



Compartment Review Presentation

Atlanta Forest Management Unit

Compartment 54019

Entry Year 2020

Acreage: 2,119

County Montmorency

Management Area: Avery Hills

Revision Date: 2018-06-04

Stand Examiner: Darrick Coy

Legal Description:

T29N R03E Sec 23, 26, 27, 34 & 35

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 and oak 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 drained sands in the uplands and muck and silt loam soils in the lowlands. Overall, there are slight changes in topography, mostly broad and flat to rolling with a few hills. The compartment forest habitat types are primarily PARVHa and PARVVb.

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

The compartment has a few small private parcels and scattered larger private parcels. The south boundary of the compartment is the Montmorency/Oscoda County line. The compartment has some recreational use by ORVs & snowmobiles and receives a large amount of use by Antrim Gas Companies.

Unique Natural Features:

Rare and Endanger Species Present- None known
Potential Other Rare and Endangered Species Present- Spike-Lip Crater

Archeological, Historical, and Cultural Features:

No known sites exist. Contact the state historical preservation office for more information or reporting of new sites.

Special Management Designations or Considerations:

This compartment contains the Greasy Creek Grouse Enhancement Management (GEM) area.

Watershed and Fisheries Considerations:

Gilchrist Creek which is a high priority trout stream. Greasy Creek, an important tributary to the Gilchrist, also flows within the compartment.

Wildlife Habitat Considerations:

Mineral Resource and Development Concerns and/or Restrictions

An active (open) state-owned sand/gravel pit is located in Section 23; it is not currently leased. There is some potential for additional sand & gravel within the compartment. Glacial drift is too thick in this area for bedrock non-metallic mineral potential. All state-owned mineral rights in this area are currently leased, and the area has been heavily developed for Antrim Shale gas. There is not much potential for additional future Antrim wells. There is no known oil and gas potential from other formations in this area. There is no known metallic mineral potential in this part of the state.

Vehicle Access:

This compartment is accessed from M-33 and several County Roads: Greasy Creek Rd, McIntire Rd, Co Rd 612 and Clay Pit Road. There are several two tracks for traversing the area.

Survey Needs:

Section 27- SESE, NENE, and SWNE

Recreational Facilities and Opportunities:

There are many opportunities for hunting, fishing, and wildlife viewing in the area.

Fire Protection:

Fire response to the compartment will be covered by the Atlanta DNR office as well as the Tri-Township Fire Department.

Additional Compartment Information:

The following reports from the Inventory are attached:

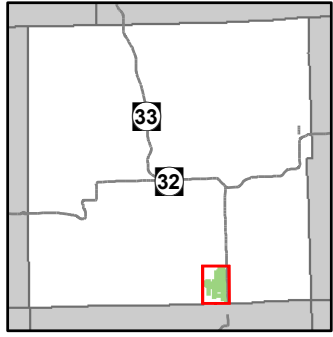
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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

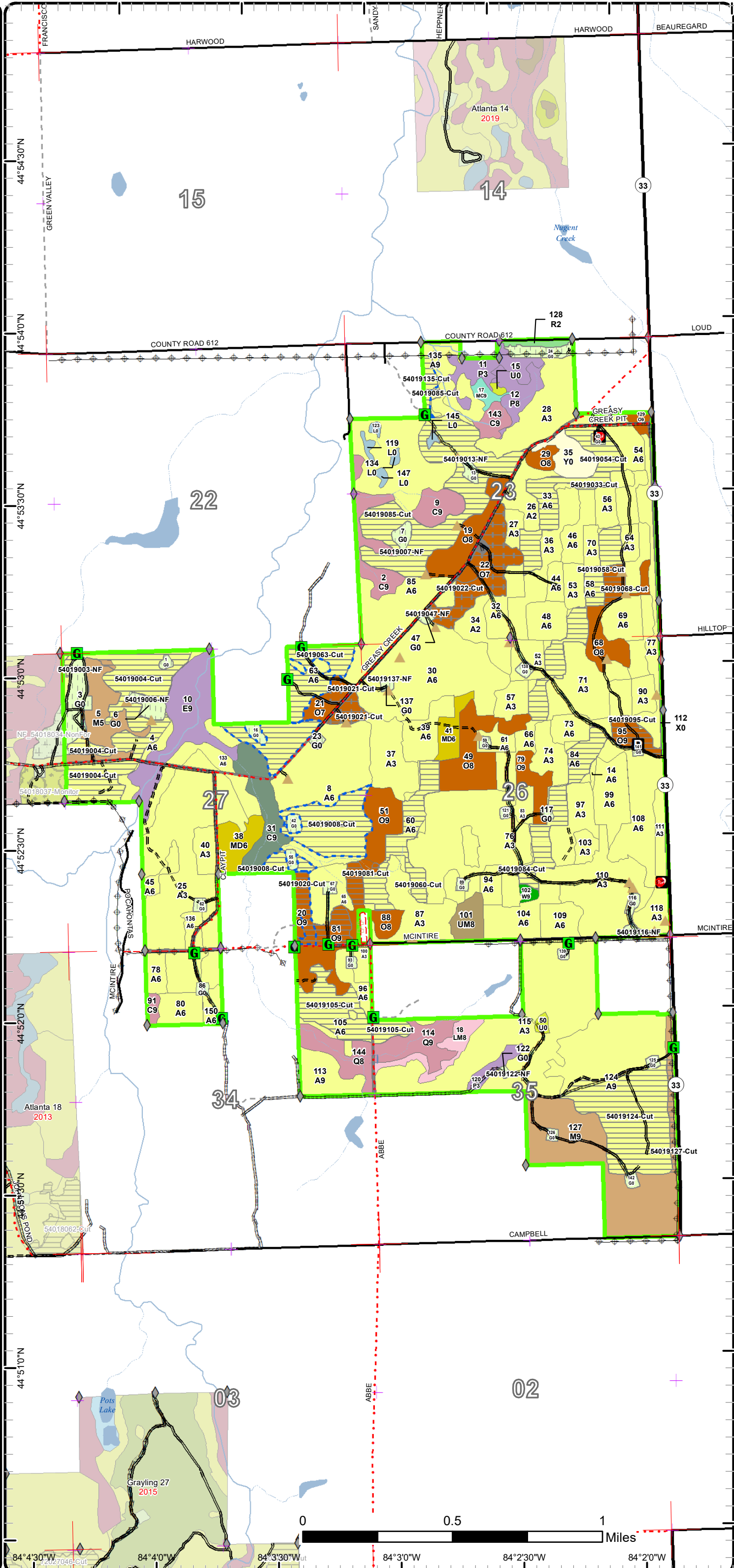
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

Cover Type & Treatments Map

Compartment: 19
 T29N, R03E, Sec. 23, 26, 27, 34,
 35
 County: Montmorency
 Unit: Atlanta
 Mgmt Area: Avery Hills
 YOE: 2020
 Acres: 2,119 GIS Calculated
 Examiner: Darrick Coy
 Map Revised: 10/3/2018
 Map Phase: Post-Review



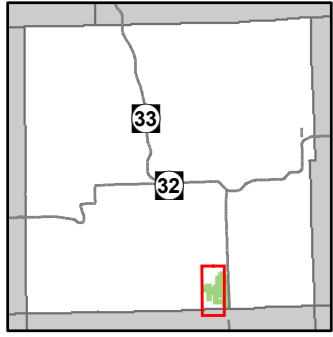
- Miris Corners
- Remonumented Section Corners
- Field Grade Corners
- Counties
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State Highway
- Federal / State / County - Paved Road
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Private - Dirt / Gravel Road
- Drain
- Intermittent Stream
- Lake/Pond
- Perennial River
- Lakes and Rivers All
- Berms
- Gate
- Culvert
- Cemetery
- Parking Lot
- Sign
- Pipeline
- Powerline
- Compartment Boundary
- Treatments with Site Conditions
- Clearcut (w/Reserves)
- Harvest, Overstory Removal
- Opening Maintenance
- 411 - Northern Hardwood
- 412 - Oak Types
- 413 - Aspen Types
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 422 - Natural Pines
- 423 - Other Upland Conifers
- 429 - Mixed Upland Conifers
- 430 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 122 - Roads/Parking Lot
- 310 - Herbaceous Openland
- 330 - Low Density Trees
- 622 - Lowland Shrub
- 710 - Sand/Soil
- Lakes



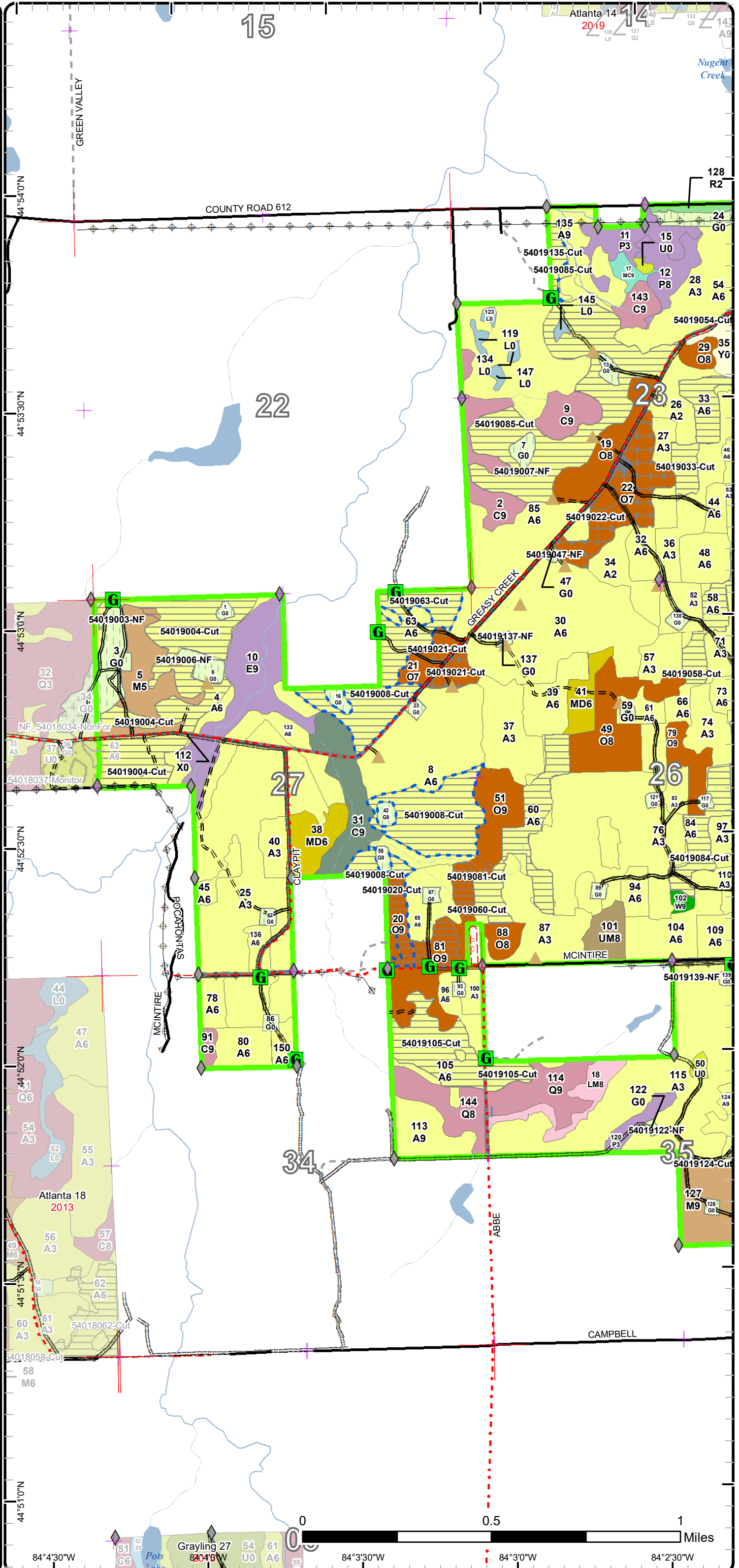
84°4'30"W 84°4'0"W 84°3'30"W 84°3'0"W 84°2'30"W 84°2'0"W

