42110 - Planted Red Pine	Sawtimber Well	38.5	67	141-170	N/A	-1955 planting record off card -orv & ski trl -63ft, 65ft, 58ft -3rd row thin completed 5/96 -marked thin removing 37 BA completed 7-6-17 leaving 126 BA -12/2022 10 BAF point samples- 17, 17, 12, 12, 11, 15, 13, 14, 13, 17, 15, 10, 15, 16, 18, 20, 10, 15, 16, 19, 19, 17, 18= ave 152 -growth rate is 3.5 BA/yr according to measurements from 2015-2022																																																						
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64	42121 - Planted Jack Pine, Mixed Deciduous	Poletimber Well	4.4	44	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																																																						
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65	42220 - Natural Jack Pine	Poletimber Well	2.7	56	51-80	N/A	-rows apparent towards s portion of stand -some much older/larger jp scattered throughout, some must have been left before planting, old seed-tree that failed? W54-1084- burned in spring 2017																																																						
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66	3301 - Low Density Deciduous Trees	Nonstocked	65.5	0	Unspecified	4125 - Black, N. Pin Oak	-gaps were too large in spot cuts but oak are still doing ok and not much mortality from frost and drought all in the same year sale name- Ellsworth Hawthorn Mix purchaser- Precision preparer- D. Coy administrator- Coy unit- 4 completion- 2/17/20 (N half) and 8/22/22 (S half)																																																						
67	3302 - Low Density Conifer Trees	Nonstocked	2.6		Unspecified	No	-stand not visited during YOE 2025 field inventory, original field survey done fall-winter 2012-13																																																						



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68	310 - Herbaceous Openland	Nonstocked	1.2		Unspecified		-stand not visited during YOE 2025 field inventory, original field survey done fall-winter 2012-13																																																									
69	3302 - Low Density Conifer Trees	Nonstocked	14.0		Unspecified	Managed Opening	-edge surveyed on 11/28/22, original field survey done 12/13/12 -was J6 before harvest -cc completed 1/6/86, cut all trees (cde- aspen 191, mo 144, & jp 266) W54-1084- burned in spring 2017																																																									
70	4125 - Black, N. Pin Oak	Sawtimber Medium	6.0	97	1-50	N/A																																																										
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71	4130 - Aspen	Poletimber Well	32.0	56	81-110	N/A	-significant internal decay/conks in/on aspen																																																									
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73	122 - Road/Parking Lot	Nonstocked	5.8		Unspecified	No	-stand not visited during YOE 2025 field inventory, original field survey done fall-winter 2012-13																																																									
74	3301 - Low Density Deciduous Trees	Nonstocked	15.7	0		4130 - Aspen	-edge surveyed on 11/28/22, original field survey done 12/13/12-too short to be considered forestedsale name- Ellsworth Hawthorn Mixpurchaser- Precision Forestry-preparer- D. Coy-administrator-D. Coyunit- 5cut- 5/23/22																																																									
75	310 - Herbaceous Openland	Nonstocked	1.0		Unspecified		-stand not visited during YOE 2025 field inventory, original field survey done fall-winter 2012-13																																																									



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<b>76</b>	4131 - Aspen, Oak	Poletimber Medium	66.1	44	1-50	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 -about 1/3rd of canopy is shrub and have variable heights due to irregular/low oak/aspen stocking -1/5 of aspen already dead -will be semi open																																		
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<b>80</b>	4199 - Other Mixed Upland Deciduous	Poletimber Poor	28.1	44	1-50	N/A	-edge surveyed on 11/30/22, original field survey done fall-winter 2012-13, increased existing species diameters by 1 inch -poorly stocked and low quality timber, borderline non-forested																																		
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<b>81</b>	4131 - Aspen, Oak	Sapling Medium	2.3	14	1-50	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 acre spot cut done 2009 -not quite an oak stand -will be open non-forest pockets within stand -1/4 corner located north and a little east of cabin, driveway crosses state																																		
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<b>82</b>	4125 - Black, N. Pin Oak	Sawtimber Medium	7.2	97	51-80	N/A																																			
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<b>83</b>	4131 - Aspen, Oak	Poletimber Well	9.4	46	1-50	N/A	- 11/15/76 (cds- 670 jp, 295 b. oak, 70 aspen) -very poor aspen growth -oak doing ok, definitely better than aspen																																												
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<b>84</b>	4131 - Aspen, Oak	Sapling Well	11.6	24	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 -2/17/98 (cds- jp 60, mo 56, bta 30)																																												
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<b>85</b>	330 - Low-Density Trees	Nonstocked	1.0		Unspecified	No	-edge surveyed on 11/28/22, original field survey done 6/13/2013 -OLD BORROW PIT. Aspen moving in. Less than an acre in size.																																												
<b>86</b>	310 - Herbaceous Openland	Nonstocked	8.5		Unspecified	Managed Opening	-edge surveyed on 11/28/22																																												
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<b>88</b>	42221 - Natural Jack Pine, Mixed Deciduous	Poletimber Well	30.4	46	51-80	N/A	-removed jp, aspen, and oak (cds- 670 jp, 295 oak, 70 aspen) -completed 11/15/76																																												
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<b>93</b>	310 - Herbaceous Openland	Nonstocked	1.1		Unspecified		-stand not visited during YOE 2025 field inventory, original field survey done fall-winter 2012-13																																															
<b>94</b>	4139 - Aspen, Mixed Deciduous	Sapling Medium	20.1	4	Immature	N/A	-clearcut completion- 10/17/19 -conducted walkthrough regen survey on 11/28/22 -35% cherry, 40% bta, 10% red maple, 9% northern pin oak, 3% wp -high browse on red maple and oak -many oak and red maple under 6ft, about 60% forested cover -may grow into more of a mixed deciduous with higher coverage condition if or once more red maple and oak make it past browse -variance during compartment review using other other treatment to approve current aspen cover type. Do not initiate planting to red pine. Also approve mixed upland deciduous cover type objective, if more oak and red maple get past browse in the future.																																															
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<b>95</b>	3302 - Low Density Conifer Trees	Nonstocked	4.0		Unspecified	No	-stand not visited during YOE 2025 field inventory, original field survey done fall-winter 2012-13 -Little Pond JP Block (multiple stands included- pre-inventory 102, 96, 99, 108, 129, 138, and SE portion of 117)- 98 total acres -cut all jp, aspen, and black oak (cds- 670 jp, 295 b. oak, 70 aspen) -completed 11/15/76																																															
<b>96</b>	310 - Herbaceous Openland	Nonstocked	1.2		Unspecified	Managed Opening	-stand not visited during YOE 2025 field inventory, original field survey done fall-winter 2012-13 -moderate-high spotted knapweed coverage																																															
<b>97</b>	4131 - Aspen, Oak	Sapling Medium	8.3	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 NW- 60% aspen, 10% rm, 30% oak NE- 40% aspen, 20% rm, 40% oak 4/22/97 (cds- mo 48, qa 3, rp 2, jp 2)																																															
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<b>98</b>	4125 - Black, N. Pin Oak	Sawtimber Well	25.6	97	81-110	N/A	-well established red maple subcanopy-more of a hybrid n. pin oak/red oak stand																																															
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100	42221 - Natural Jack Pine, Mixed Deciduous	Poletimber Poor	4.7	40	1-50	N/A	-stand not visited during YOE 2025 field inventory, original field survey done fall-winter 2012-13 -small pond that is mostly dried up -majority of area is upland																																																															
101	4131 - Aspen, Oak	Sapling Well	3.9	14	1-50	N/A	-edge surveyed on 11/30/22, original field survey done fall-winter 2012-13, increased existing species diameters by 1 inch -2 acre spot cut done in 2009 -ne- aspen 85%, oak 10%, 75-100% coverage, stocked -sw- aspen 40%, oak 50%, 50-75% coverage, stocked																																																															
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103	4125 - Black, N. Pin Oak	Sawtimber Medium	20.4	107	51-80	N/A	-stand not visited during YOE 2025 field inventory, original field survey done fall-winter 2012-13																																																															
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104	42290 - Natural Mixed Pine	Sawtimber Medium	1.7	86	81-110	N/A	-stand not visited during YOE 2025 field inventory, original field survey done fall-winter 2012-13 -some old growth rp present -difficult terrain																																																															
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<b>105</b>	4130 - Aspen	Sapling Medium	8.3	4	1-50	N/A	-clearcut completion- 10/30/19 -conducted walkthrough regen survey on 11/28/22 -high browse on red maple and oak -about 60% forested cover, oak and red maple coverage may increase if it ever grows over browse height -dominated by aspen, significantly less aspen on east and west sides -cover type and stocking objectives were achieved, no variance necessary		
	<b>Canopy Species</b>	<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>
	Bigtooth Aspen	60	Sapling	1	4	Serviceberry (Juneberry)	Low	< 5 feet	Sapling
	Black Cherry	24	Sapling	1					
	Jack Pine	5	Sapling	1					
	Jack Pine	3	Log	12					
	Northern Pin Oak	1	Log	12					
	White Pine	2	Log	12					
	Northern Pin Oak	5	Sapling	1					
<b>106</b>	6239 - Mixed Emergent Wetland	Nonstocked	1.0		Unspecified	No	-pond, mostly dried up		
<b>107</b>	4130 - Aspen	Sapling Well	22.7	36	1-50	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 -1/15/86 (cds- mo 201, aspen 130, rm 4, jp 18)		
	<b>Canopy Species</b>	<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>
	Red Maple	15	Sapling/Pole	3		Oak (spp.)	Low	Variable	Sapling
	Quaking Aspen	42	Sapling/Pole	4	36	Red Maple	High	10 - 20 feet	Sapling
	Northern Pin Oak	15	Sapling/Pole	4		Black Cherry	Low	5 - 10 feet	Tall Shrub
	Red Pine	3	Log	13		Hawthorn (spp.)	Low	5 - 10 feet	Tall Shrub
	Bigtooth Aspen	25	Sapling/Pole	4		Serviceberry (Juneberry)	Low	5 - 10 feet	Tall Shrub
<b>108</b>	4191 - Mixed Upland Deciduous with Conifer	Sapling Medium	24.6	25	1-50	N/A	-edge surveyed on 11/28/22, original field survey done 5/30/13, increased existing species diameters by 1 inch -4/22/97 (cds- jp 75, mo 167, qa 33)		
	<b>Canopy Species</b>	<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>
	Jack Pine	35	Sapling	3	25	Serviceberry (Juneberry)	Medium	Variable	Tall Shrub
	Northern Pin Oak	33	Sapling	3	25	Hawthorn (spp.)	Low	Variable	Tall Shrub
	Quaking Aspen	32	Sapling	3	25	Black Cherry	Medium	Variable	Tall Shrub
<b>109</b>	320 - Upland Shrub	Nonstocked	1.0		Unspecified	No	-stand not visited during YOE 2025 field inventory, original field survey done fall-winter 2012-13		
<b>110</b>	4125 - Black, N. Pin Oak	Sapling Medium	11.5	38	1-50	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-10/04/84, (cds- mo 43 & jp 60)		
	<b>Canopy Species</b>	<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>
	Quaking Aspen	15	Pole/Sapling	6		Hawthorn (spp.)	Low	Variable	Tall Shrub
	Northern Pin Oak	68	Pole/Sapling	6	38	Serviceberry (Juneberry)	Medium	Variable	Tall Shrub
	Red Maple	10	Pole/Sapling	5		Black Cherry	Medium	Variable	Tall Shrub
	White Oak	2	Log	13					
	Jack Pine	5	Pole/Sapling	6					



