



Compartment Review Presentation

Atlanta Forest Management Unit

Compartment 54071

Entry Year 2017

Acreage: 1,379

County Montmorency

Management Area: Thunder Bay Outwash

Revision Date: 2015-06-18

Stand Examiner: Darrick Coy

Legal Description:

T32N, R3E, Sec. 19, 20 & 21

Identified Planning Goals:

To provide for the protection, integrated management and responsible use of a healthy, productive, and undiminished forest resource base for the social, recreational, environmental, and economic benefit of the State of Michigan. Harvests prescribed will help balance the age classes of aspen and promote forest health within northern hardwood cover types through salvaging beech from stands infected with beech scale.

Soil and topography:

Topography is flat to mildly rolling. Upland soils are predominantly loamy sands, especially Millersburg. Lowlands are various mucks. The LTA map shows this as a drumlin field— $\frac{1}{2}$ upland, $\frac{1}{2}$ wetland.

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

Adjacent land is mostly other state land. There are a few hunting and seasonal residential properties around the compartment and Rush Lake. The Jones subdivision sits in the middle of the compartment within section 20.

Unique Natural Features:

No known records exist.

Archeological, Historical, and Cultural Features:

No known records exist.

Special Management Designations or Considerations:

Activities must follow Best Management Practice (BMP) guidelines when conducted within the areas that are significantly wet and/or adjacent to the North Branch Thunder Bay River and Rush Lake.

Watershed and Fisheries Considerations:

Rush Lake and the North Branch of the Thunder Bay River are found in this compartment. Rush Lake currently has a healthy panfish, largemouth bass, and northern pike population.

Wildlife Habitat Considerations:

The primary focus of wildlife habitat management will be to address the habitat requirements identified for the listed featured species found in this compartment. These species include ruffed grouse, black bear, and white-tailed deer. Based on the selected featured species, some of the most significant wildlife management issues in the management area are the maintenance of young forest, the retention of large, over-mature trees and snags and the maintenance and expansion of hard mast and mesic conifer components.

Mineral Resource and Development Concerns and/or Restrictions

Surface sediments consist of coarse-textured glacial till and lacustrine sand and gravel. The glacial drift thickness varies between 200 and 400 feet. Beneath the glacial drift is the Devonian Antrim Shale and Traverse Formation. The Antrim is quarried for cement products and the Traverse for limestone. Gravel pits are not located in the area, but potential is good. The compartment has an older Niagaran well drilled just to the north, a dry hole. This area has very limited potential for the Antrim Shale. There are no oil and gas leases in the compartment.

Vehicle Access:

Fair access. Many forest roads are seasonally wet, partially closed, or are flooded.

Survey Needs:

Section 21

Recreational Facilities and Opportunities:

The area is primarily used for hunting and fishing.

Fire Protection:

This compartment is located in the protection area of the Atlanta DNR and the Hillman Fire Department. Hillman Fire department would most likely be last on scene of any fire in the area due to their distance from the area. The Atlanta DNR has mutual aid agreements with Hillman Fire Department and also supplies them with GSA 6x6 fire unit. Fires in this area have a low potential to becoming very large due to the lowland areas. There have not been the frequency of human caused fire here as near some other subdivisions.

Additional Compartment Information:

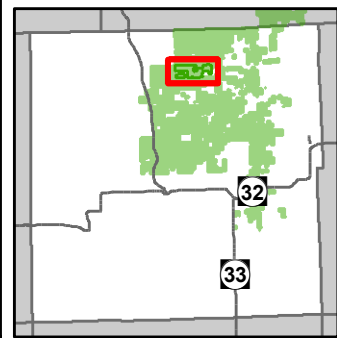
The following reports from the Inventory are attached:

- 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:

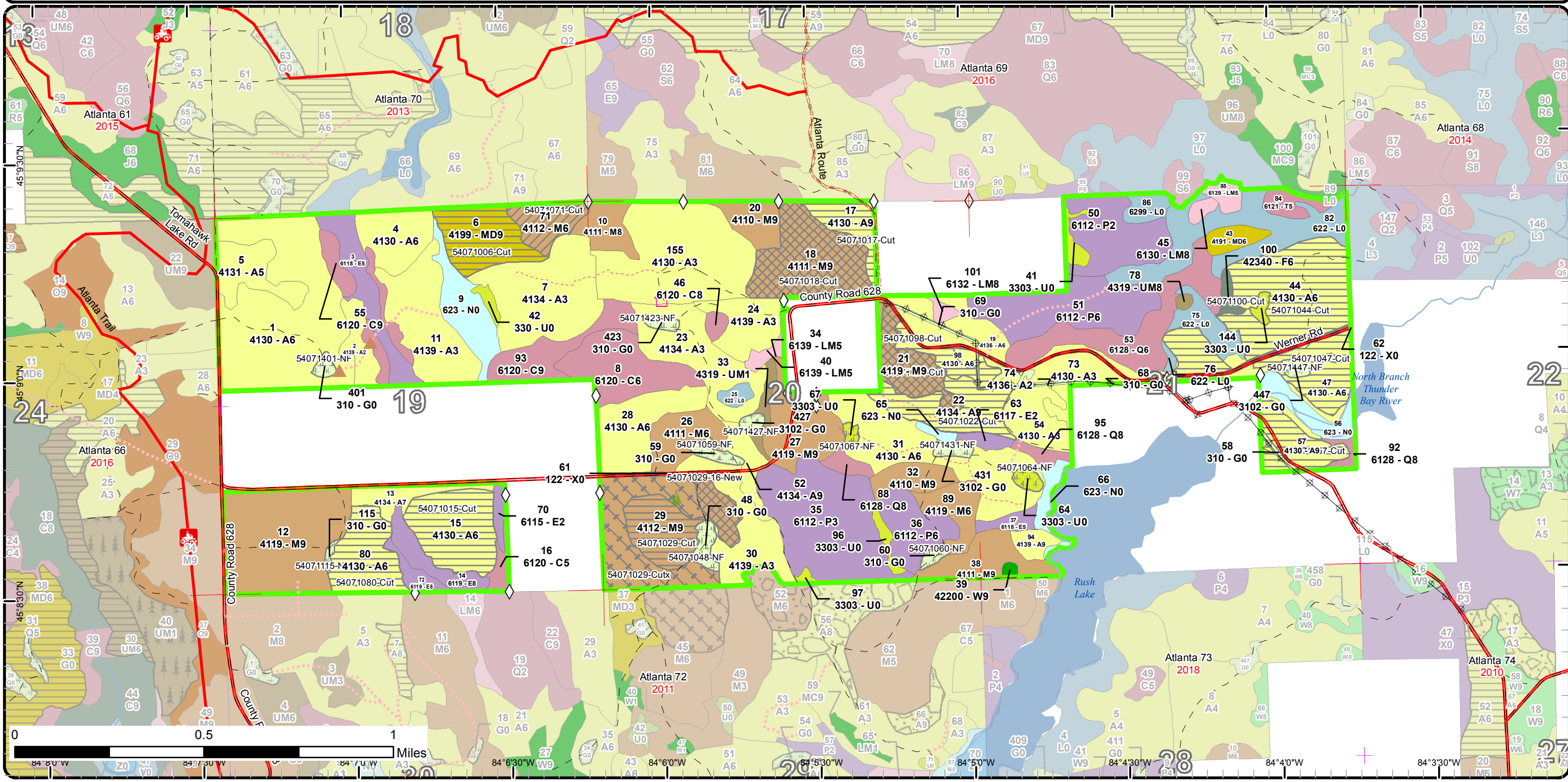
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

Cover Type & Treatments Map



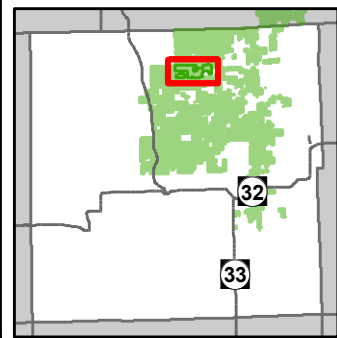
Compartment: 71
 T32N, R03E, Sec: 19, 20, 21
 County: Montmorency
 Unit: Atlanta
 Mgmt Area: Thunder Bay Outwash
 YOE: 2017
 Acres: 1379 GIS Calculated
 Examiner: Darrick Coy
 Map Revised: 9/21/2015
 Map Phase: Post Review