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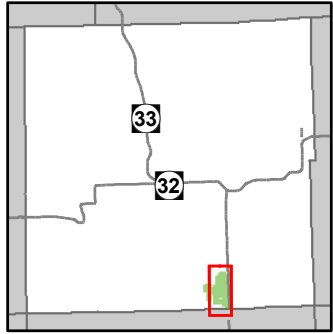


Atlanta 14
 2019

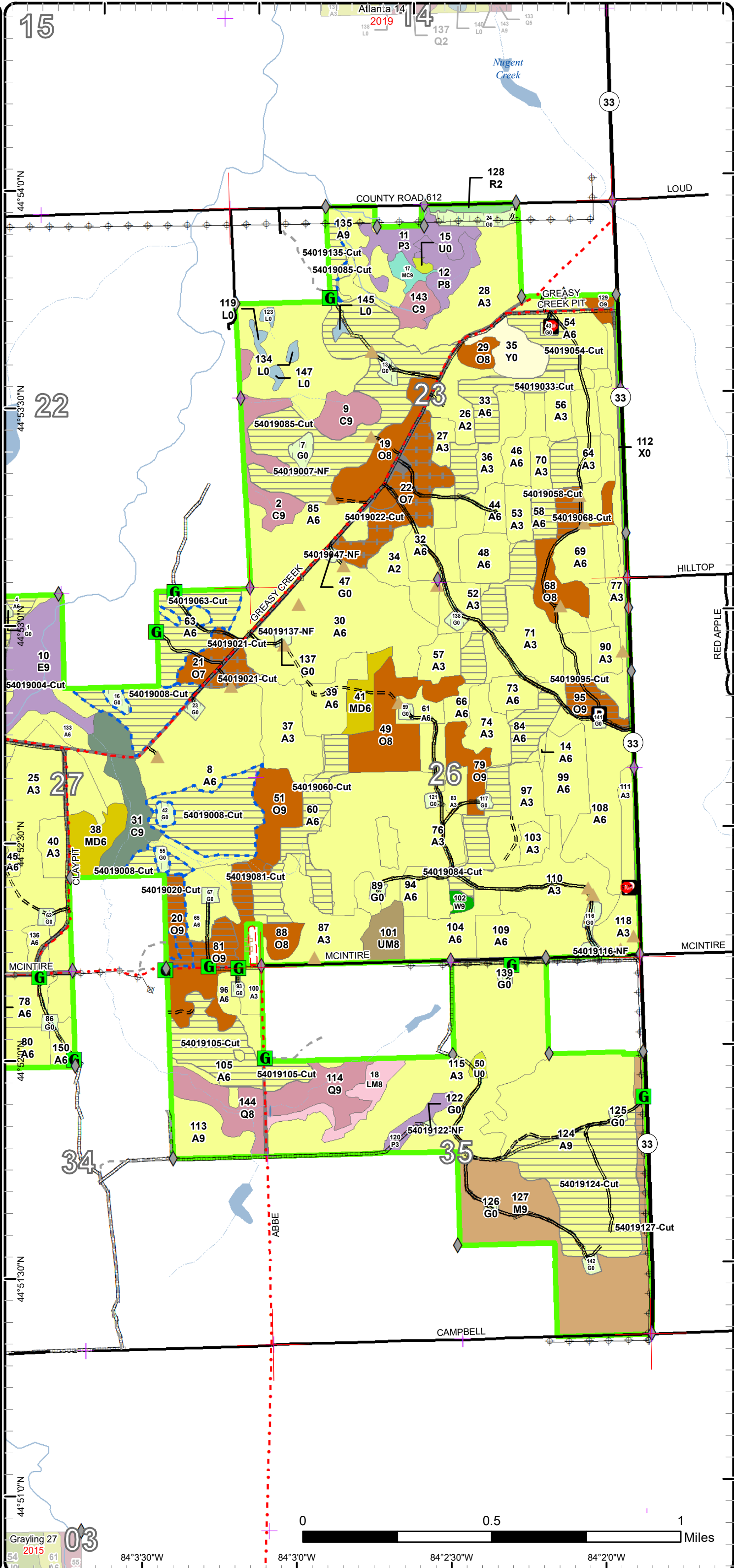
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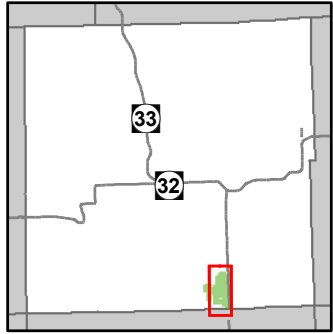


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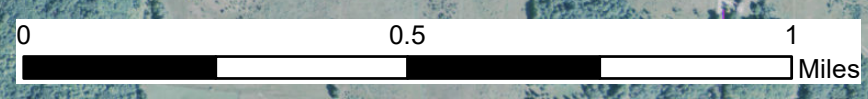
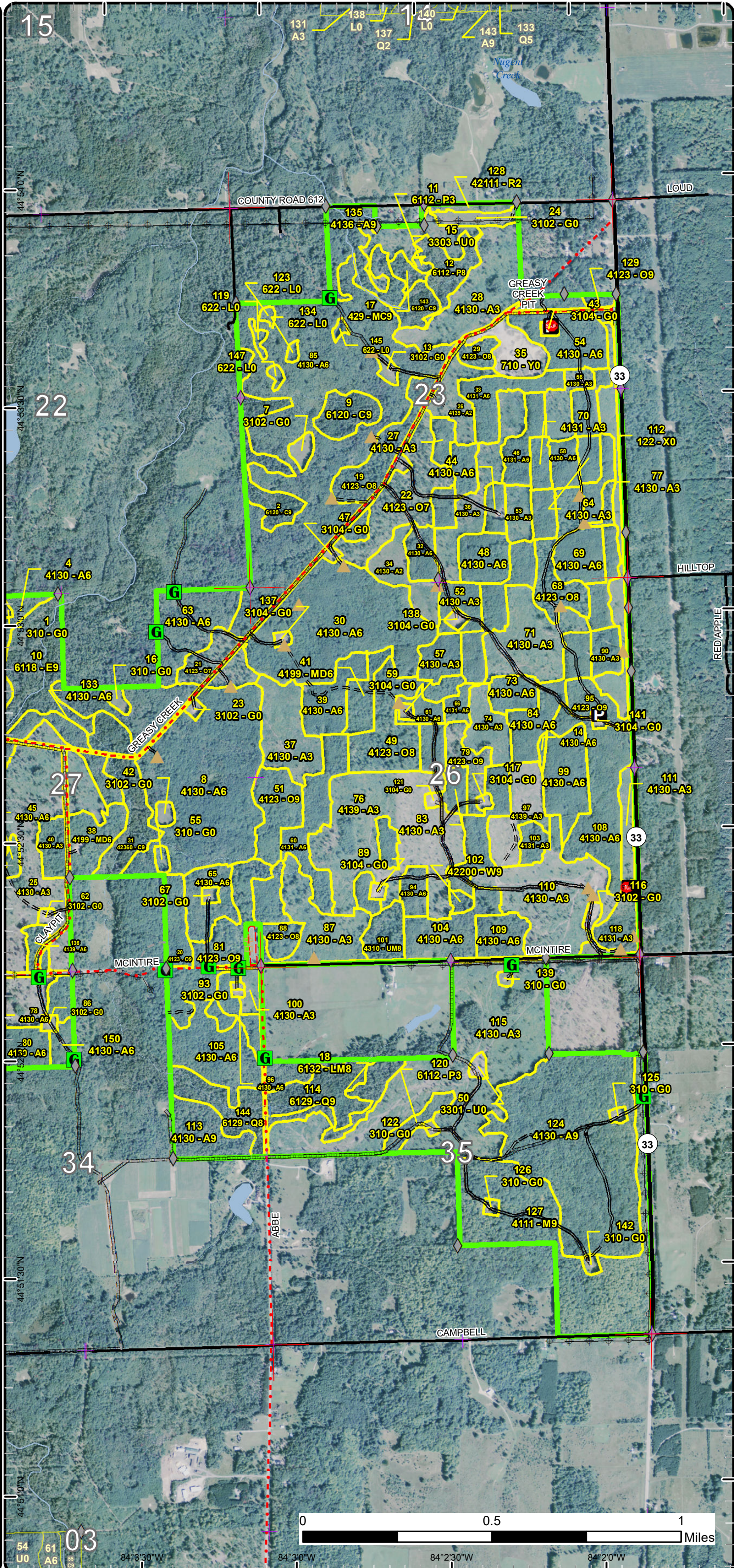


Stand Boundary Map

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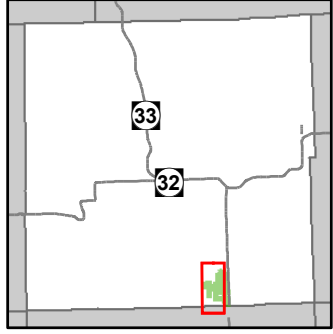
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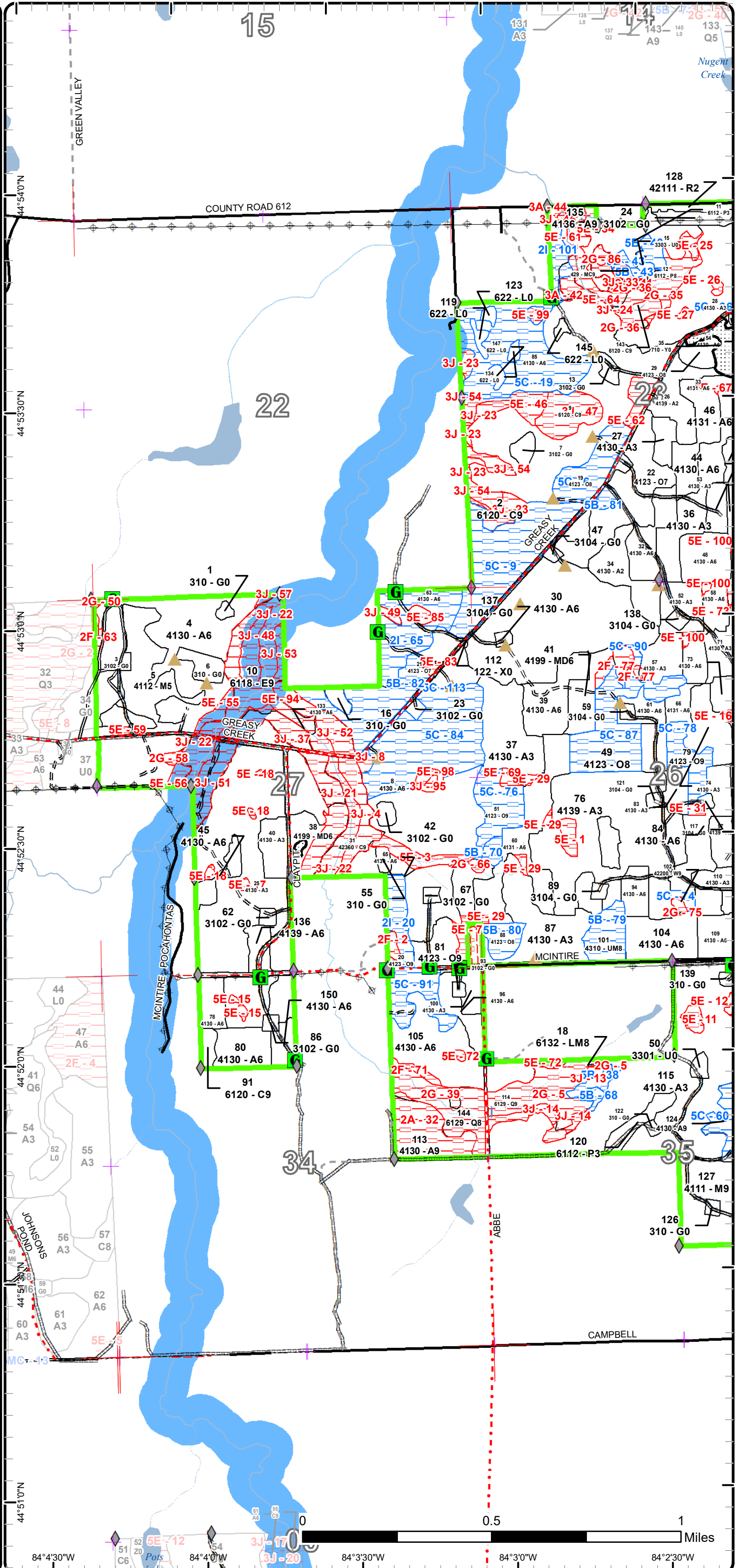
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Special Conservation Areas & Site Conditions Map