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<b>111</b>	42110 - Planted Red Pine	Poletimber Well	34.9	36	141-170	N/A	-9/9/85, (cde- jp 376, m. oak 26, rp 38) -planting to RP completed 05/87 6x8 spacing -2/3rds of stand still needs more time, 45% live crown and low BAs, se 25% of stand has best consistency in stocking, worse in north 1/3rd -rows change 5 times in different portions of stand, use unit lines when prepped in yoe 2035 -natural jp evident in wet and lower elevation small drainages throughout stand -12/2022-10 BAF point swings- 17, 14, 15, 18, 8, 12, 14, 17, 16, 10, 12, 16, 12, 17, 18, 8, 18, 8, 9, 14, 11, 13, 18, 12, 14, 8, 7, 6= 129 -growth rate is 3 BA/yr according to measurements from 2015-2022																																																			
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<b>112</b>	3303 - Mixed Low Density Trees	Nonstocked	2.8		Unspecified	Managed Opening	-stand not visited during YOE 2025 field inventory, original field survey done fall-winter 2012-13																																																			
<b>113</b>	3104 - Degraded	Nonstocked	3.0		Unspecified	Managed Opening	-stand not visited during YOE 2025 field inventory, original field survey done fall-winter 2012-13 -edge surveyed on 11/28/22 -no gas well in this stand, maintained opening in the past																																																			
<b>114</b>	4125 - Black, N. Pin Oak	Sawtimber Well	3.3	99	51-80	N/A	-stand not visited during YOE 2025 field inventory, original field survey done fall-winter 2012-13																																																			
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<b>115</b>	4199 - Other Mixed Upland Deciduous	Sapling Medium	10.9	4	1-50	N/A	clearcut completion- 10/30/19 -more residual wp and advanced wp here, should help fill in any low stocked areas -mixed composition, more oak regen in south -conducted walkthrough regen survey on 11/28/22 -28% bta, 30% cherry, 5% jp, 20 npo, 6% rm, 10% wp, 5% log wp, 1% log rp -much lower browse- many oak stump sprouts survived and grew fast past browse height -about 60% forested cover -variance during compartment review using other other treatment to approve current other mixed deciduous cover type. Do not initiate planting to red pine. Oak cover type objective was not achieved. Also, add aspen and cherry as acceptable species.																																																			
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<b>116</b>	4133 - Aspen, Mixed Pine	Sawtimber Well	2.1	68	51-80	N/A	2 aged aspen, half 48 and other half is 86, averaged ages																																																						
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<b>117</b>	320 - Upland Shrub	Nonstocked	2.7		Unspecified	Managed Opening	-stand not visited during YOE 2025 field inventory, original field survey done fall-winter 2012-13 -mostly scattered oak, cherry, and young aspen																																																						
<b>118</b>	3104 - Degraded	Nonstocked	4.2		Unspecified	Managed Opening	-stand not visited during YOE 2025 field inventory, original field survey done fall-winter 2012-13 maintained in the past																																																						
<b>119</b>	4130 - Aspen	Poletimber Well	25.2	46	51-80	N/A	-11/15/76 (cds- 670 jp, 295 oak, 70 aspen) -aspen less dense to s and sw portion of stand, 3 stick -oak coming in under clones well but are mostly suppressed																																																						
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<b>120</b>	310 - Herbaceous Openland	Nonstocked	1.0		Unspecified		-stand not visited during YOE 2025 field inventory, original field survey done fall-winter 2012-13 -medium to high spotted knapweed coverage																																																						
<b>121</b>	4131 - Aspen, Oak	Poletimber Well	52.3	50	81-110	N/A	-some internal rot showing on aspen but not severe due to younger age																																																						
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<b>122</b>	4125 - Black, N. Pin Oak	Poletimber Medium	10.8	50	1-50	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 -semi open stand of rather poor quality oak -large shrubs mixed in -did not regenerate as well and contained less aspen																																																						
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124	42220 - Natural Jack Pine	Poletimber Poor	3.4	46	1-50	N/A	-Little Pond JP Block (multiple stands included- pre-inventory 102, 96, 99, 108, 129, 138, and SE portion of 117)- 98 total acres -cut all jp, aspen, and black oak (cds- 670 jp, 295 b. oak, 70 aspen) -completed 11/15/76																																																						
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126	4199 - Other Mixed Upland Deciduous	Sapling Poor	15.1	4	Immature	N/A	-well established red maple subcanopy -more of a hybrid n. pin oak/red oak stand -clearcut completion- 11/13/19 -conducted walkthrough regen survey on 11/28/22 -35% cherry, 30% bta, 20% red maple, 15% hybrid oak -high browse on red maple and oak -too many oak and red maple under 6ft to call moderate to well stocked, about 30-50% forested cover -accept a lower stocking, not at least 600 tpa, may grow into more of a mixed deciduous with higher coverage condition if or once red maple and oak make it past browse -variance during compartment review using other other treatment to approve lower stocking and other mixed upland deciduous cover type objective																																																						
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127	4116 - Mixed N. Hardwood - Aspen	Sapling Well	3.5	13	1-50	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 -NE pocket- oak converted to rm due to heavily stocked red maple subcanopy pre-harvest and browse, some scattered oak -SW pocket- mostly aspen -S pocket- non-forested, appears to have been heavier to jp before harvest was made																																																						
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128	4199 - Other Mixed Upland Deciduous	Sapling Medium	11.7	4	Immature	N/A	-extreme browse on oak stump sprouts, about half oak under 3ft beneath aspen and cherry -clearcut completion- 11/13/19 -conducted walkthrough regen survey on 11/28/22 -high browse on red maple and oak -about 50-70% forested cover -may grow into more of a mixed deciduous condition if or once red maple and oak make it past browse																																																						
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<b>129</b>	4191 - Mixed Upland Deciduous with Conifer	Poletimber Medium	17.8	37	1-50	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 -5/16/85 (cde- jp 740 & qa 30) -20-30 ba oak left -under planted May 1989 -some oak planted within sw corner -50% survival in 1990 6x8 spacing -attempted to naturally regenerate jp, was roller chopped and planted to rp -cool weather with good rain and snowfall, seedlings good quality but had dry roots																																															
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<b>130</b>	310 - Herbaceous Openland	Nonstocked	1.2		Unspecified		-stand not visited during YOE 2025 field inventory, original field survey done fall-winter 2012-13 - medium to high spotted knapweed coverage																																															
<b>131</b>	330 - Low-Density Trees	Nonstocked	2.3		Unspecified	Managed Opening	-stand not visited during YOE 2025 field inventory, original field survey done fall-winter 2012-13																																															
<b>132</b>	42111 - Planted Red Pine, Mixed Deciduous	Poletimber Medium	59.8	33	81-110	N/A	-5/16/85 (cde- jp 740, ro 107, qa 30) -planted May 1989 -50% survival in 1990 6x8 spacing -attempted to naturally regenerate jp, was roller chopped and planted to rp -cool weather with good rain and snowfall, seedlings good quality but had dry roots																																															
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<b>133</b>	4125 - Black, N. Pin Oak	Sapling Medium	6.0	13	Immature	N/A	-W54-1084- burned in spring 2017 -stand was clearcut fall/winter of 08 54-005-08-01 Jack Andergood II. -bearberry and reindeer moss common -pvcd -being heavily used by songbirds																																															
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<b>134</b>	3104 - Degraded	Nonstocked	1.2				-high spotted knapweed and grass coverage																																															
<b>135</b>	4121 - Oak, Aspen	Sawtimber Well	3.2	96	51-80	N/A	-it is likely that the adjacent stand to the west had a similar composition, however, it mostly regenerated to aspen with significantly less oak -more of red oak and n. pin oak hybrids, similar to Eastern-most oak stands as far as site quality becoming increasingly better heading from SW to NE																																															
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137	3104 - Degraded	Nonstocked	12.3		Unspecified	Managed Opening	-stand not visited during YOE 2025 field inventory, original field survey done fall-winter 2012-13, increased species canopy diameters by 1 inch -maintain and enhance with food and cover plantings (5.9ac).																																							
138	42110 - Planted Red Pine	Sawtimber Well	16.4	62	111-140	N/A	-1960 planting record off card -3rd row thin cruise BA was 139 in 2015 and 93 BA with third row thin -3rd row thin completed -1-17/17																																							
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139	42120 - Planted Jack Pine	Poletimber Well	4.0	62	51-80	N/A	-3 stick average jp																																							
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142	42121 - Planted Jack Pine, Mixed Deciduous	Sapling Well	21.0	24	1-50	N/A	-edge surveyed on 11/28/22, original field survey done in fall-winter 2012-13, increased existing species diameters by 1 inch -High and Dry 17 acres cc -trenched 1997 -planted 2-0 jack pine 1998, season was dry																																							
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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**144** 42121 - Planted Jack Pine, Mixed Deciduous Poletimber Well 51.0 45 51-80 N/A --1975 (505 cds jp, 100 cds b. oak, 12 cds aspen) -replanted