- + Remonumented Section Corners
 ■ Lakes
- ◇ Field Grade GPS Corners
 ⊕ Powerline
- Miris Corners
 Treatments
- County Gravel Roads
 Selection (Group, Single Tree)
- - Poor Dirt Roads
 Clearcut (w/Reserves)
- - - Trail (Non-Recreation)
 Other Treatment - See Comments
- ⋯ Closed Roads
 Salvage
- ▲ Berms
 Thinning (Crown, Low, Systematic)
- ▲ Tree (marking)
 Forest Covertype
- 🚲 ORV Trails
 411 - Northern Hardwood
- Designated ATV Trails
 413 - Aspen Types
- - - Designated ORV Routes
 419 - Mixed Upland Deciduous
- Rivers
 422 - Natural Pines
- 430 - Upland Mixed Fores
 423 - Other Upland Conifers
- 611 - Lowland Deciduous Forest
 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
 Non-Forest Covertype
- 122 - Roads/Parking Lot
 310 - Herbaceous Openland
- 330 - Low Density Trees
 622 - Lowland Shrub
- 623 - Emergent Wetland

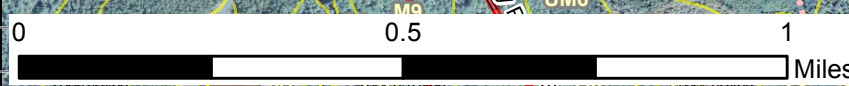
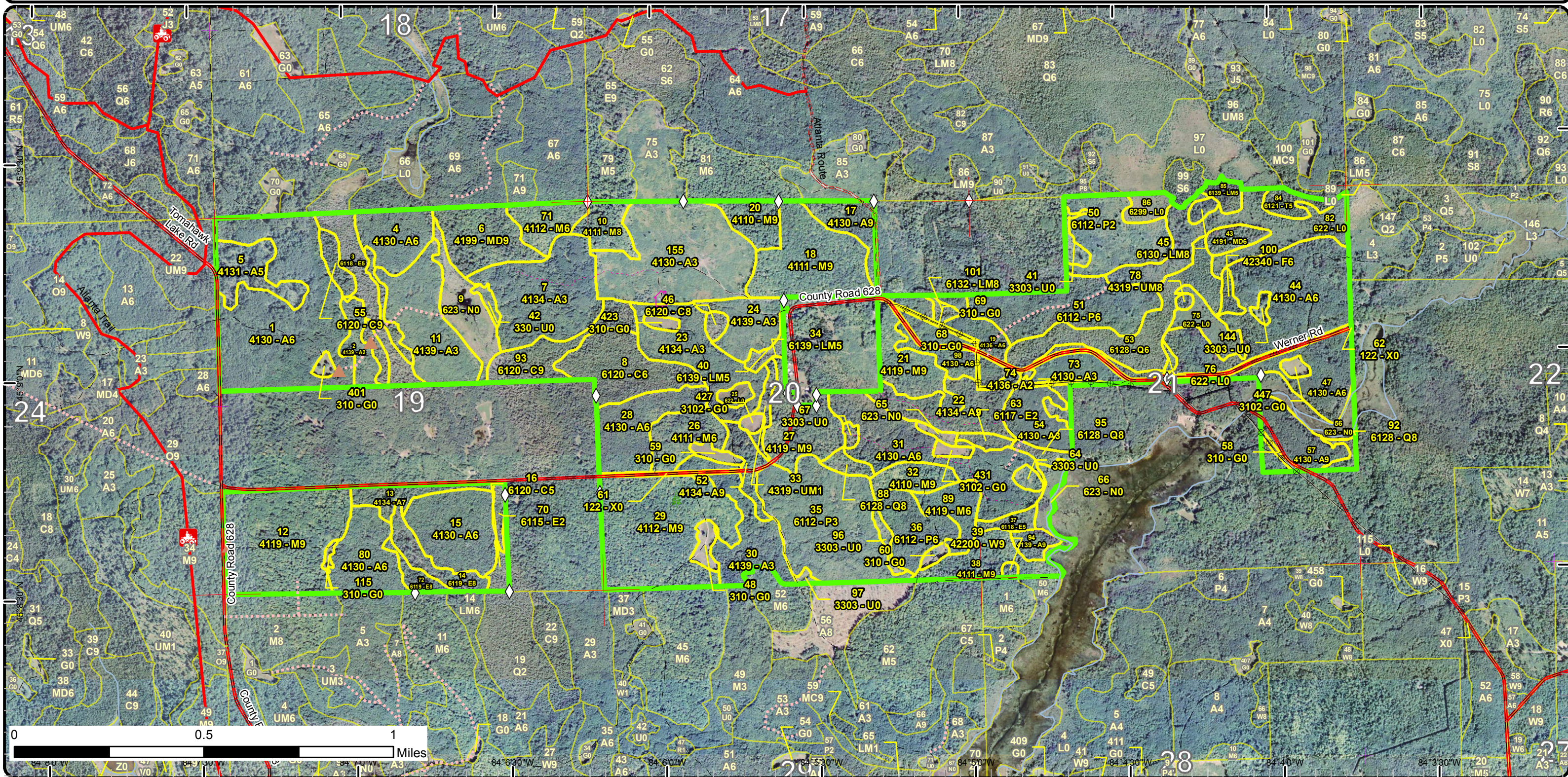