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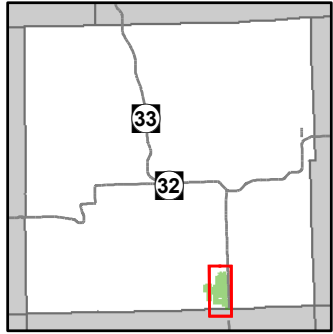
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- Compartment Boundary
- Available w/ Constraints
- Unavailable
- 2I: Survey needed
- 5B: Maintain for regeneration purposes
- 5C: Delay treatment for age/size class diversity or exceptional site quality
- 2A: Adjacent landowner denied access
- 2F: Too steep
- 2G: Too wet (sensitive soils, does not include access issues)
- 3A: Conservation Values incompatible with harvest at this time
- 3J: Water quality / BMPs (stream, river, or lake)
- 5E: Long-Term Retention
- Stand Boundaries
- SCA
- Cold Water Streams
- High Priority Trout Stream Buffer



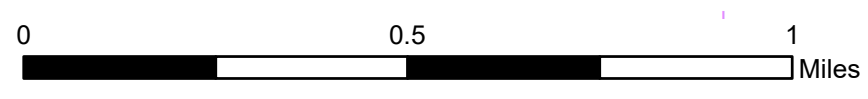
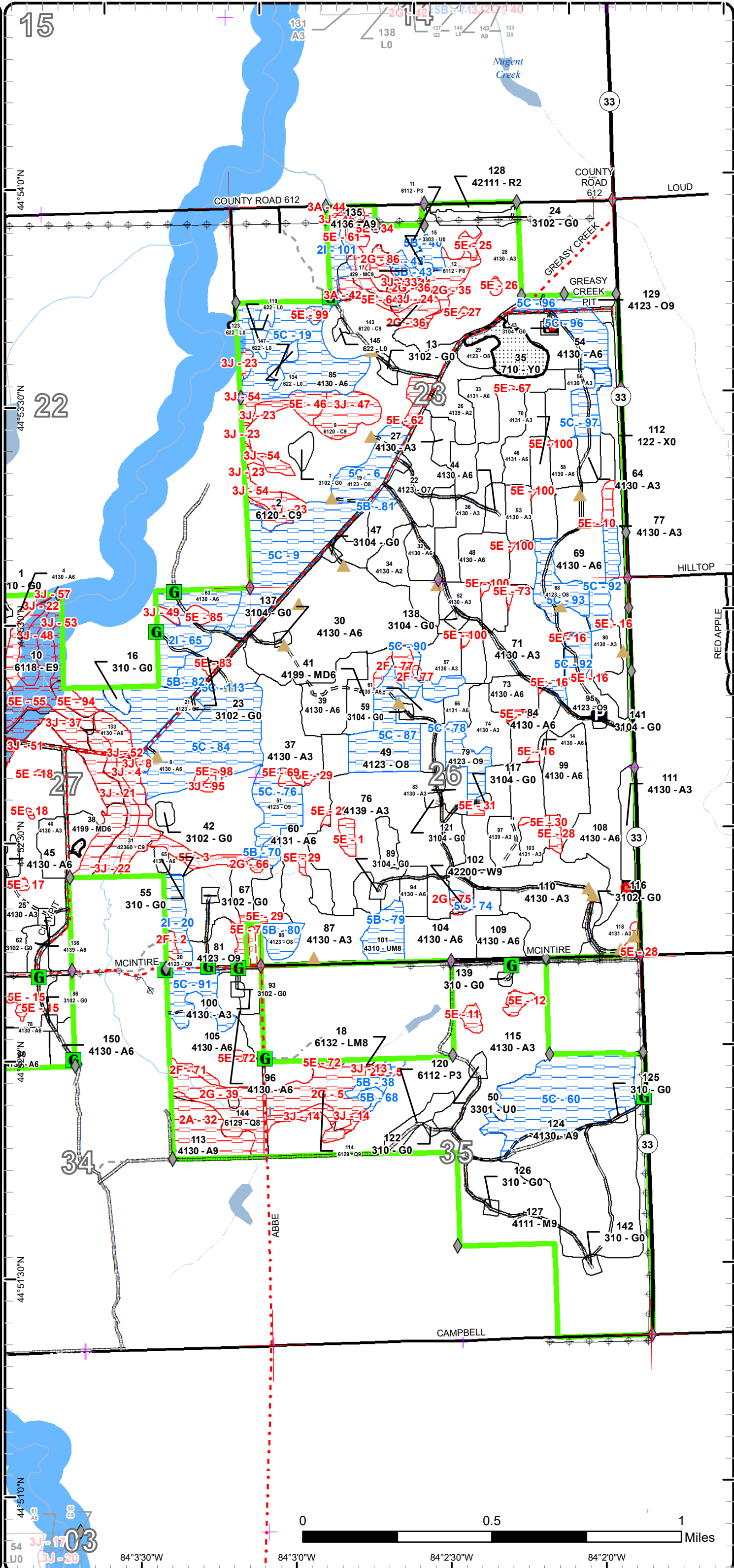
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- Stand Boundaries
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- Cold Water Streams
- Cold Water Lakes
- High Priority Trout Stream Buffer



84°3'30"W 84°3'0"W 84°2'30"W 84°2'0"W

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	511	0	107	125	553	167	23	0	35	0	0	0	0	0	0	0	0	1520
Cedar	0	0	0	0	0	0	0	0	0	0	0	55	3	0	0	0	0	0	58
Herbaceous Openland	56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	56
Low-Density Trees	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Lowland Aspen/Balsam Poplar	0	14	0	6	0	0	0	0	11	0	0	0	0	0	0	0	0	0	31
Lowland Conifers	0	0	0	0	0	0	0	0	0	0	17	0	15	0	0	0	0	0	32
Lowland Deciduous	0	0	0	0	0	0	0	0	0	0	37	0	0	0	0	0	0	0	36
Lowland Mixed Forest	0	0	0	0	0	0	0	0	11	0	0	0	0	0	0	0	0	0	11
Lowland Shrub	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Mixed Upland Deciduous	0	0	0	0	9	13	0	0	0	0	0	0	0	0	0	0	0	0	20
Northern Hardwood	0	0	0	0	0	21	0	0	0	0	76	0	0	0	0	0	0	0	97
Oak	0	0	0	0	0	0	0	0	0	55	115	13	0	0	0	0	0	0	181
Red Pine	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Sand, Soil	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12
Upland Conifers	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	3
Upland Mixed Forest	0	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0	9
Urban	38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	38
White Pine	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	2
Total	114	525	4	113	134	587	167	23	22	93	256	68	18	0	0	0	0	0	2118



Report 2 – Treatment Summary

Atlanta Mgt. Unit

Compartment 19

Year of Entry: 2020

Acres of Harvest

Total Compartment Acres: 2,119

Commercial Harvest - 368
 Harvests with Site Condition - 82
 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	377	0	0	0	0	0	0	0	0	377
Northern Hardwood	6	0	0	0	0	0	0	0	0	6
Oak	34	0	0	0	0	0	34	0	0	68
Total	416	0	0	0	0	0	34	0	0	450

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	450	0	0	0	0	0	0	0	41	491
Next Step	0	0	0	0	0	0	450	0	0	450
Total	450	0	0	0	0	0	450	0	41	941



S t a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Approval Status
1	54019001-NF	1.0	310 - Herbaceous Openland	Nonstocked		Unspecified	NonForestMgt	Herbaceous/Crop /Grass Planting	310 - Herbaceous Openland		Draft Field Boundary

Habitat Cut: No**Site Condition:**

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

Next Step
Treatments:

Acceptable
Regen:

Other
Comment:

Proposed Start Date: 10/1 /2019

3	54019003-NF	12.2	3102 - Grass	Nonstocked		Unspecified	NonForestMgt	Herbaceous/Crop /Grass Planting	310 - Herbaceous Openland		Draft Field Boundary
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Habitat Cut: No**Site Condition:**

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

Next Step
Treatments:

Acceptable
Regen:

Other
Comment:

Proposed Start Date: 10/1 /2019

4	54019004-Cut	57.0	4130 - Aspen	Poletimber Well	48	81-110	Harvest	Clearcut with Retention	4130 - Aspen	Even-Aged	Draft Field Boundary
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Habitat Cut: No**Site Condition:**

Prescription -clearcut
Specs: -leave 3-10% area retention (already excluded- see site conditions layer)
 -keep treatment boundary 300 ft away from Gilchrist trout stream (already excluded- see site conditions layer)
 -protect any trees found over 26 inches with leave tree paint, mostly found south of county rd
 -include grouse timber sale specification per wildlife division

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

Acceptable -primarily aspen with other deciduous and conifer associates of medium to high stocking
Regen:

Other -if historical access routes are re-opened for landing access, make sure to close them again with berms once sale is complete
Comment:

Proposed Start Date: 10/1 /2019

6	54019006-NF	4.2	310 - Herbaceous Openland	Nonstocked		Unspecified	NonForestMgt	Herbaceous/Crop /Grass Planting	310 - Herbaceous Openland		Draft Field Boundary
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Habitat Cut: No**Site Condition:**

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

Next Step
Treatments:

Acceptable
Regen:

Other
Comment:

Proposed Start Date: 10/1 /2019



Stand Name	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Approval Status
7	54019007-NF	2.7	3102 - Grass	Nonstocked		Unspecified	NonForestMgt	Herbaceous/Crop /Grass Planting	310 - Herbaceous Openland		Draft Field Boundary

Habitat Cut: No**Site Condition:**

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

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other

Comment:

Proposed Start Date: 10/1 /2019

8	54019008-Cut	49.6	4130 - Aspen	Poletimber Well	48	81-110	Harvest	Clearcut with Retention	4130 - Aspen	Even-Aged	Draft Field Boundary
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Habitat Cut: No**Site Condition: Survey Needed**

Prescription -clearcut (partial stand harvest)

Specs: -leave 3-10% in area retention for areas heavier to pine, protecting waterways and/or seeps, and for visual (already excluded- see site conditions layer)

-leave all rp and wp not to exceed 10 BA (should not need to mark)

-leave all trees over 26 inches

-protect interior alder in specs and show larger pockets on map

-include grouse timber sale specification per wildlife division and paint a leave-tree over 12 inches in DBH (or largest DBH available) every 2 acres to be felled once skidding is complete (mark-to-leave only for portion south of greasy creek rd)

-maintain Greasy Creek set-back as shown within site conditions layer per fisheries division approval

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable -primarily aspen with other deciduous and conifer associates of medium to high stocking

Regen:

Other

Comment:

Proposed Start Date: 5 /23/2018

13	54019013-NF	2.0	3102 - Grass	Nonstocked		Unspecified	NonForestMgt	Herbaceous/Crop /Grass Planting	310 - Herbaceous Openland		Draft Field Boundary
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Habitat Cut: No**Site Condition:**