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Jack Pine	80	Pole/Sapling	7	45	Hawthorn (spp.)	Low	5 - 10 feet	Tall Shrub
Northern Pin Oak	5	Pole/Sapling	6		Serviceberry (Juneberry)	Medium	5 - 10 feet	Tall Shrub
Quaking Aspen	15	Pole/Sapling	6		Black Cherry	Medium	5 - 10 feet	Tall Shrub
					Northern Pin Oak	Low	Variable	Sapling

**145** 4191 - Mixed Upland Deciduous with Conifer Sawtimber Medium 2.9 104 1-50 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 -left for pvt buffer -small poles under log jp and oak

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Quaking Aspen	20	Pole	5		Serviceberry (Juneberry)	Medium	5 - 10 feet	Tall Shrub
Northern Pin Oak	50	Log/Pole	13	104	Northern Pin Oak	Medium	Variable	Sapling
Jack Pine	30	Pole/Log	8		Black Cherry	Medium	5 - 10 feet	Tall Shrub
					Hawthorn (spp.)	Low	5 - 10 feet	Tall Shrub

**146** 42220 - Natural Jack Pine Poletimber Well 2.2 64 51-80 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Jack Pine	100	Pole/Log	9	64	Red Maple	Low	Variable	Sapling
					Black Cherry	Medium	5 - 10 feet	Sapling
					Black/Red (Hybrid) Oak	High	Variable	Sapling

**147** 3104 - Degraded Nonstocked 1.2 Managed Opening -high spotted knappweed coverage

**148** 4199 - Other Mixed Upland Deciduous Sapling Well 5.0 25 1-50 N/A -orv trail run n-s through stand

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Jack Pine	5	Sapling	3		Hazelnut (Beaked)	Medium	5 - 10 feet	Tall Shrub
Red Maple	20	Sapling	1		Black Cherry	Medium	5 - 10 feet	Tall Shrub
Bigtooth Aspen	15	Sapling	2		Serviceberry (Juneberry)	Medium	5 - 10 feet	Tall Shrub
Northern Pin Oak	40	Sapling	2	25	Hawthorn (spp.)	Medium	5 - 10 feet	Tall Shrub
Bigtooth Aspen	5	Log	10					
Jack Pine	10	Log	11					
Northern Pin Oak	5	Log	12					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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**149** 4191 - Mixed Upland Deciduous with Conifer Sawtimber Poor 4.6 98 1-50 N/A -BA is under 50  
-full advanced regeneration coverage of oak and other deciduous species

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Bigtooth Aspen	15	Log/Pole	12		Red Maple	Low	Variable	Sapling
Northern Pin Oak	50	Log/Pole	13	98	Black Cherry	Medium	5 - 10 feet	Tall Shrub
White Oak	3	Log	13		Red Oak	Low	Variable	Sapling
Jack Pine	30	Pole/Log	9		Northern Pin Oak	High	Variable	Sapling
White Pine	2	Log/Pole	11		Serviceberry (Juneberry)	Medium	5 - 10 feet	Tall Shrub
					Hawthorn (spp.)	Low	5 - 10 feet	Tall Shrub

**150** 4132 - Aspen, Jack Pine Poletimber Well 1.3 56 51-80 N/A -left as area retention for stand 74

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Jack Pine	20	Pole/Log	9		Serviceberry (Juneberry)	Medium	5 - 10 feet	Tall Shrub
Northern Pin Oak	5	Log/Pole	12		Red Maple	Medium	Variable	Sapling
Quaking Aspen	75	Pole/Log	8	56	Beech	Low	Variable	Sapling
					Northern Pin Oak	Medium	Variable	Sapling
					Black Cherry	Low	5 - 10 feet	Tall Shrub
					Blackberry/Raspberry	Low	< 5 feet	Tall Shrub
					Hawthorn (spp.)	Low	5 - 10 feet	Tall Shrub

**151** 4125 - Black, N. Pin Oak Sawtimber Well 1.2 101 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  
-well established red maple subcanopy  
-more of a hybrid n. pin oak/red oak stand