Stand Boundary Map

Compartment: 71
 T32N, R03E, Sec: 19, 20, 21
 County: Montmorency
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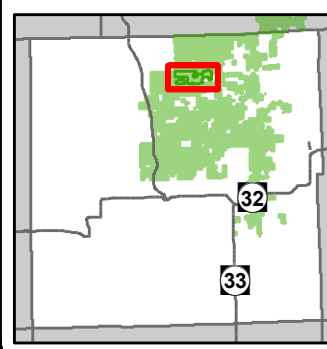


- ✦ Remonumented Section Corners
- ◇ Field Grade GPS Corners
- Miris Corners
- County Gravel Roads
- - Poor Dirt Roads
- - - Trail (Non-Recreation)
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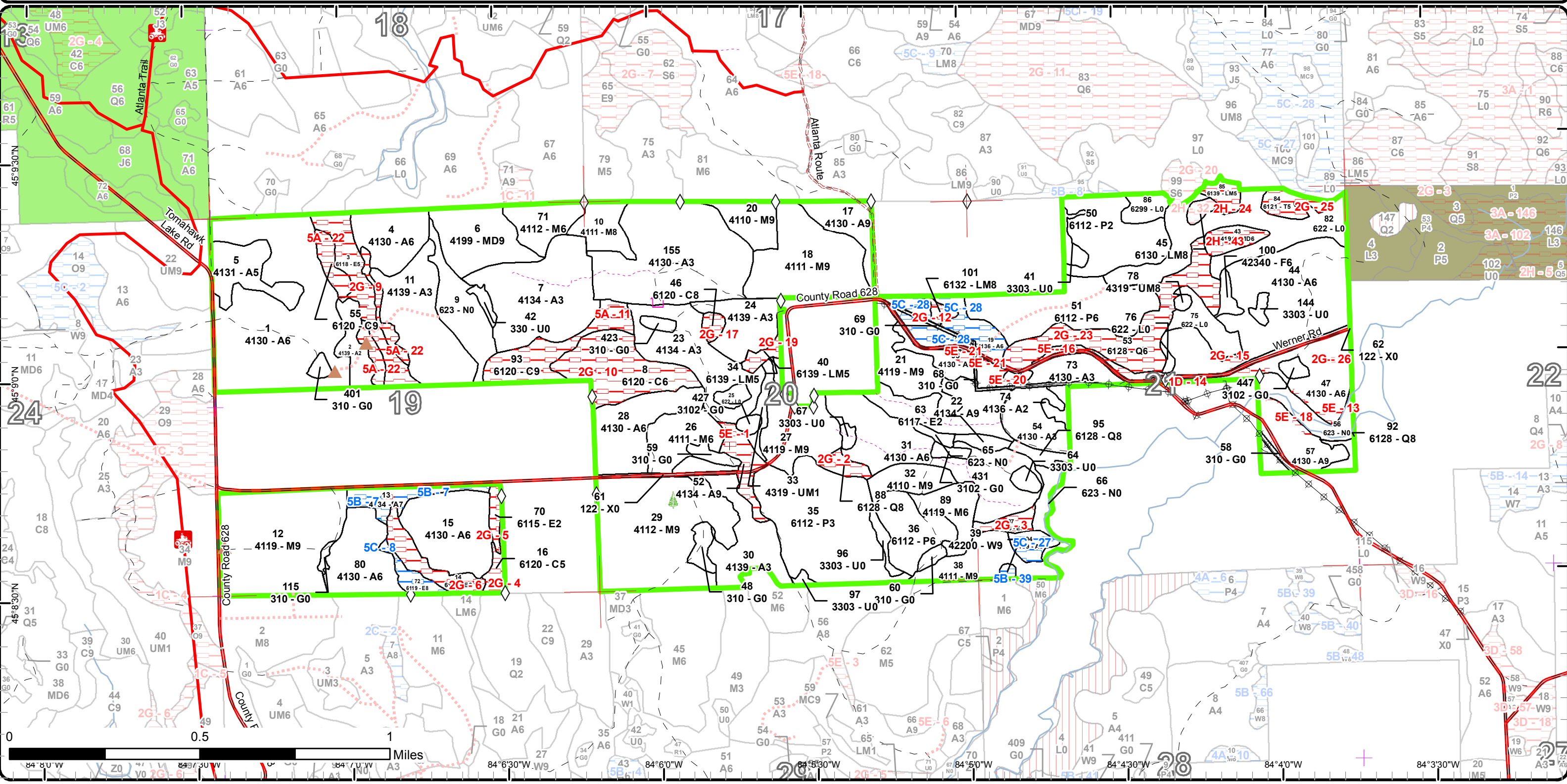