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

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other

Comment:

Proposed Start Date: 10/1 /2019



S t a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Approval Status
16	54019016-NF	2.0	310 - Herbaceous Openland	Nonstocked		Unspecified	NonForestMgt	Herbaceous/Crop /Grass Planting	310 - Herbaceous Openland		Draft Field Boundary

Habitat Cut: No**Site Condition:**

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

Next Step
Treatments:

Acceptable
Regen:

Other
Comment:

Proposed Start Date: 10/1 /2019

20	54019020-Cut	7.9	4123 - Red Oak	Sawtimber Well	95	141-170	Harvest	Clearcut with Retention	4140 - Other Upland Deciduous	Even-Aged	Draft Field Boundary
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Habitat Cut: No**Site Condition: Survey Needed**

Prescription -clearcut
Specs: -area retention already excluded for area of steeper terrain (see site conditions layer)

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

Acceptable -primarily a combination of aspen, maple, oak, and other northern hardwoods of medium to high stocking
Regen:

Other
Comment:

Proposed Start Date: 10/1 /2019

21	54019021-Cut	8.8	4123 - Red Oak	Sawtimber Poor	101	1-50	Harvest	Overstory Removal	4140 - Other Upland Deciduous	Even-Aged	Draft Field Boundary
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Habitat Cut: No**Site Condition:**

Prescription -remove overstory to release and create additional regeneration
Specs: -leave retention and conifer regeneration area out of the treatment (already excluded- see site conditions layer)

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

Acceptable -primarily a combination of red maple, oak, and/or aspen with other deciduous and pine associates of medium to high stocking
Regen:

Other
Comment:

Proposed Start Date: 10/1 /2019

22	54019022-Cut	25.2	4123 - Red Oak	Sawtimber Poor	97	1-50	Harvest	Overstory Removal	4199 - Other Mixed Upland Deciduous	Even-Aged	Draft Field Boundary
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Habitat Cut: No**Site Condition:**

Prescription -remove overstory to release and create additional regeneration
Specs: -leave retention and conifer regeneration area out of the treatment (already excluded- see site conditions layer)

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

Acceptable -primarily a combination of red maple, oak, and/or aspen with other deciduous and pine associates of medium to high stocking
Regen:

Other
Comment:

Proposed Start Date: 10/1 /2019



S t a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Approval Status
23	54019023-NF	1.1	3102 - Grass	Nonstocked		Unspec ified	NonForestMgt	Herbaceous/Crop /Grass Planting	310 - Herbaceous Openland		Draft Field Boundary

Habitat Cut: No**Site Condition:**

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

Next Step
Treatments:

Acceptable
Regen:

Other
Comment:

Proposed Start Date: 10/1 /2019

24	54019024-NF	5.2	3102 - Grass	Nonstocked		Unspec ified	NonForestMgt	Herbaceous/Crop /Grass Planting	310 - Herbaceous Openland		Draft Field Boundary
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Habitat Cut: No**Site Condition:**

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

Next Step
Treatments:

Acceptable
Regen:

Other
Comment:

Proposed Start Date: 10/1 /2019

33	54019033-Cut	18.5	4131 - Aspen, Oak	Poletimber Well	44	81-110	Harvest	Clearcut with Retention	4131 - Aspen, Oak	Even-Aged	Draft Field Boundary
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Habitat Cut: No**Site Condition:**

Prescription -clearcut
Specs:
-leave 3-10% in area retention
-leave all rp and wp not to exceed 10 BA (should not need to mark)
-keep boundary line placement on bottom or top of steep slopes to allow adequate equipment access
-leave all trees over 26 inches, if any are found
-do not cut stand 36 area retention located in the north leg of the treatment
-include grouse timber sale specification per wildlife division and paint a leave-tree over 12 inches in DBH (or largest DBH available) every 2 acres to be felled once skidding is complete

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

Acceptable -primarily a combination of aspen, oak, and/or red maple with other deciduous and pine associates of medium to high stocking
Regen:

Other
Comment:

Proposed Start Date: 10/1 /2019



S t a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Approval Status
42	54019042-NF	1.8	3102 - Grass	Nonstocked		Unspecified	NonForestMgt	Herbaceous/Crop /Grass Planting	310 - Herbaceous Openland		Draft Field Boundary

Habitat Cut: No**Site Condition:**

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

Next Step
Treatments:

Acceptable
Regen:

Other
Comment:

Proposed Start Date: 10/1 /2019

43	54019043-NF	1.0	3104 - Degraded	Nonstocked		Unspecified	NonForestMgt	Herbaceous/Crop /Grass Planting	310 - Herbaceous Openland		Draft Field Boundary
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Habitat Cut: No**Site Condition:**

Prescription Opening will be maintained on an ongoing rotational basis to produce wildlife forage through burning, mowing, planting, or other agriculture practices
Specs: Maintain GEMS parking area

Next Step
Treatments:

Acceptable
Regen:

Other
Comment:

Proposed Start Date: 10/1 /2019

47	54019047-NF	0.9	3104 - Degraded	Nonstocked	0	Unspecified	NonForestMgt	Herbaceous/Crop /Grass Planting	310 - Herbaceous Openland		Draft Field Boundary
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Habitat Cut: No**Site Condition:**

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

Next Step
Treatments:

Acceptable
Regen:

Other
Comment:

Proposed Start Date: 10/1 /2019



S t a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Approval Status
54	54019054-Cut	9.3	4130 - Aspen	Poletimber Well	50	81-110	Harvest	Clearcut with Retention	4130 - Aspen	Even-Aged	Draft Field Boundary

Habitat Cut: No**Site Condition:**Prescription -clearcut

Specs:
 -leave 3-10% in area retention
 -leave all rp and wp not to exceed 10 BA (should not need to mark)
 -leave all trees over 26 inches, if any are found
 -include grouse timber sale specification per wildlife division and paint a leave-tree over 12 inches in DBH (or largest DBH available) every 2 acres to be felled once skidding is complete

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

Acceptable Regen: -primarily a combination of aspen, oak, and/or red maple with other deciduous and pine associates of medium to high stocking

OtherComment:Proposed Start Date: 10/1 /2019

55	54019055-NF	1.5	310 - Herbaceous Openland	Nonstocked	Unspecified	NonForestMgt	Herbaceous/Crop /Grass Planting	310 - Herbaceous Openland			Draft Field Boundary
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Habitat Cut: No**Site Condition:**

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

Next Step
Treatments:

Acceptable Regen:

OtherComment:Proposed Start Date: 10/1 /2019

58	54019058-Cut	26.2	4130 - Aspen	Poletimber Well	43	81-110	Harvest	Clearcut with Retention	4130 - Aspen	Even-Aged	Draft Field Boundary
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Habitat Cut: No**Site Condition:**Prescription -clearcut

Specs:
 -leave 3-10% in area retention (already excluded- see site conditions layer)
 -leave all rp and wp not to exceed 10 BA (should not need to mark)
 -keep boundary line placement on bottom or top of steep slopes to allow adequate equipment access
 -leave all trees over 26 inches, if any are found
 -do not cut stand 71 area retention located within the middle of the treatment
 -include grouse timber sale specification per wildlife division and paint a leave-tree over 12 inches in DBH (or largest DBH available) every 2 acres to be felled once skidding is complete

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

Acceptable Regen: -primarily a combination of aspen, oak, and/or red maple with other deciduous and pine associates of medium to high stocking

OtherComment:Proposed Start Date: 10/1 /2019



S t a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Approval Status
59	54019059-NF	1.0	3104 - Degraded	Nonstocked		Unspecified	NonForestMgt	Herbaceous/Crop /Grass Planting	310 - Herbaceous Openland		Draft Field Boundary

Habitat Cut: No**Site Condition:**

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

Next Step
Treatments:

Acceptable
Regen:

Other
Comment:

Proposed Start Date: 10/1 /2019

60	54019060-Cut	24.0	4131 - Aspen, Oak	Poletimber Well	44	81-110	Harvest	Clearcut with Retention	4130 - Aspen	Even-Aged	Draft Field Boundary
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Habitat Cut: No**Site Condition:**

Prescription -clearcut
Specs:
 -leave 3-10% in area retention (already excluded (see site conditions layer)
 -leave all rp and wp not to exceed 10 BA (should not need to mark)
 -keep boundary line placement on bottom or top of steep slopes to allow adequate equipment access
 -leave all trees over 26 inches, if any are found
 -do not cut stand 87 area retention located within the south end of the treatment
 -include grouse timber sale specification per wildlife division and paint a leave-tree over 12 inches in DBH (or largest DBH available) every 2 acres to be felled once skidding is complete

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

Acceptable -primarily a combination of aspen, oak, and/or red maple with other deciduous and pine associates of medium to high stocking
Regen:

Other
Comment:

Proposed Start Date: 10/1 /2019

62	54019062-NF	1.2	3102 - Grass	Nonstocked		Unspecified	NonForestMgt	Herbaceous/Crop /Grass Planting	310 - Herbaceous Openland		Draft Field Boundary
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Habitat Cut: No**Site Condition:**

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

Next Step
Treatments:

Acceptable
Regen:

Other
Comment:

Proposed Start Date: 10/1 /2019



S t a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Approval Status
63	54019063-Cut	20.7	4130 - Aspen	Poletimber Well	65	81-110	Harvest	Clearcut with Retention	4130 - Aspen	Even-Aged	Draft Field Boundary

Habitat Cut: No**Site Condition: Survey Needed**Prescription -clearcut

Specs: -leave 3-10% in area retention for areas heavier to pine, protecting waterways and/or seeps, and for visual (already excluded- see site conditions layer)
 -leave all rp and wp not to exceed 10 BA (should not need to mark)
 -leave all trees over 26 inches
 -include grouse timber sale specification per wildlife division

Next Step Monitoring, Natural Regen (Re-Inventory)Treatments:Acceptable -primarily aspen with other deciduous and conifer associates of medium to high stockingRegen:OtherComment:Proposed Start Date: 10/1 /2019

67	54019067-NF	1.2	3102 - Grass	Nonstocked		Unspec ified	NonForestMgt	Herbaceous/Crop /Grass Planting	310 - Herbaceous Openland		Draft Field Boundary
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Habitat Cut: No**Site Condition:**

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

Next StepTreatments:AcceptableRegen:OtherComment:Proposed Start Date: 10/1 /2019

68	54019068-Cut	5.5	4123 - Red Oak	Sawtimber Medium	95	51-80	Harvest	Clearcut with Retention	4140 - Other Upland Deciduous	Even-Aged	Draft Field Boundary
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Habitat Cut: No**Site Condition:**Prescription -clearcut

Specs: -area retention already excluded (see site conditions layer)

Next Step Monitoring, Natural Regen (Re-Inventory)Treatments:Acceptable -primarily a combination of aspen, maple, oak, and other northern hardwoods of medium to high stockingRegen:OtherComment:Proposed Start Date: 10/1 /2019



S t a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Approval Status
81	54019081-Cut	12.7	4123 - Red Oak	Sawtimber Well	90	81-110	Harvest	Clearcut with Retention	4140 - Other Upland Deciduous	Even-Aged	Draft Field Boundary

Habitat Cut: No**Site Condition:**Prescription -clearcut (partial stand harvest)Specs: -area retention that is heavier to aspen is already excluded around cemetery (see site conditions layer)
-keep hemlock pocket to the north out of the treatmentNext Step Monitoring, Natural Regen (Re-Inventory)Treatments:Acceptable -primarily a combination of aspen, maple, oak, and other northern hardwoods of medium to high stockingRegen:OtherComment:

Proposed Start Date: 10/1 /2019

84	54019084-Cut	22.4	4130 - Aspen	Poletimber Well	45	81-110	Harvest	Clearcut with Retention	4130 - Aspen	Even-Aged	Draft Field Boundary
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Habitat Cut: No**Site Condition:**Prescription -clearcut (partial stand harvest)Specs: -leave 3-10% in area retention (already excluded- see site conditions layer)
-leave all rp and wp not to exceed 10 BA (should not need to mark)
-keep boundary line placement on bottom or top of steep slopes to allow adequate equipment access
-do not cut stand 79 area retention
-leave all trees over 26 in, if any are found
-include grouse timber sale specification per wildlife division and paint a leave-tree over 12 inches in DBH (or largest DBH available) every 2 acres to be felled once skidding is completeNext Step Monitoring, Natural Regen (Re-Inventory)Treatments:Acceptable -primarily a combination of aspen, oak, and/or red maple with other deciduous and pine associates of medium to high stockingRegen:OtherComment:

Proposed Start Date: 10/1 /2019

85	54019085-Cut	62.2	4130 - Aspen	Poletimber Well	48	81-110	Harvest	Clearcut with Retention	4130 - Aspen	Even-Aged	Draft Field Boundary
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Habitat Cut: No**Site Condition:**Prescription -clearcut (partial stand harvest)Specs: -leave 3-10% in area retention for areas heavier to pine, protecting waterways and/or seeps, and for visual (already excluded- see site conditions layer)
-leave all rp and wp not to exceed 10 BA (should not need to mark)
-leave all trees over 26 inches
-protect interior alder in specs and show larger pocket(s) on map
-include grouse timber sale specification per wildlife divisionNext Step Monitoring, Natural Regen (Re-Inventory)Treatments:Acceptable -primarily aspen with other deciduous and conifer associates of medium to high stockingRegen:OtherComment:

Proposed Start Date: 10/1 /2019



S t a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Approval Status
89	54019089-NF	1.1	3104 - Degraded	Nonstocked		Unspecified	NonForestMgt	Herbaceous/Crop /Grass Planting	310 - Herbaceous Openland		Draft Field Boundary

Habitat Cut: No**Site Condition:**

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

Next Step
Treatments:

Acceptable
Regen:

Other
Comment:

Proposed Start Date: 10/1 /2019

93	54019093-NF	0.9	3102 - Grass	Nonstocked		Unspecified	NonForestMgt	Herbaceous/Crop /Grass Planting	310 - Herbaceous Openland		Draft Field Boundary
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Habitat Cut: No**Site Condition:**

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

Next Step
Treatments:

Acceptable
Regen:

Other
Comment:

Proposed Start Date: 10/1 /2019

95	54019095-Cut	7.5	4123 - Red Oak	Sawtimber Well	91	81-110	Harvest	Clearcut with Retention	4140 - Other Upland Deciduous	Even-Aged	Draft Field Boundary
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Habitat Cut: No**Site Condition:**

Prescription -clearcut
Specs:
 -leave 3-10% in area retention
 -protect GEM informational kiosk from damage in timber sale specifications

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

Acceptable -primarily a combination of aspen, oak, and/or red maple with other deciduous associates of medium to high stocking
Regen:

Other
Comment:

Proposed Start Date: 10/1 /2019



S t a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Approval Status
105	54019105-Cut	26.9	4130 - Aspen	Poletimber Well	53	81-110	Harvest	Clearcut with Retention	4130 - Aspen	Even-Aged	Draft Field Boundary

Habitat Cut: No**Site Condition:**Prescription -clearcut

Specs:
 -leave 3-10% in area retention (already excluded- see site conditions layer)
 -leave all rp and wp not to exceed 10 BA (should not need to mark)
 -leave all trees over 26 inches, if present
 -keep treatment line at least 100ft away from greasy creek and don't run paint line down drop-off/ridge to the south
 -include grouse timber sale specification per wildlife division

Next Step Monitoring, Natural Regen (Re-Inventory)Treatments:Acceptable -primarily aspen with other deciduous and conifer associates of medium to high stockingRegen:OtherComment:Proposed Start Date: 10/1 /2019

116	54019116-NF	3.3	3102 - Grass	Nonstocked		Unspec ified	NonForestMgt	Herbaceous/Crop /Grass Planting	310 - Herbaceous Openland		Draft Field Boundary
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Habitat Cut: No**Site Condition:**

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

Next StepTreatments:AcceptableRegen:OtherComment:Proposed Start Date: 10/1 /2019

117	54019117-NF	1.0	3104 - Degraded	Nonstocked	0	Unspec ified	NonForestMgt	Herbaceous/Crop /Grass Planting	310 - Herbaceous Openland		Draft Field Boundary
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Habitat Cut: No**Site Condition:**

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

Next StepTreatments:AcceptableRegen:OtherComment:Proposed Start Date: 10/1 /2019

121	54019121-NF	1.1	3104 - Degraded	Nonstocked	0	Unspec ified	NonForestMgt	Herbaceous/Crop /Grass Planting	310 - Herbaceous Openland		Draft Field Boundary
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Habitat Cut: No**Site Condition:**

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

Next StepTreatments:AcceptableRegen:OtherComment:Proposed Start Date: 10/1 /2019



S t a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Approval Status
122	54019122-NF	0.7	310 - Herbaceous Openland	Nonstocked		Unspec ified	NonForestMgt	Herbaceous/Crop /Grass Planting	310 - Herbaceous Openland		Draft Field Boundary

Habitat Cut: No**Site Condition:**

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

Next Step
Treatments:

Acceptable
Regen:

Other
Comment:

Proposed Start Date: 10/1 /2019

124	54019124-Cut	55.7	4130 - Aspen	Sawtimber Well	50	111- 140	Harvest	Clearcut with Retention	4130 - Aspen	Even-Aged	Draft Field Boundary
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Habitat Cut: No**Site Condition:**

Prescription -clearcut (partial stand harvest)
Specs: -leave 3-10% retention near M-33 south for visual concerns

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

Acceptable -primarily aspen and mixed northern hardwood species of medium to high stocking
Regen:

Other
Comment:

Proposed Start Date: 10/1 /2019

125	54019125-NF	1.0	310 - Herbaceous Openland	Nonstocked		Unspec ified	NonForestMgt	Herbaceous/Crop /Grass Planting	310 - Herbaceous Openland		Draft Field Boundary
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Habitat Cut: No**Site Condition:**

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

Next Step
Treatments:

Acceptable
Regen:

Other
Comment:

Proposed Start Date: 10/1 /2019

126	54019126-NF	1.0	310 - Herbaceous Openland	Nonstocked		Unspec ified	NonForestMgt	Herbaceous/Crop /Grass Planting	310 - Herbaceous Openland		Draft Field Boundary
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Habitat Cut: No**Site Condition:**

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

Next Step
Treatments:

Acceptable
Regen:

Other
Comment:

Proposed Start Date: 10/1 /2019



S t a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Approval Status
127	54019127-Cut	6.2	4111 - S.Maple, Hard Mast Association	Sawtimber Well	94	81-110	Harvest	Clearcut	4130 - Aspen	Even-Aged	Draft Field Boundary

Habitat Cut: No

Site Condition:

Prescription -clearcut
Specs:

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

Acceptable -primarily a combination of aspen, maple, oak, and other northern hardwoods
Regen:

Other
Comment:

Proposed Start Date: 10/1 /2019

135	54019135-Cut	4.0	4136 - Aspen, Mixed Conifer	Sawtimber Well	87	81-110	Harvest	Clearcut with Retention	4130 - Aspen	Even-Aged	Draft Field Boundary
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Habitat Cut: No

Site Condition: Survey Needed

Prescription -clearcut (partial stand harvest)
Specs:
-leave 3-10% in area retention (already excluded- see site conditions layer)
-leave all rp and wp not to exceed 10 BA (should not need to mark)
-leave all trees over 26 inches, if present

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

Acceptable -primarily aspen with other deciduous and conifer associates of medium to high stocking
Regen:

Other -survey corner to north found during inventory in road
Comment:

Proposed Start Date: 10/1 /2019

137	54019137-NF	1.0	3104 - Degraded	Nonstocked	0	Unspec ified	NonForestMgt	Herbaceous/Crop /Grass Planting	310 - Herbaceous Openland		Draft Field Boundary
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Habitat Cut: No

Site Condition:

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

Next Step
Treatments:

Acceptable
Regen:

Other
Comment:

Proposed Start Date: 10/1 /2019

138	54019138-NF	1.4	3104 - Degraded	Nonstocked	0	Unspec ified	NonForestMgt	Herbaceous/Crop /Grass Planting	310 - Herbaceous Openland		Draft Field Boundary
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Habitat Cut: No

Site Condition:

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

Next Step
Treatments:

Acceptable
Regen:

Other
Comment:

Proposed Start Date: 10/1 /2019



S t a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Approval Status
139	54019139-NF	0.9	310 - Herbaceous Openland	Nonstocked	0	Unspec ified	NonForestMgt	Herbaceous/Crop /Grass Planting	310 - Herbaceous Openland		Draft Field Boundary

Habitat Cut: No**Site Condition:**

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

Next Step
Treatments:

Acceptable
Regen:

Other
Comment:

Proposed Start Date: 10/1 /2019

141	54019141-NF	1.0	3104 - Degraded	Nonstocked	0	Unspec ified	NonForestMgt	Herbaceous/Crop /Grass Planting	310 - Herbaceous Openland		Draft Field Boundary
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Habitat Cut: No**Site Condition:**

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

Next Step
Treatments:

Acceptable
Regen:

Other
Comment:

Proposed Start Date: 10/1 /2019

142	54019142-NF	1.3	310 - Herbaceous Openland	Nonstocked	0	Unspec ified	NonForestMgt	Herbaceous/Crop /Grass Planting	310 - Herbaceous Openland		Draft Field Boundary
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Habitat Cut: No**Site Condition:**

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

Next Step
Treatments:

Acceptable
Regen:

Other
Comment:

Proposed Start Date: 10/1 /2019

**Total Treatment
Acreage Proposed: 505.0**

Report 4 – Site Conditions

Atlanta Mgt. Unit
Darrick Coy : Examiner

Compartment: 19
Year of Entry: 2020

Availability for Management

Total	Acres	Acres Avail	Acres
Acres	Available	<i>With Condition</i>	Not Available

Dominant Site Conditions

	Availability for Management			Dominant Site Conditions									
	Acres	Available	<i>With Condition</i>	2I	5B	5C	2A	2F	2G	3A	3J	5E	
1520	980	226	314	Aspen	42		184	16	5	3	1	115	175
58	3	0	55	Cedar	0					4		51	0
56	56	0	0	Herbaceous Openland	0							0	
3	3	0	0	Low-Density Trees		0				0			
30	19	3	8	Lowland Aspen/Balsam Poplar		3				7		0	1
32	0	0	32	Lowland Conifers				0		32			0
37	0	0	37	Lowland Deciduous						0		36	0
11	0	5	6	Lowland Mixed Forest		5				2		4	
5	5	0	0	Lowland Shrub									
21	14	0	7	Mixed Upland Deciduous				0				7	
97	96	0	1	Northern Hardwood			0						1
182	67	100	15	Oak	8	12	79		3	1			11
4	4	0	0	Red Pine									
11	11	0	0	Sand, Soil									
3	0	1	2	Upland Conifers		1				0	2	0	
9	0	9	0	Upland Mixed Forest		9							
38	34	1	3	Urban	0		1					0	3
2	0	1	1	White Pine			1			1			
2,118	1,293	346	480	Total Forested Acres	50	30	266	16	7	50	3	213	190
	61%	16%	23%	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	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments: This long term retention was from Sale No. 54-038-10-01; area retention for previous stands 76 and 98							
2	Unavailable	2F: Too steep	1	5E: Long-Term Retention	Unspecified	Unspecified	Unspecified
Comments: -area retention for stand 20							

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3	Unavailable	5E: Long-Term Retention	5	3J: Water quality / BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
Comments: -use this in 10 years as area retention for south half of stand 8-300ft offset for trout stream protection							
4	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	8	Unspecified	Unspecified	Unspecified	Unspecified
Comments: -300ft offset for trout stream protection							
5	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	19	Unspecified	Unspecified	Unspecified	Unspecified
Comments: -wet area of cedar							
6	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	12	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
7	Unavailable	5E: Long-Term Retention	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments: -area retention for stand 81							
8	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