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Northern Pin Oak	55	Log/Pole	13	101	Red Maple	High	Variable	Sapling
Red Maple	10	Pole/Log	9		Northern Pin Oak	Low	Variable	Sapling
Red Oak	30	Log/XLog/Pole	15		Serviceberry (Juneberry)	Low	5 - 10 feet	Tall Shrub
Bigtooth Aspen	5	Log/Pole	13					

**152** 4199 - Other Mixed Upland Deciduous Poletimber Well 3.2 47 1-50 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  
-cut 1976-more aspen to west

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	5	Pole/Sapling	5		Black Cherry	Medium	Variable	Tall Shrub
White Pine	3	Log	13		Hawthorn (spp.)	Low	Variable	Tall Shrub
Northern Pin Oak	58	Pole/Sap/Log	6	47	Serviceberry (Juneberry)	Medium	Variable	Tall Shrub
Red Pine	3	Log	14					
Quaking Aspen	31	Pole/Sapling	6					

**153** 3303 - Mixed Low Density Trees Nonstocked 3.6 0 Unspecified No -cc completed 1/6/86, cut all trees (cds- aspen 191, mo 144, & jp 266)  
-semi-open stand, limby jp





Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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**154** 42221 - Natural Jack Pine, Mixed Deciduous Sawtimber Well 0.8 93 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 -large aspen log clone within middle of stand

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Jack Pine	60	Log/Pole	11	93	Hawthorn (spp.)	Low	5 - 10 feet	Tall Shrub
Bigtooth Aspen	25	Log/Pole	12		Black Cherry	Medium	5 - 10 feet	Tall Shrub
Quaking Aspen	10	Log/Pole	11		Red Maple	Low	Variable	Sapling
Northern Pin Oak	5	Log/Pole	13		Serviceberry (Juneberry)	Medium	5 - 10 feet	Tall Shrub

**155** 4191 - Mixed Upland Deciduous with Conifer Sawtimber Medium 8.6 99 51-80 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Pine	5	Log/Pole	13		Hawthorn (spp.)	Low	5 - 10 feet	Tall Shrub
Jack Pine	25	Pole	7	46	White Pine	Medium	Variable	Sapling
Red Maple	10	Pole/Sapling	6		Northern Pin Oak	Medium	Variable	Sapling
Northern Pin Oak	30	Log/Pole	13	99	Red Maple	Low	Variable	Sapling
Bigtooth Aspen	25	Pole/Sapling	7	46	Black Cherry	Medium	5 - 10 feet	Tall Shrub
Red Pine	5	Log/Pole	13		Serviceberry (Juneberry)	Medium	5 - 10 feet	Tall Shrub

**156** 4125 - Black, N. Pin Oak Sawtimber Well 28.7 106 51-80 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Oak	10	Log/Pole	13		Red Maple	Low	Variable	Sapling
Quaking Aspen	10	Pole/Log	9		Black Cherry	Medium	5 - 10 feet	Tall Shrub
Northern Pin Oak	80	Log/Pole	12	106	Serviceberry (Juneberry)	Medium	5 - 10 feet	Tall Shrub
					Hawthorn (spp.)	Low	5 - 10 feet	Tall Shrub
					Northern Pin Oak	High	Variable	Sapling

**157** 4191 - Mixed Upland Deciduous with Conifer Sawtimber Medium 13.7 94 51-80 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Oak	10	Log/Pole	13		Serviceberry (Juneberry)	Medium	5 - 10 feet	Tall Shrub
Quaking Aspen	15	Pole/Log	8		Black Cherry	Medium	5 - 10 feet	Tall Shrub
Northern Pin Oak	35	Log/Pole	11	94	Northern Pin Oak	Medium	Variable	Sapling
White Pine	30	Log/XLog	16	94	Red Maple	Medium	Variable	Sapling
Red Pine	10	Log/XLog	17		Hawthorn (spp.)	Low	5 - 10 feet	Tall Shrub

**158** 42220 - Natural Jack Pine Poletimber Medium 1.5 82 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 -Ski and ORV trails -4-5 stick jp average

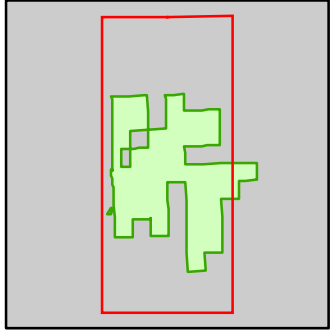
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Jack Pine	82	Pole/Log	9	82	Red Maple	Low	5 - 10 feet	Sapling
Northern Pin Oak	3	Log/Pole	11		Hawthorn (spp.)	Low	5 - 10 feet	Tall Shrub
Quaking Aspen	15	Pole/Log	8		Northern Pin Oak	Low	5 - 10 feet	Sapling
					Black Cherry	Low	5 - 10 feet	Tall Shrub
					Serviceberry (Juneberry)	Low	5 - 10 feet	Tall Shrub



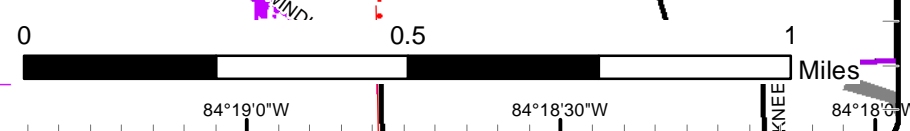
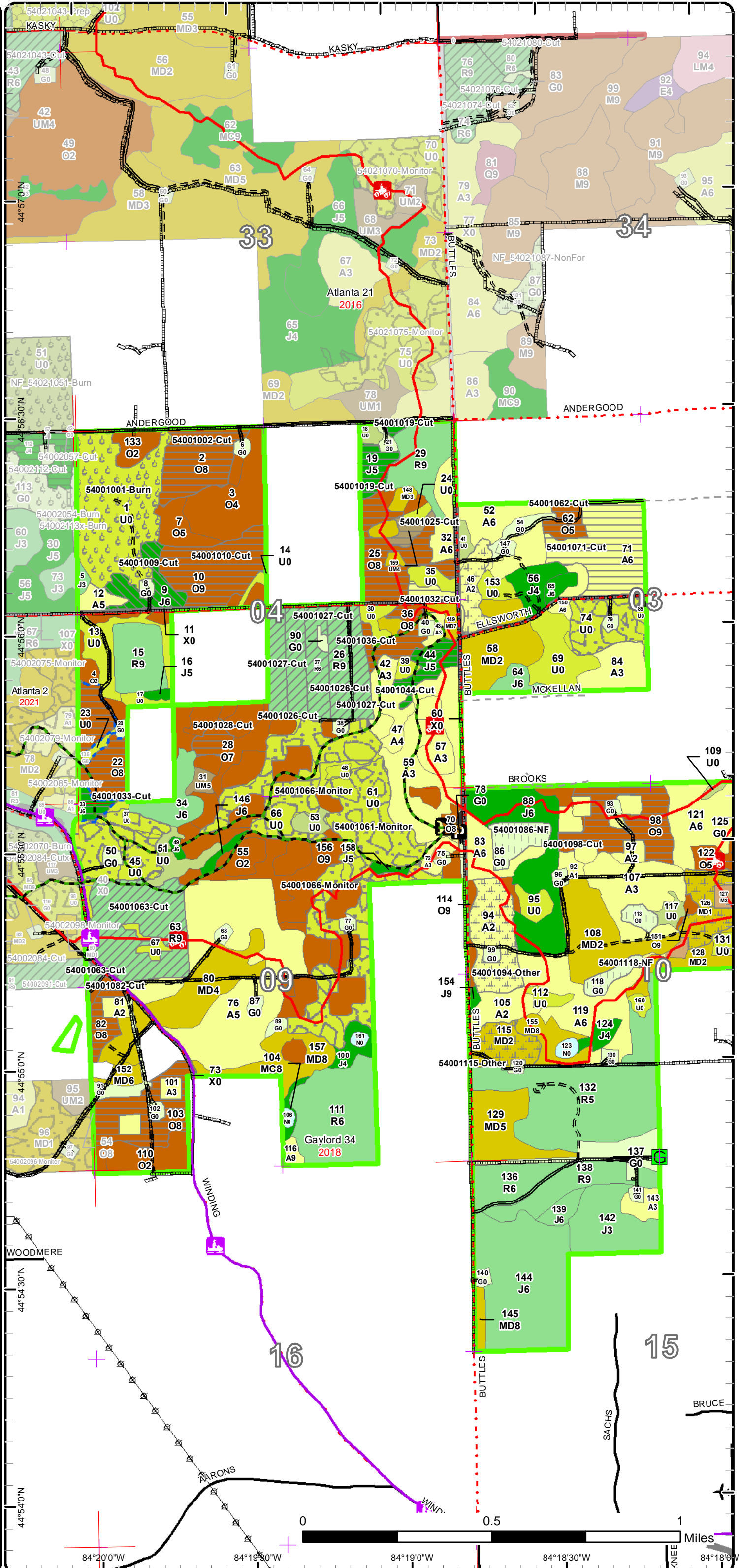
Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																													
<b>159</b>	4311 - Pine, Aspen Mix	Poletimber Poor	3.1	84	1-50	N/A	-1/3rd of overstory aspen and jack pine is dead and full advanced coverage of oak is being released																																													
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<b>160</b>	3303 - Mixed Low Density Trees	Nonstocked	1.7	0		No	-edge surveyed on 11/28/22, original field survey done in fall-winter 2012-13, increased existing species diameters by 1 inch																																													
<b>161</b>	6239 - Mixed Emergent Wetland	Nonstocked	1.0		Unspecified	No	-stand not visited during YOE 2025 field inventory, original field survey done fall-winter 2012-13 -small pond that is mostly dried up -majority of area is upland																																													