Special Conservation Areas & Site Conditions Map

Compartment: 71
T32N, R03E, Sec: 19, 20, 21
County: Montmorency
Unit: Atlanta
Mgmt Area: Thunder Bay Outwash
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- Remonumented Section Corners
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- County Gravel Roads
- Poor Dirt Roads
- Trail (Non-Recreation)
- Closed Roads
- Berms
- Tree (marking)
- ORV Trails
- Designated ATV Trails
- Designated ORV Routes
- Rivers
- Powerline
- Stand Boundaries
- Site Condition
- Available w/ Constraints
- Unavailable
- Available Factors W/ Constraints
 - 5B: Maintain for regeneration purposes
 - 5C: Delay treatment for age/size class diversity or exceptional site quality
- Unavailable Factors
 - 1D: Interest Group / Neighbor
 - 2G: Too wet (sensitive soils, does not include access issues)
- 2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)
- 5A: Not able to obtain desirable regeneration
- 5E: Long-Term Retention
- Special Conservation Areas
- Kirtland Warbler Habitat



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	58	84	136	23	183	105	11	0	30	9	0	0	0	0	0	0	0	639
Cedar	0	0	0	0	0	0	0	0	0	0	0	60	4	0	0	0	0	0	64
Herbaceous Openland	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24
Low-Density Trees	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14
Lowland Aspen/Balsam Poplar	0	0	79	0	35	17	0	0	0	0	0	0	0	0	0	0	0	0	131
Lowland Conifers	0	0	0	0	0	0	32	0	0	0	0	0	0	0	0	0	0	9	41
Lowland Deciduous	0	0	0	3	0	0	3	0	0	4	15	17	0	0	0	0	0	0	42
Lowland Mixed Forest	0	0	0	0	0	0	0	0	0	6	0	2	0	0	0	0	0	3	11
Lowland Shrub	54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	54
Marsh	36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	36
Mixed Upland Deciduous	0	0	0	0	0	0	0	0	0	28	0	0	0	0	0	0	0	0	28
Northern Hardwood	0	0	0	0	0	11	0	0	62	179	0	17	0	0	0	0	0	0	269
Tamarack	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	6
Upland Mixed Forest	0	0	0	4	0	0	0	0	0	0	1	0	0	0	0	0	0	0	5
Upland Spruce/Fir	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	3
Urban	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11
White Pine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Total	139	58	163	143	58	211	143	17	62	247	25	96	4	0	0	0	0	13	1379



Report 2 – Treatment Summary

Atlanta Mgt. Unit

Compartment 71

Year of Entry: 2017

Acres of Harvest

Total Compartment Acres: 1,379

Commercial Harvest - 323
 Harvests with Site Condition - 0
 Next Step Harvest - 0
 Habitat Cut - 0

Cover Type by Harvest Method

	Clearcut	Selection	Patch Clearcut	Seed Tree	Shelterwood	Thinning	Overstory Removal	Salvage	Other	Total Acres
Aspen	177	0	0	0	0	0	0	0	0	177
Mixed Upland Deciduous	22	0	0	0	0	0	0	0	0	22
Northern Hardwood	18	60	0	0	12	0	31	0	0	121
Upland Spruce/Fir	3	0	0	0	0	0	0	0	0	3
Total	220	60	0	0	12	0	31	0	0	323

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	323	0	0	0	0	0	0	0	23	345
Next Step	0	36	18	0	0	94	329	0	0	477
Total	323	36	18	0	0	94	329	0	23	823



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
6	54071006-Cut	22.0	4199 - Other Mixed Upland Deciduous	Sawtimber Well	83	51-80	Harvest	Clearcut with Retention	4191 - Mixed Upland Deciduous with Conifer	Even-Aged	Draft Field Boundary