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9	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	34	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
10	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments: area retention for stand 68							
11	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments: area retention for stand 115							
12	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments: area retention for previous aspen stand stand 119							
13	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments: -short distance protecting stream to the west							
14	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
15	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments: area retention for previous aspen stand 70							

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16	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments: area retention for stand 84							
17	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments: area retention for previous oak aspen stand 50							
18	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments: area retention for aspen stand 25							
19	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	35	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
20	Available	2I: Survey needed	8	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
21	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	12	Unspecified	Unspecified	Unspecified	Unspecified
Comments: -300ft offset for trout stream protection							
22	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	35	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments: -left at least 300ft for trout stream buffer							

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23	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	9	Unspecified	Unspecified	Unspecified	Unspecified
Comments: -protecting natural drainages and springs							
24	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	10		Unspecified	Unspecified	Unspecified
Comments:							
25	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
26	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
27	Unavailable	5E: Long-Term Retention	0	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
28	Unavailable	5E: Long-Term Retention	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments: This long term retention was from Sale No. 54-038-10-01; area retention for stand 110							
29	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments: This long term retention was from Sale No. 54-038-10-01; area retention for stand 87							

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30	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Retention from stand 97 for Sale No. 54-038-10-01, Sale Name: Two Shot Aspen; area retention for stand 97							
31	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Retention from stand 79 for Sale No. 54-038-10-01, Sale Name: Two Shot Aspen Since this is a thinning with a species removal, retention was required; area retention for stand 79							
32	Unavailable	2A: Adjacent landowner denied access	16	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
33	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments: -saturated soils in a pocket to the north							
34	Unavailable	5E: Long-Term Retention	1	3J: Water quality / BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
Comments: -area retention for stand 11							
35	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	8	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

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36	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
37	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	8	Unspecified	Unspecified	Unspecified	Unspecified
Comments: -300ft offset for trout stream protection							
38	Available	5B: Maintain for regeneration purposes	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments: -small area that is protecting small pockets of cedar							
39	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	16	3J: Water quality / BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
Comments:							
40	Available	5B: Maintain for regeneration purposes	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
41	Unavailable	3A: Conservation Values incompatible with harvest at this time	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments: -legacy white pines in the middle of the stand preventing harvest							

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42	Unavailable	3A: Conservation Values incompatible with harvest at this time	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments: -legacy pines +40 inch							
43	Available	5B: Maintain for regeneration purposes	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
44	Unavailable	3A: Conservation Values incompatible with harvest at this time	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments: -cluster of legacy pines north of powerline next to private structure							
45	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	0	3A: Conservation Values incompatible with harvest at this time	Unspecified	Unspecified	Unspecified
Comments: -legacy pines and stream protection							
46	Unavailable	5E: Long-Term Retention	4	3J: Water quality / BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
Comments: -use this in 10 years as area retention for south half of stand 8-300ft offset for trout stream protection							
47	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	10	Unspecified	Unspecified	Unspecified	Unspecified
Comments: -likely a spring within this area, could not locate it							

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48	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	5	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	Unspecified	Unspecified	Unspecified
Comments: -left at least 300ft for trout stream buffer							
49	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	1	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments: -drainage with wet soils							
50	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
51	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments: -300ft offset for trout stream protection							
52	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments: -300ft offset for trout stream protection							
53	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments: -300ft offset for trout stream protection							

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54	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	8	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments: -protecting natural drainages and springs							
55	Unavailable	5E: Long-Term Retention	2	3J: Water quality / BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
Comments: -area retention for stand 4 -300ft offset for trout stream protection							
56	Unavailable	5E: Long-Term Retention	2	3J: Water quality / BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
Comments: -area retention for stand 4 -300ft offset for trout stream protection							
57	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments: -300ft offset for trout stream protection							
58	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
59	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments: -area retention for stand 5							

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60	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	43	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
61	Unavailable	5E: Long-Term Retention	0	3J: Water quality / BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
Comments: -area retention for stand 135 -area of 100ft left to protect Gilchrist tributary to the east							
62	Unavailable	5E: Long-Term Retention	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments: -area retention for stands 19 and 22							
63	Unavailable	2F: Too steep	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
64	Unavailable	5E: Long-Term Retention	3	3J: Water quality / BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
Comments: -use this in 10 years as area retention for south half of stand 8-300ft offset for trout stream protection							
65	Available	2I: Survey needed	37	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

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66	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	1	3A: Conservation Values incompatible with harvest at this time	Unspecified	Unspecified	Unspecified
Comments: -mostly hemlock with some cedar							
67	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments: -area retention for stand 36							
68	Available	5B: Maintain for regeneration purposes	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments: young spruce fir coming in, aspen is significantly rotten and mostly fallen out of stand here							
69	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments: -area retention for stand 37, previous RX references retention left in this stand							
70	Available	5B: Maintain for regeneration purposes	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
71	Unavailable	2F: Too steep	2	5E: Long-Term Retention	Unspecified	Unspecified	Unspecified
Comments:							
72	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments: -area retention for stand 105							

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73	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments: area retention for stand 71							
74	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
75	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
76	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	12	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
77	Unavailable	2F: Too steep	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
78	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	8	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

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79	Available	5B: Maintain for regeneration purposes	9	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
80	Available	5B: Maintain for regeneration purposes	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
81	Available	5B: Maintain for regeneration purposes	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments: -significant amount of advanced wp has established in a moderately occupied oak canopy							
82	Available	5B: Maintain for regeneration purposes	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
83	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments: -area retention for stand 21							
84	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	39	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
85	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments: -area retention for stand 63							

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86	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	0	3J: Water quality / BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
Comments: -saturated lowland shrub pocket with stagnant sapling trees							
87	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	24	5B: Maintain for regeneration purposes	Unspecified	Unspecified	Unspecified
Comments:							
90	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
91	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	11	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
92	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	14	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

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93	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	11	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
94	Unavailable	5E: Long-Term Retention	3	3J: Water quality / BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
Comments: -use this in 10 years as area retention for south half of stand 8-300ft offset for trout stream protection							
95	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
96	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	13	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
97	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
98	Unavailable	5E: Long-Term Retention	2	3J: Water quality / BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
Comments: -use this in 10 years as area retention for south half of stand 8-300ft offset for trout stream protection							

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99	Unavailable	5E: Long-Term Retention	2	3J: Water quality / BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
Comments: -use this in 10 years as area retention for south half of stand 8-300ft offset for trout stream protection							
100	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments: -area retention for stand 58							
101	Available	2I: Survey needed	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
113	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	0	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

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Compartment: #Type!

Year of Entry:



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

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

SCA Name	SCA Category	Detail Type	Recommendation	Acres
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Comments

**Report 6 – EXISTING SPECIAL CONSERVATION AREA DETAILS**

* This is a list of SCA's for this compartment along with a 1/4 mile buffer surrounding the compartment. Refer to the Special Conservation Area Map for locations of the below listed Conservation Areas.

ERA = Ecological Reference Area
 HCVA = High Conservation Value Area
 SCA = Special Conservation Area

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



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
2	6120 - Lowland Cedar	Sawtimber Well	16.6	106	111-140	Small fingers of cedar and swamp. Some springs that flow towards Gilchrist Creek; not as wet as most other cedar stands in areas away from springs and narrow stream; dead cedar and spring in south end
4	4130 - Aspen	Poletimber Well	64.1	48	81-110	-mixed shrubs in understory -good grouse stand
5	4112 - Maple, Beech, Cherry Association	Poletimber Medium	21.2	48	1-50	-20-40ba, mostly black cherry -seldom find cherry stands of this size and containing amount of edge present
8	4130 - Aspen	Poletimber Well	100.2	48	81-110	-wp, oak, spruce, and rp were previously not cut
9	6120 - Lowland Cedar	Sawtimber Well	10.1	101	171-200	-low ground, but very nice cedar. Good wildlife habitat.
10	6118 - Lowland Deciduous with Cedar	Sawtimber Well	36.5	91	81-110	Greasy Creek & Gilchrist Creek Corridor. Finger on West is Cedar on hillside with springs.
11	6112 - Lowland Aspen	Sapling Well	13.7	5	Immature	-past treatment- clearcut -acres treated- 15 -completion date- 4/10/13 -sale number- 54-052-11-01 -leave trees- oak, wp, cedar, rp -volume (cbs)- 133 qa, 2 rm, 7 bf, 14 ws
12	6112 - Lowland Aspen	Sawtimber Medium	10.9	78	51-80	-scattered log aspen with high black ash in subcanopy; wet stand; high sedges cover throughout
14	4130 - Aspen	Poletimber Well	0.9	45	81-110	
17	429 - Mixed Upland Conifers	Sawtimber Well	3.3	83	81-110	-legacy wp
18	6132 - Mixed Lowland Forest with Cedar	Sawtimber Medium	10.9	77	51-80	
19	4123 - Red Oak	Sawtimber Medium	16.3	84	51-80	-med-low oak site, vha, more natural wp and hybrid oak
20	4123 - Red Oak	Sawtimber Well	9.2	95	141-170	-no past cutting done according to records or from field observations; medium-high to high site quality (vrb+) oak, 3-5 log average
21	4123 - Red Oak	Sawtimber Poor	12.7	101	1-50	-past treatment- shelterwood, cut all aspen and rm and orange painted oak -acres treated- 14 -completion date- 10/31/11 -sale number- 54-019-10-01 -leave trees- all unmarked oak -volume (cbs)- 73 ro, 50 rm, 29 bta; heavy browse on rm



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
22	4123 - Red Oak	Sawtimber Poor	26.9	97	1-50	med to med-low site; wp to western 1/3rd of stand -past treatment- shelterwood, cut all aspen and rm and orange painted oak-acres treated- 26-completion date- 4/1/13-sale number- 54-019-10-01-leave trees- all unmarked oak-volume (cgs)- 195 ro, 46 bta, 53 rm
25	4130 - Aspen	Sapling Well	86.5	3	1-50	-stand was shortwood and forward, no top chipping or chipping occurred -past treatment- clearcut -acres treated- 37 -completion date- 9/22/14 -sale number- 54-021-11-01 -leave trees- oak, cedar, ws, wp, rp, and beech -volume (cgs)- 87 mhwd, 491 aspen
26	4139 - Aspen, Mixed Deciduous	Sapling Medium	11.4	6	Immature	-past treatment- clearcut-acres treated- 10-completion date- 12/15/11-sale number- 54-019-10-01-leave trees- green painted trees-volume (cgs)- 200 ro, 68 bta, 49 rm
27	4130 - Aspen	Sapling Well	4.3	30	Immature	-past treatment- clearcut -acres treated- 2.5 -completion date- 9/29/86 -sale number- 54-042-86-01 -leave trees- none or -past treatment- clearcut -acres treated- 30.4 (in part- stands 107, 52, 46, 64) -completion date- 11/01/90 -sale number- 54-007-90-01 -leave trees- none -cut volume (cgs)- 382 aspen, 314 ro, 74 rm (in part)
28	4130 - Aspen	Sapling Well	30.4	5	Immature	-past treatment- clearcut, cut during leaf-off mostly -acres treated- 29 -completion date- 4/1-8/26/13 -sale number- 54-052-11-01 -leave trees- oak, wp, cedar, rp -volume (cgs)- 465 ma, 97 rm, 2 bf
29	4123 - Red Oak	Sawtimber Medium	4.3	85	51-80	-med-low red oak site; -past treatment- clearcut-acres treated- 5-completion date- 5/20/13-sale number- 54-019-10-01-leave trees- all oak-volume (cgs)- 73 bta, 49 rm
30	4130 - Aspen	Poletimber Well	68.9	44	51-80	-a 3-4 acre inclusion of 75 year old aspen is located within the SE corner
31	42360 - Upland Cedar	Sawtimber Well	22.0	106	141-170	high priority trout stream Greasy Creek in stand
32	4130 - Aspen	Poletimber Well	11.1	38	51-80	-completion date- 4/23/80-sale number- 84-79-leave trees- 1 oak per acre-cut volume (cgs)- 215 ro, 12 mhwd, 250 aspen (in part)
33	4131 - Aspen, Oak	Poletimber Well	19.1	44	81-110	-significant area of oak that successfully regenerated through clearcutting to the north