# Cover Type & Treatments Map

Compartment: 1  
 T29N, R01E, Sec. 3-4, 9-10, 15  
 County: Montmorency  
 Unit: Atlanta  
 Mgmt Area: High Sand Plains  
 YOE: 2025  
 Acres: 1685.8 GIS Calculated  
 Examiner: Darrick Coy  
 Map Revised: 6/5/2023  
 Map Phase: Pre-Review



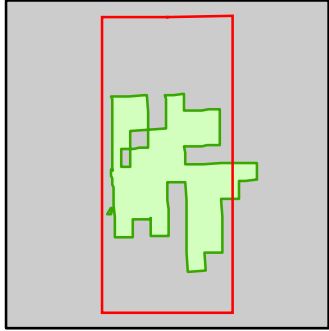
- Miris Corners
- + Remonumented Section Corners
- Counties
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State / County - Paved Road
- County - Gravel Road
- County - Dirt Road (Seasonal)
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- ★ Trailhead
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- Powerline
- A Airports
- P Parking Lot
- Compartment Boundary
- Treatments with Site Conditions
- Other Harvest - See Comments
- Other Treatment - See Comments
- Clearcut (w/Reserves)
- Prescribed Burn
- Thinning (Crown, Low, Systematic)
- Regeneration Survey
- Opening Maintenance
- 411 - Northern Hardwood
- 412 - Oak Types
- 413 - Aspen Types
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 422 - Natural Pines
- 430 - Upland Mixed Forest
- 122 - Roads/Parking Lot
- 310 - Herbaceous Openland
- 320 - Upland Shrub
- 330 - Low Density Trees
- 623 - Emergent Wetland



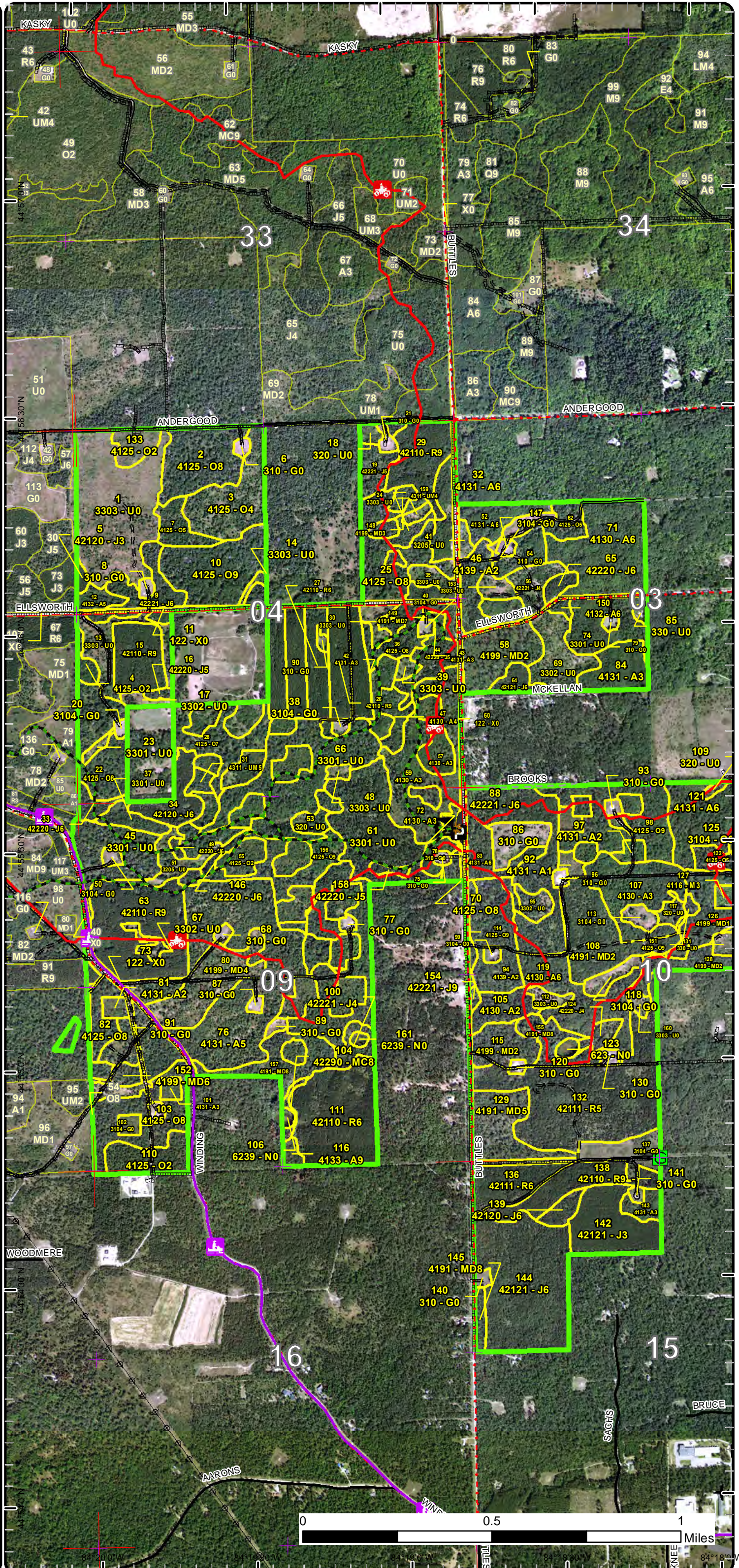


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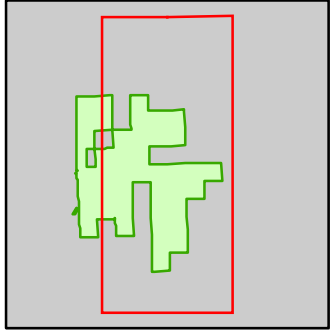
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- Unavailable
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- 5E: Long-Term Retention
- Stand Boundaries
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- Ecological Reference Areas
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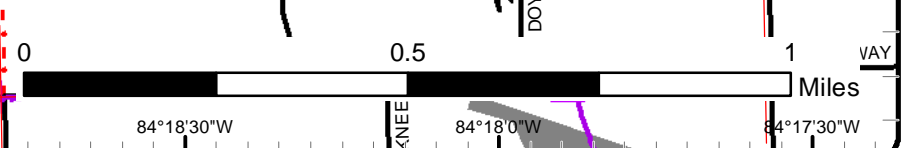
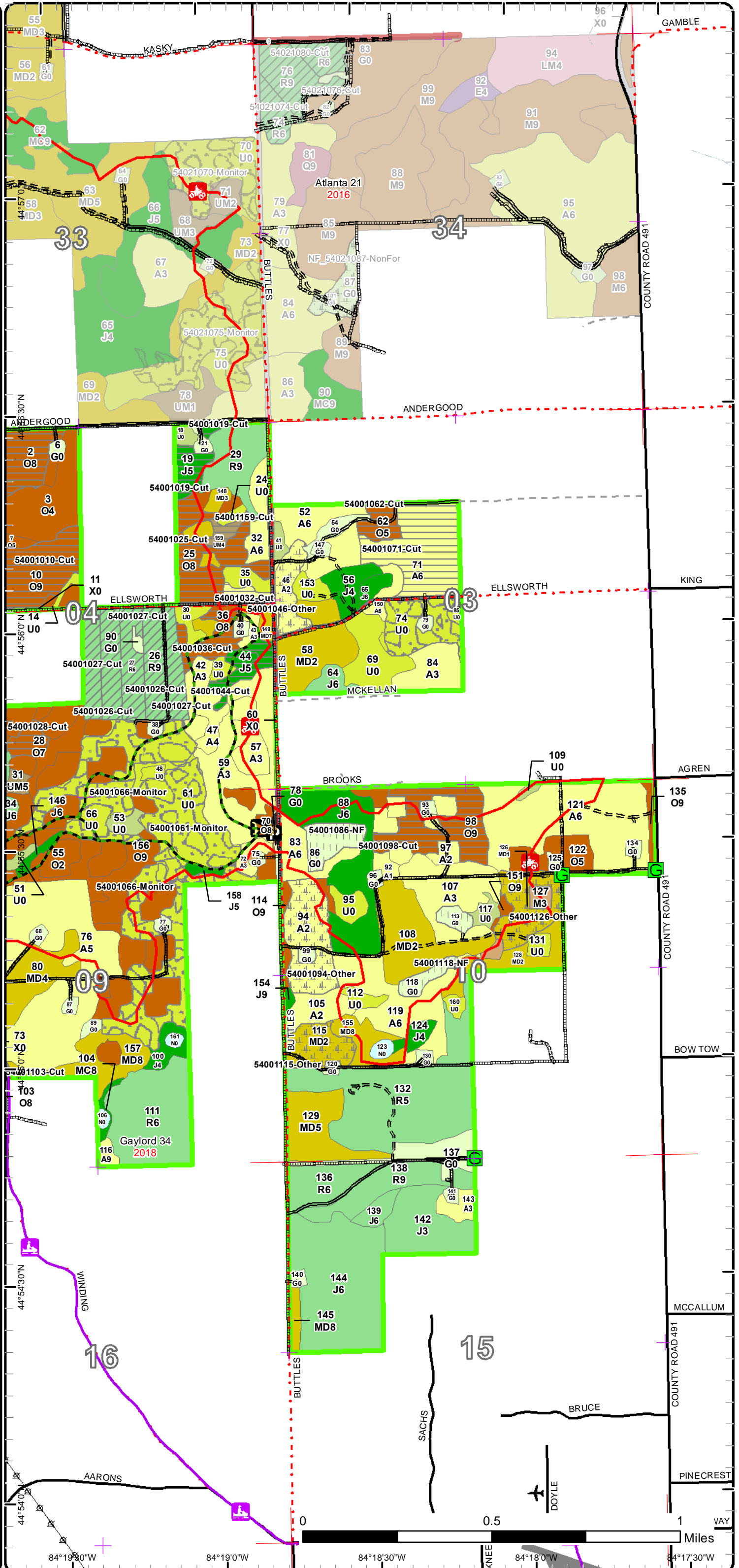


# Cover Type & Treatments Map

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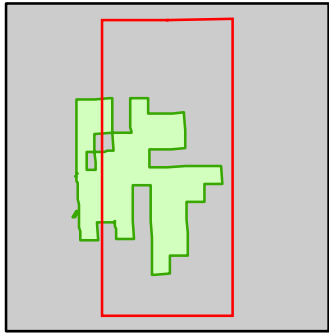
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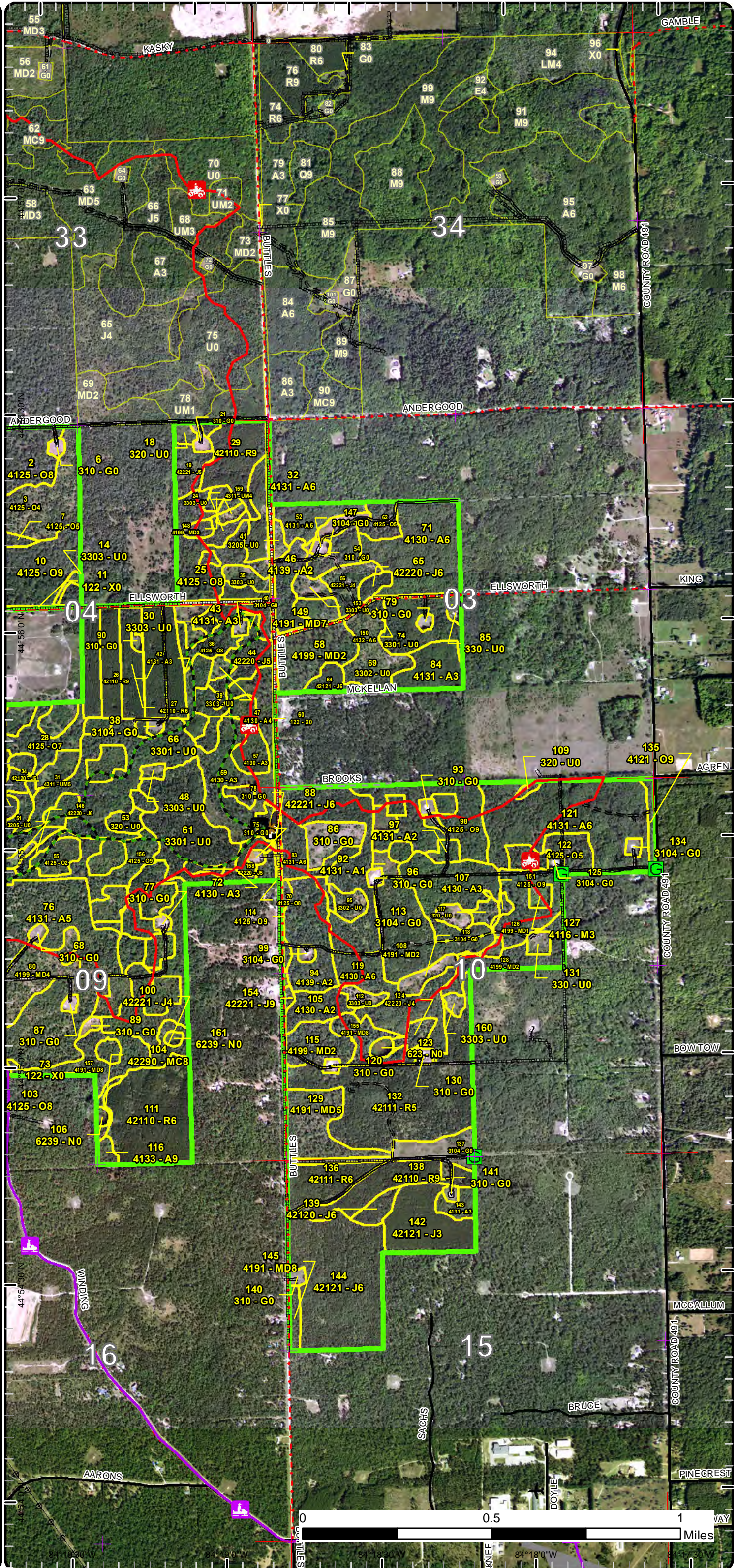