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
34	4130 - Aspen	Sapling Medium	12.4	7	Immature	-parts of original stand heavier to oak are mostly rm with some oak; past treatment- clearcut-acres treated- 12-completion date- 6/9/11-sale number- 54-019-10-01-leave trees- green trees-volume (cds)- 171 ro, 192 bta, 25 rm
36	4130 - Aspen	Sapling Well	21.2	6	1-50	-past treatment- clearcut-acres treated- 20-completion date- 5/25/12-sale number- 54-019-10-01-leave trees- green trees-volume (cds)- 370 ro, 223 bta, 35 rm
37	4130 - Aspen	Sapling Well	20.4	6	Immature	-past treatment- clearcut -acres treated- 20 -completion date- 10/3/11 -sale number- 54-019-10-01 -leave trees- green trees and no rp or wp -volume (cds)- 152 ro, 540 bta, 38 rm
38	4199 - Other Mixed Upland Deciduous	Poletimber Well	12.5	44	51-80	-contains a historically permitted gravel pit; some oak was left and cut; poor terrain/steep in south 1/3rd; more beech in north half
39	4130 - Aspen	Poletimber Well	13.8	27	51-80	-past treatment- clearcut -acres treated- 38.1 (in part- stands 104, 102, 61, 39, 80, 120) -completion date- 02/15/91 -sale number- 54-008-90-01 -cut volume (cds)- 543 aspen, 150 mhwd, 111 ro, 31 pine, 96 msw (in part)
40	4130 - Aspen	Sapling Well	7.1	33	1-50	-past treatment- clearcut -acres treated- 15 (in part- stands 40, 78, and 136) -completion date- 6/11/86 -sale number- 54-011-85-01 -leave trees- some oak and wp -cut volume (cds)- 130 aspen, 49 ro, 70 mhwd, 14 mswd, 15 nwc (in part- stands 40, 78, and 136)
41	4199 - Other Mixed Upland Deciduous	Poletimber Well	8.5	38	51-80	-greater oak occurrences on top of hills where aspen is less vigorous -a portions to the north and south leg were added as an inclusions, 38 yrs old -some small log oak mixed in, large oak saplings must have been left from last cut
44	4130 - Aspen	Poletimber Well	4.5	27	51-80	
45	4130 - Aspen	Poletimber Well	4.9	41	51-80	oak were left; wp coming in under large oak
46	4131 - Aspen, Oak	Poletimber Well	10.0	37	81-110	-steep but operable slopes in south end; larger than normal size diameters for age, checked with borer; SE corner of stand is 10 yrs younger but it isn't 5 acres in size. -past treatment- clearcut -acres treated- 10 -completion date- 8/7/81 -sale number- 73-80 -leave trees- -cut volume (cds)- 74 aspen, 126 ro, 20 rm



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
48	4130 - Aspen	Poletimber Well	11.0	32	51-80	-past treatment- clearcut -acres treated- 19 (in part-stands 48 and 72) -completion date- 4/21-86 -sale number- 54-030-85-01 -leave trees- blue painted trees -cut volume (cds)- 292 aspen, 228 ro, 37 rm (in part-stands 48 and 72)
49	4123 - Red Oak	Sawtimber Medium	25.6	88	51-80	-north half- medium to medium-low site quality -steep slopes on west and north end of stand -south half- thinned in 2000 -medium site quality -past treatment- spec removal (all aspen and rm) -acres treated- 37 (in part- stands 63 and 68) -completion date- 1/3/02 -sale number- 54-036-00-01 -leave trees- pine, oak, and green trees -cut volume (cds)- 144 rm, 825 aspen (in part- stands 63 and 68)
51	4123 - Red Oak	Sawtimber Well	15.2	96	81-110	-SE corner 3-5 acres has adv wp regeneration; steep to NE but all seems workable
52	4130 - Aspen	Sapling Well	8.1	27	51-80	-past treatment- clearcut -acres treated- 30.4 (in part- stands 107, 52, 46, 64) -completion date- 11/01/90 -sale number- 54-007-90-01 -leave trees- none -cut volume (cds)- 382 aspen, 314 ro, 74 rm (in part)
53	4130 - Aspen	Sapling Well	6.5	6	Immature	-past treatment- clearcut-acres treated- 6-completion date- 4/16/12-sale number- 54-019-10-01-leave trees- green trees-volume (cds)- 173 ro, 119 bta, 16 rm
54	4130 - Aspen	Poletimber Well	21.9	50	81-110	
56	4130 - Aspen	Sapling Well	8.7	6	Immature	-past treatment- clearcut -acres treated- 9 -completion date- 3/28/12 -sale number- 54-019-10-01 -leave trees- green trees and no rp or wp -volume (cds)- 273 ro, 102 bta, 13 rm
57	4130 - Aspen	Sapling Well	7.7	30	51-80	
58	4130 - Aspen	Poletimber Well	34.7	43	81-110	
60	4131 - Aspen, Oak	Poletimber Well	26.8	44	81-110	-greater oak occurrences on top of hills where aspen is less vigorous; a portions to the north and south leg were added as an inclusions, 38 yrs old
61	4130 - Aspen	Poletimber Well	4.5	27	51-80	-past treatment- clearcut-acres treated- 38.1 (in part- stands 104, 102, 61, 39, 80, 120)-completion date- 02/15/91-sale number- 54-008-90-01-cut volume (cds)- 543 aspen, 150 mhwd, 111 ro, 31 pine, 96 msw (in part)



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
63	4130 - Aspen	Poletimber Well	23.0	65	81-110	-wp, oak, spruce, and rp were previously not cut
64	4130 - Aspen	Sapling Well	4.5	27	51-80	-past treatment- clearcut-acres treated- 30.4 (in part- stands 107, 52, 46, 64)-completion date- 11/01/90-sale number- 54-007-90-01-leave trees- none-cut volume (cds)- 382 aspen, 314 ro, 74 rm (in part)
65	4130 - Aspen	Poletimber Well	12.7	31	51-80	-past treatment- clearcut-acres treated- 13-completion date- 8/19/87-sale number- 54-051-86-01-leave trees- oak with green paint-cut volume (cds)- 125 mhwd, 71 aspen, 49 ro, 79 pb, and 39 bsw
66	4131 - Aspen, Oak	Poletimber Well	9.2	38	51-80	-past treatment- clearcut-acres treated- 31 (in part)- completion date- 4/23/80-sale number- 84-79-leave trees- 1 oak per acre-cut volume (cds)- 215 ro, 12 mhwd, 250 aspen (in part)
68	4123 - Red Oak	Sawtimber Medium	19.2	95	51-80	-vrb site quality; BA is around 60-80-past treatment- spec removal (all aspen and rm)-acres treated- 37 (in part- stands 63 and 68)-completion date- 1/3/02-sale number- 54-036-00-01-leave trees- pine, oak, and green trees-cut volume (cds)- 144 rm, 825 aspen (in part- stands 63 and 68)
69	4130 - Aspen	Poletimber Well	17.9	35	81-110	-merged the 2 areas, north portion is 37 years and south is 32 years old
70	4131 - Aspen, Oak	Sapling Well	4.7	27	51-80	-past treatment- clearcut -acres treated- 30.4 (in part- stands 107, 52, 46, 64) -completion date- 11/01/90 -sale number- 54-007-90-01 -leave trees- none -cut volume (cds)- 382 aspen, 314 ro, 74 rm (in part)
71	4130 - Aspen	Sapling Well	26.8	7	Immature	-past treatment- clearcut-acres treated- 24-completion date- 4/28/11-sale number- 54-019-10-01-leave trees- green trees-volume (cds)- 398 ro, 295 bta, 99 rm, rp 2
73	4130 - Aspen	Poletimber Well	7.4	28	51-80	-past treatment- clearcut -acres treated- 14 (in part- stands 149 and 73) -completion date- 03/13/89 -sale number- 54-021-88-01 -leave trees- none -cut volume (cds)- 103 aspen, 200 ro, 56 rm (in part)
74	4130 - Aspen	Sapling Well	11.0	7	Immature	-past treatment- clearcut-acres treated- 11-completion date- 5/31/11-sale number- 54-019-10-01-leave trees- green trees and no rp or wp-volume (cds)- 200 ro, 272 bta, 45 rm
76	4139 - Aspen, Mixed Deciduous	Sapling Well	65.8	4	1-50	-past treatment- clearcut -acres treated- 62 (stands 76 & 98) -completion date- 6/17/14 -sale number- 54-038-10-01 -leave trees- rp, wp and green trees -volume (cds)- 336 rm, 718 oak, 510 aspen, 3 fir



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
77	4130 - Aspen	Sapling Well	17.7	5	Immature	-past treatment- clearcut -acres treated- 18 -completion date- 5/20/13 -sale number- 54-019-10-01 -leave trees- green trees and no rp or wp -volume (cgs)- 210 ro, 255 bta, 6 rm
78	4130 - Aspen	Poletimber Well	5.8	32	51-80	-past treatment- clearcut -acres treated- 15 (in part- stands 40, 78, and 136) -completion date- 6/11/86 -sale number- 54-011-85-01 -leave trees- some oak -cut volume (cgs)- 130 aspen, 49 ro, 70 mhwd, 14 mswd, 15 nwc (in part- stands 40, 78, and 136); west 1/3rd along Pvt is wet; survey corner is along south side of road to the north
79	4123 - Red Oak	Sawtimber Well	9.1	89	81-110	south end has steep slopes-past treatment- crown thinning, all rm and aspen and orange trees-acres treated- 8-completion date- 6/17/14-sale number- 54-038-10-01-leave trees- unmarked trees-volume (cgs)- 37 rm, 58 ro, 70 aspen
80	4130 - Aspen	Poletimber Well	14.5	41	51-80	-past treatment- clearcut -acres treated- 38.1 (in part- stands 104, 103, 61, 39, 80, 120) -completion date- 02/15/91 -sale number- 54-008-90-01 -cut volume (cgs)- 543 aspen, 150 mhwd, 111 ro, 31 pine, 96 msw (in part)
81	4123 - Red Oak	Sawtimber Well	27.7	90	81-110	-med-high quality (vwb+) red oak with n hardwood -better north of road with understory pole sugar maple mix, 3-5 log average -old pine stumps found throughout -pocket of healthy hemlock in n tip; south half is lower site with high ironwood subcanopy; past treatment- selection- all oak, ash, aspen, and basswood marked with yellow paint -acres treated- 10 acres -completion date- 1/23/80 -sale number- 66-79 -leave trees- residual not listed -cut volume (cgs)- 9.2 mbf oak, .1 mbf ash, 3.3 mbf aspen, .84 mbf basswood
83	4130 - Aspen	Sapling Well	4.8	30	1-50	
84	4130 - Aspen	Poletimber Well	40.0	45	81-110	
85	4130 - Aspen	Poletimber Well	138.8	48	81-110	-wp, oak, spruce, and rp were previously not cut
87	4130 - Aspen	Sapling Well	22.9	4	1-50	-sw quarter of stand is 10 years older, was cut with stand 88 (all rm and aspen cut)-past treatment- clearcut-acres treated- 20-completion date- 6/17/14-sale number- 54-038-10-01-leave trees- oak, rp, or wp-volume (cgs)- 104 rm, 341 aspen