# Special Conservation Areas

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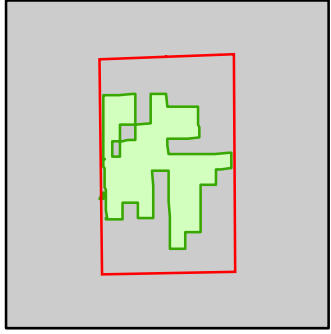
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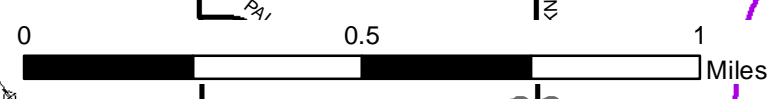
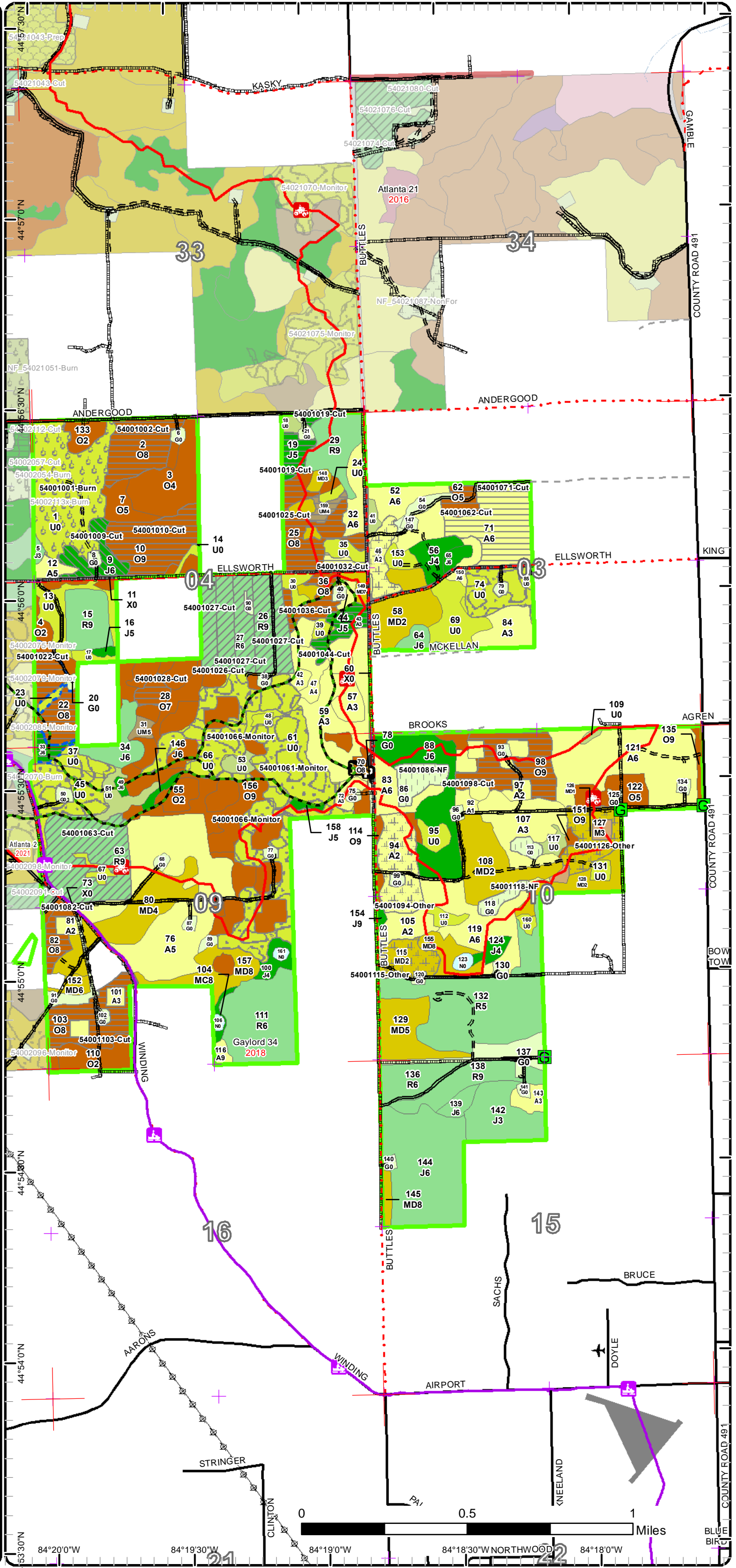


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Compartment: 1  
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 Mgmt Area: High Sand Plains  
 YOE: 2025  
 Acres: 1685.8 GIS Calculated  
 Examiner: Darrick Coy  
 Map Revised: 6/5/2023  
 Map Phase: Pre-Review



- 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)
- Private - Dirt / Gravel Road
- ORV Trails
- Snowmobile Trails
- Designated Hiking Trails
- Designated Bicycle Trails
- Designated Ski Trails
- Designated Multi-Use Trails
- Designated ATV Trails
- Designated Snowmobile Trails
- Toilet
- Airport
- Berms
- Gate
- Parking Lot
- Trailhead
- Pipeline
- Powerline
- Parking Lot
- Compartment Boundary
- Treatments with Site Conditions
- Other Harvest - See Comments
- Other Treatment - See Comments
- Clearcut (w/Reserves)
- Prescribed Burn
- Thinning (Crown, Low, Systematic)
- Regeneration Survey
- Opening Maintenance
- 411 - Northern Hardwood
- 412 - Oak Types
- 413 - Aspen Types
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 422 - Natural Pines
- 430 - Upland Mixed Forest
- 122 - Roads/Parking Lot
- 310 - Herbaceous Openland
- 320 - Upland Shrub
- 330 - Low Density Trees
- 623 - Emergent Wetland

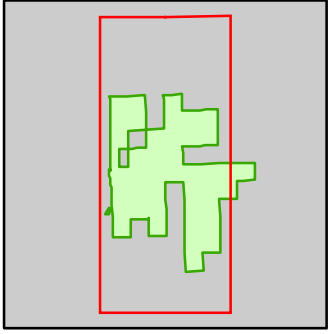


44°53'30"N 84°20'0"W 84°19'30"W 84°19'0"W 84°18'30"W NORTHWOOD 84°18'0"W

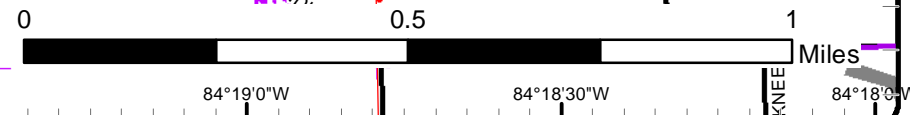
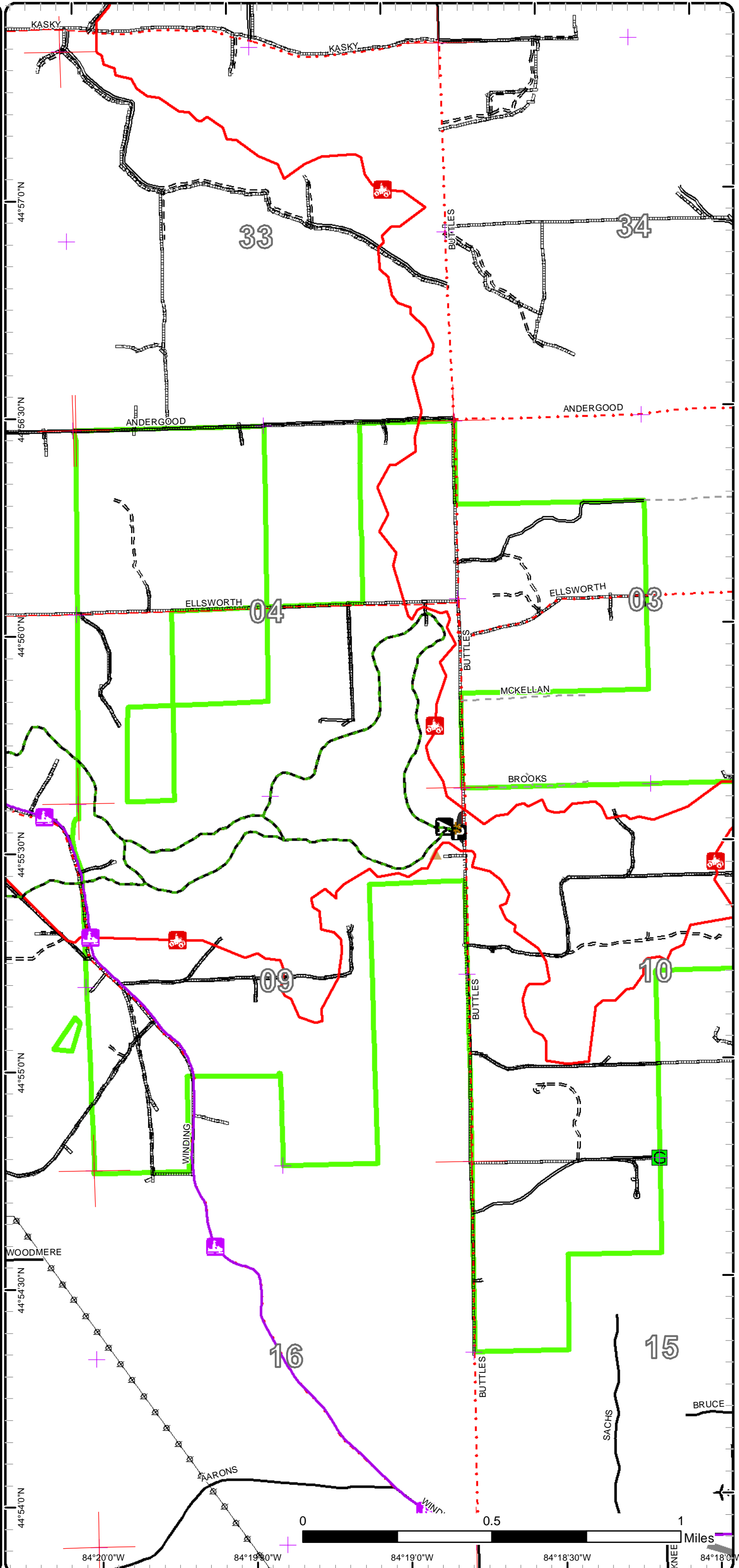


# Stand Boundary Map

Compartment: 1  
 T29N, R01E, Sec. 3-4, 9-10, 15  
 County: Montgomery  
 Unit: Atlanta  
 Mgmt Area: High Sand Plains  
 YOE: 2025  
 Acres: 1685.8 GIS Calculated  
 Examiner: Darrick Coy  
 Map Revised: 6/5/2023  
 Map Phase: Pre-Review

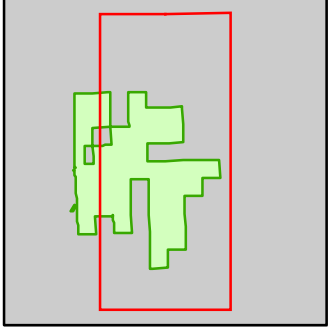


- Miris Corners
- + Remonumented Section Corners
- Counties
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- DNR - Forest Access Route
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- County - Dirt Road (Seasonal)
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- 🛷 Snowmobile Trails
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- Designated Bicycle Trails
- Designated Ski Trails
- Designated Multi-Use Trails
- Designated ATV Trails
- Designated Snowmobile Trails
- 🚽 Toilet
- ✈️ Airport
- ▲ Berms
- G Gate
- P Parking Lot
- ✳️ Trailhead
- Pipeline
- Powerline
- ✈️ Airports
- P Parking Lot
- Compartment Boundary
- Stand Boundaries
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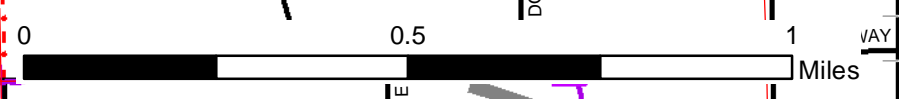
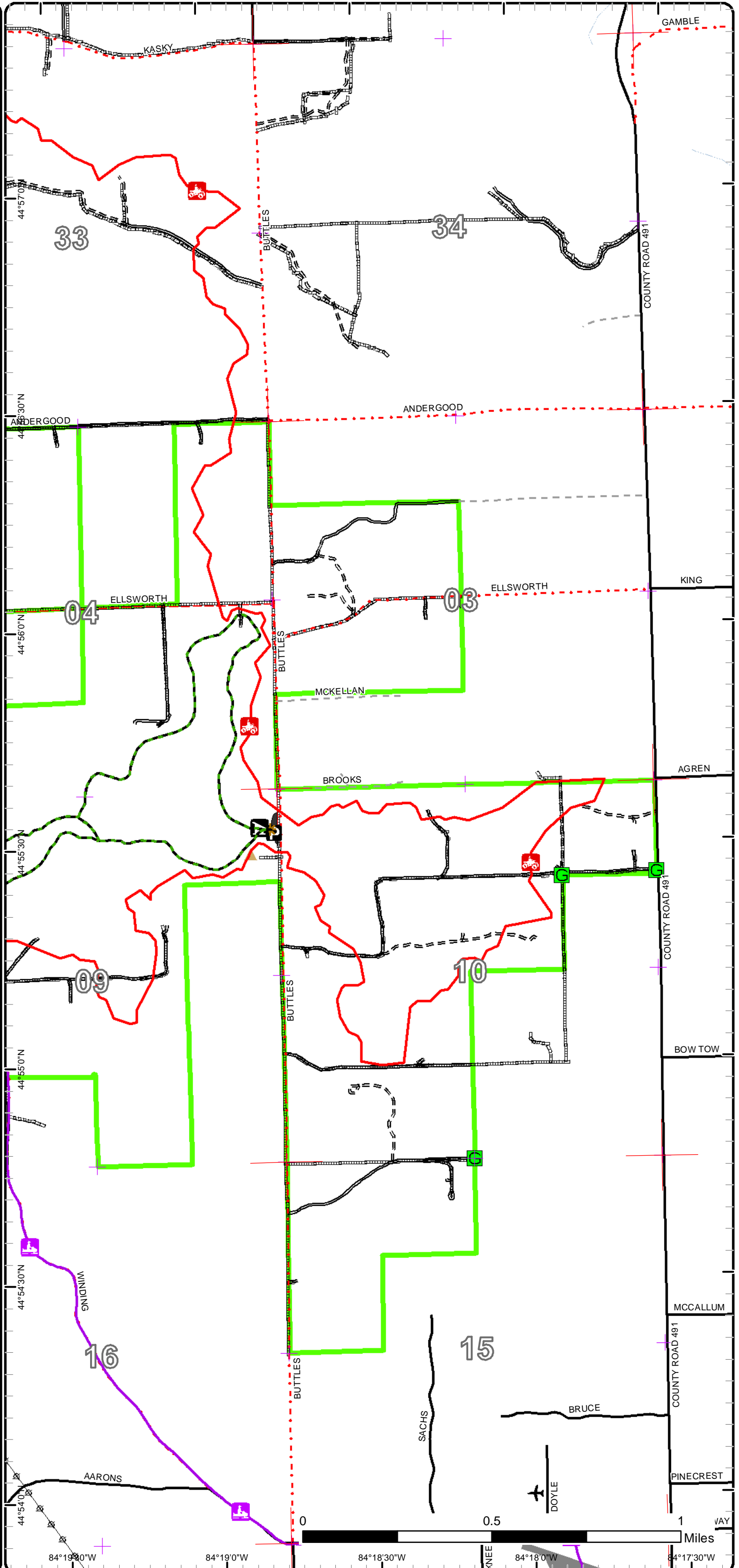


# Stand Boundary Map

Compartment: 1  
 T29N, R01E, Sec. 3-4, 9-10, 15  
 County: Montmorency  
 Unit: Atlanta  
 Mgmt Area: High Sand Plains  
 YOE: 2025  
 Acres: 1685.8 GIS Calculated  
 Examiner: Darrick Coy  
 Map Revised: 6/5/2023  
 Map Phase: Pre-Review



- Miris Corners
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- 🛷 Snowmobile Trails
- Designated Hiking Trails
- Designated Bicycle Trails
- Designated Ski Trails
- Designated Multi-Use Trails
- Designated ATV Trails
- Designated Snowmobile Trails
- Intermittent Stream
- 🚻 Toilet
- ✈ Airport
- ▲ Berms
- G Gate
- P Parking Lot
- \* Trailhead
- Pipeline
- Powerline
- Airports
- Parking Lot
- Compartment Boundary
- Stand Boundaries
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- 330 - Low Density Trees
- 623 - Emergent Wetland



84°19'30"W 84°19'0"W 84°18'30"W 84°18'0"W 84°17'30"W