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
88	4123 - Red Oak	Sawtimber Medium	5.3	97	51-80	-past treatment- spec removal (all aspen and rm) -acres treated- 15 (in part- stands 88 and 101) -completion date- 11/5/03 -sale number- 54-025-01-01 -leave trees- pine, oak, other hardwood, and green trees -cut volume (cds)- 55 rm, 250 aspen (in part- stands 88 and 101)
90	4130 - Aspen	Sapling Well	6.1	28	1-50	-past treatment- clearcut -acres treated- 12 (in part- stands 118, 103, 90) -completion date- 02/09/88 -sale number- 54-056-86-01 -cut volume (cds)- 37 aspen, 77 ro, 45 jp(in part)
91	6120 - Lowland Cedar	Sawtimber Well	2.6	115	141-170	
94	4130 - Aspen	Poletimber Well	12.9	35	51-80	-primarily bigtooth and oak in N, aspen with wp in SE and SW-averaged the 3 ages, which were very similar, from these 3 small aspen stands
95	4123 - Red Oak	Sawtimber Well	7.7	91	81-110	-vha oak site; lower end red oak with hybrid oak; crown width and mast is variable; rm coverage is 30-40%
96	4130 - Aspen	Poletimber Well	6.5	34	81-110	-north is 39 yrs, s is 29 yrs, averaged the 2-1/30/79 10 acre FTP completion record for cutting all species over 2 inches with a chainsaw done by contract workers
97	4139 - Aspen, Mixed Deciduous	Sapling Well	16.0	4	Immature	-past treatment- clearcut -acres treated- 12 -completion date- 6/17/14 -sale number- 54-038-10-01 -leave trees- green trees, all rp and wp -volume (cds)- 32 rm, 131 aspen, 232 red oak; a lot of rm regen; hilly terrain; more oak regeneration in south half
99	4130 - Aspen	Poletimber Well	17.7	27	51-80	-past treatment- clearcut -acres treated- 30.4 (in part- stands 107, 52, 46, 64) -completion date- 11/01/90 -sale number- 54-007-90-01 -leave trees- none -cut volume (cds)- 382 aspen, 314 ro, 74 rm (in part)
100	4130 - Aspen	Sapling Well	3.8	4	Immature	-past treatment- clearcut -acres treated- 4 -completion date- 6/17/14 -sale number- 54-038-10-01 -leave trees- rp, wp and green trees -volume (cds)- 26 rm, 17 oak, 78 aspen
101	4310 - Pine, Oak Mix	Sawtimber Medium	8.8	92	51-80	-mixed ages, heights, and diameters in wp overstory; -20-30% adv wp coverage; stand was species thinned in 2004.-past treatment- spec removal (all aspen and rm)-acres treated- 15 (in part- stands 88 and 101)-completion date- 11/5/03-sale number- 54-025-01-01-leave trees- pine, oak, other hardwood, and green trees-cut volume (cds)- 55 rm, 250 aspen (in part- stands 88 and 101)



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
102	42200 - Natural White Pine	Sawtimber Well	1.9	97	81-110	-wet soils
103	4131 - Aspen, Oak	Sapling Well	4.8	29	51-80	-past treatment- clearcut-acres treated- 12 (in part- stands 118, 103, 90)-completion date- 02/09/88-sale number- 54-056-86-01 -cut volume (cds)- 37 aspen, 77 ro, 45 jp(in part); hilly terrain; fair amount of oak regen; lower end site quality red oak
104	4130 - Aspen	Poletimber Well	17.2	29	51-80	-averaged the ages from 3 different cuts that occurred within 5 years, NE 1/3rd was cut 30 years ago, middle was cut 27 years ago, and west was cut 30 years ago -past landing is an open area off McIntire Rd -past treatment- clearcut -acres treated- 38.1 (in part- stands 104, 102, 61, 39, 80, 120) -completion date- 02/15/91 -sale number- 54-008-90-01 -cut volume (cds)- 543 aspen, 150 mhwd, 111 rm
105	4130 - Aspen	Poletimber Well	30.5	53	81-110	-east of rd aspen is 55 yrs and primarily quaking aspen with heavy understory fir with little to no oak in canopy, west of Rd is 50 yrs, merged into 53 yr average stand
108	4130 - Aspen	Poletimber Well	30.7	47	81-110	-1973 FTP record for cutting all trees within an 8 acre area- no completion record, assume slightly younger ; appears that the oak were left during last cut
109	4130 - Aspen	Poletimber Well	9.5	44	81-110	
110	4130 - Aspen	Sapling Well	41.2	4	1-50	-past treatment- clearcut-acres treated- 39-completion date- 6/17/14-sale number- 54-038-10-01-leave trees- rp, wp and green trees-volume (cds)- 106 rm, 71 oak, 645 aspen, 26 bf; most oak is not free to grow
111	4130 - Aspen	Sapling Well	6.5	5	Immature	-past treatment- clearcut-acres treated- 6-completion date- 5/20/13-sale number- 54-019-10-01-leave trees- green trees and no rp or wp-volume (cds)- 23 oak, 138 bta, 17 rm, 8 jp
113	4130 - Aspen	Sawtimber Well	15.6	86	81-110	Scattered Oak & Pine. Pockets of low ground. Access through PVT or cross creek. -was sold in a large sale in 2012 -not cut, multiple private landowners denied access to use road to the south -producer lost 10% and treatment was terminated
114	6129 - Mixed Coniferous Lowland Forest	Sawtimber Well	17.2	96	111-140	small stream in stand, pockets of slowdown; east half more of a cedar stand; west half more spruce fir



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
115	4130 - Aspen	Sapling Well	101.1	5	Immature	-two aspen stands were merged, one was previously coded as lowland and the other was coded as upland-due to coding issues stand will be for lowland objective, change stand to upland once regeneration is inventoried and monitoring is closed out.-past treatment- clearcut-acres treated- 99 (stands 115 & 119)-completion date- 6/16/13-sale number- 54-020-11-01-leave trees- elm, oak, beech, wp, rp, hemlock, cherry-volume (cds)- 200 rm, 1085 aspen, 217 bf, 28 sm, 9 wa, 3 pb
118	4131 - Aspen, Oak	Sapling Well	9.0	21	1-50	north 1/2 is n pin oak & jp; aspen un s 1/2; past treatment- clearcut-acres treated- 12 (in part- stands 118, 103, 90)- completion date- 02/09/88-sale number- 54-056-86-01-cut volume (cds)- 37 aspen, 77 oak, 45 jp(in part)
120	6112 - Lowland Aspen	Sapling Well	5.5	27	1-50	-past treatment- clearcut -acres treated- 38.1 (in part- stands 104, 103, 61, 39, 80, 120) -completion date- 02/15/91 -sale number- 54-008-90-01 -cut volume (cds)- 543 aspen, 150 mhwd, 111 ro, 31 pine, 96 msw (in part)
124	4130 - Aspen	Sawtimber Well	98.1	50	111-140	Scattered WP, Balsam, Ash & Red Maple.
127	4111 - S.Maple, Hard Mast Association	Sawtimber Well	75.6	94	81-110	-90 BA, put in 22 qd points, see compartment folder for qd info- N hardwood high in 12-14 inch class which is commonly seen- 2x more oak in north half vs south-past treatment- thinning, cut orange trees only-acres treated- 64-completion date- 7/7/04-sale number- 54-010-01-01-leave trees- no residual documented-cut volume (cds)- mix of aspen, oak, and nhwd removed-contract marked
128	42111 - Planted Red Pine, Mixed Deciduous	Sapling Medium	3.7	15	Immature	-multiple past use permits in reference to hay harvesting -no planting record on file
129	4123 - Red Oak	Sawtimber Well	2.7	93	81-110	-only cut aspen out of this area previously
133	4130 - Aspen	Poletimber Well	16.2	52	81-110	-area left out of adjacent cc due to ~300ft trout stream buffering
135	4136 - Aspen, Mixed Conifer	Sawtimber Well	19.0	87	81-110	some areas of low-ground; borders Pvt and stream that is 2-3ft wide
136	4139 - Aspen, Mixed Deciduous	Poletimber Well	4.0	32	51-80	-past treatment- clearcut -acres treated- 15 (in part- stands 40, 78, and 136) -completion date- 6/11/86 -sale number- 54-011-85-01 -leave trees- some oak -cut volume (cds)- 130 aspen, 49 ro, 70 mhwd, 14 mswd, 15 nwc (in part- stands 40, 78, and 136)
143	6120 - Lowland Cedar	Sawtimber Well	6.2	103	141-170	Low ground, headwaters of small stream that flows north; high feather moss coverage; hummocky but not extremely wet

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Atlanta Mgt. Unit

Report 7 – Forested Stands

Compartment: 19
Year of Entry: 2020



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
144	6129 - Mixed Coniferous Lowland Forest	Sawtimber Medium	15.2	117	81-110	-1-3ft wide stream in stand, pockets of blowdown; weak cedar crowns in various areas; in process of converting to spruce fir, young saps coming in
150	4130 - Aspen	Poletimber Well	4.8	27	51-80	-past treatment- clearcut -completion date- 02/15/91 -sale number- 54-008-90-01



Stand	Cover Type	Acres	Managed Site	General Comments:
1	310 - Herbaceous Openland	1.0	No	-disked, seeded to clover and buckwheat, and fertilized FTP completion record 1981 -not recently managed, no open established access route
3	3102 - Grass	12.2	Yes	
6	310 - Herbaceous Openland	4.4	Yes	-disked, seeded to clover and buckwheat, and fertilized FTP completion record 1981 -not recently managed, no open established access route
7	3102 - Grass	2.7	No	-not recently managed, no open established access route
13	3102 - Grass	2.0	No	-not recently managed, no open established access route
15	3303 - Mixed Low Density Trees	0.9	No	-scattered qa and wp
16	310 - Herbaceous Openland	2.0	No	-disked, seeded to clover and buckwheat, and fertilized FTP completion record 1981 -not recently managed, no open established access route
23	3102 - Grass	1.1	No	
24	3102 - Grass	5.2	Yes	-multiple past use permits in reference to hay harvesting -filling in slowly with mixed conifers and deciduous saplings
35	710 - Sand, Soil	11.5	No	-mineral pit with mostly pit run gravel taken
42	3102 - Grass	1.8	No	
43	3104 - Degraded	1.0	No	
47	3104 - Degraded	0.9	No	
50	3301 - Low Density Deciduous Tree	1.6	No	-old opening that was used as a landing for the surrounding clearcut
55	310 - Herbaceous Openland	1.5	No	
59	3104 - Degraded	1.0	No	
62	3102 - Grass	1.2	No	-gas well pad



Stand	Cover Type	Acres	Managed Site	General Comments:
67	3102 - Grass	1.2	No	-gas well pad
86	3102 - Grass	1.1	No	-gas well pad
89	3104 - Degraded	1.1	No	
93	3102 - Grass	0.9	No	-gas well pad
112	122 - Road/Parking Lot	38.3	No	
116	3102 - Grass	3.3	No	
117	3104 - Degraded	1.0	No	
119	622 - Lowland Shrub	1.4	No	
121	3104 - Degraded	1.1	No	This an oil well. A remote coverytype call of grass was made.
122	310 - Herbaceous Openland	0.7	No	
123	622 - Lowland Shrub	1.0	No	
125	310 - Herbaceous Openland	1.0	No	gas well pad
126	310 - Herbaceous Openland	1.0	No	gas well pad
134	622 - Lowland Shrub	0.9	No	
137	3104 - Degraded	1.0	No	
138	3104 - Degraded	1.4	No	-disked, seeded to clover and buckwheat, and fertilized FTP completion record 1981
139	310 - Herbaceous Openland	0.9	No	
141	3104 - Degraded	1.0	No	Could do a shelterwood cut.



Stand	Cover Type	Acres	Managed Site	General Comments:
142	310 - Herbaceous Openland	1.3	No	gas well pad
145	622 - Lowland Shrub	0.9	No	
147	622 - Lowland Shrub	1.1	No	