Habitat Cut: No**Site Condition:**Prescription -clearcutSpecs:
-leave 3-10% area retention in multiple pockets of primarily birch
-leave all cedar, hollow mast beech, and oak (if any is found)Next Step
Treatments:Acceptable -maple, birch, aspen, fir, pine, oak, and beech of medium to full stocking
Regen:Other -access routes from north or south will need lowland crossing construction (temporary bridge or culvert) and improvements for grow over narrow
Comment: two-tracks and trails Old next step comments:Proposed Start Date: 10/1 /2016

15	54071015-Cut	27.8	4130 - Aspen	Poletimber Well	48	51-80	Harvest	Clearcut with Retention	4136 - Aspen, Mixed Conifer	Even-Aged	Draft Field Boundary
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Habitat Cut: No**Site Condition:**Prescription -clearcutSpecs:
-protect significantly wet areas with 3-10% area retention
-harvest outside of Spring in sale specsNext Step
Treatments:Acceptable -aspen with maple, balsam fir, pine, and oak associates of medium to full stocking
Regen:Other -a new access drive will need to be established off road to NW corner of treatment where ground is higher, drier, and ditch is shallow Old next
Comment: step comments:Proposed Start Date: 10/1 /2016

17	54071017-Cut	10.4	4130 - Aspen	Sawtimber Well	64	51-80	Harvest	Clearcut with Retention	4139 - Aspen, Mixed Deciduous	Even-Aged	Draft Field Boundary
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Habitat Cut: No**Site Condition:**Prescription -clearcutSpecs:
-leave 3-7% in area retentionNext Step
Treatments:Acceptable -aspen with maple, birch, balsam fir, pine, and oak associates of medium to full stocking
Regen:Other -should not need property line survey Old next step comments:Comment:Proposed Start Date: 10/1 /2016



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
18	54071018-Cut	35.9	4111 - S.Maple, Hard Mast Association	Sawtimber Well	81	111-140	Harvest	Single Tree Selection	4111 - S.Maple, Hard Mast Association	Uneven-Aged	Draft Field Boundary

Habitat Cut: No**Site Condition:**Prescription -selection/salvage

Specs:
 -cut all beech and ash, except leave scale resistant or hollow wildlife beech (2-3 every 3-5 acres in clumps or scattered individuals)
 -crop tree release remaining trees to 80 BA residual
 -create 100 ft regeneration gaps in areas of primarily beech or birch at approximate spacing of 1 every 5 acres (larger regeneration gaps of 120-160ft (1/4 ac- 1/2 ac) may be used in areas heavy to birch to the South)
 -mark-to-cut all trees >2 in DBH in regeneration gaps (clean gaps) and under individual beech
 -require harvesting with snow off and unfrozen ground
 -advertise treatment as 3 yr contract due to shorter harvest window
 -expect thick beech and/or ironwood in most gaps

Next StepTreatments:Acceptable -maple with basswood, ash, pine, fir, aspen, birch, and beech associates of medium to full stockingRegen:Other -should not need property line survey Old next step comments:Comment:Proposed Start Date: 10/1 /2016

21	54071021-Cut	16.0	4119 - Mixed Northern Hardwoods	Sawtimber Well	83	81-110	Harvest	Single Tree Selection	4111 - S.Maple, Hard Mast Association	Uneven-Aged	Draft Field Boundary
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Habitat Cut: No**Site Condition:**Prescription -selection/salvage

Specs:
 -cut all beech and ash, except leave scale resistant or hollow wildlife beech (2-3 every 3-5 acres in clumps or scattered individuals)
 -crop tree release remaining trees to 80 BA residual
 -create 100 ft regeneration gaps in areas of primarily beech at approximate spacing of 1 every 5 acres
 -mark-to-cut all trees >2 in DBH in regeneration gaps (clean gaps) and under individual beech
 -require harvesting with snow off and unfrozen ground
 -buffer hemlock (if present) with 66ft of no marking
 -advertise treatment as 3 yr contract due to shorter harvest window
 -expect thick beech and/or ironwood in most gaps

Next StepTreatments:Acceptable -maple with basswood, ash, pine, fir, aspen, birch, and beech associates of medium to full stockingRegen:Other Old next step comments:Comment:Proposed Start Date: 10/1 /2016

22	54071022-Cut	20.5	4134 - Aspen, Spruce/Fir	Sawtimber Well	83	51-80	Harvest	Clearcut with Retention	4136 - Aspen, Mixed Conifer	Even-Aged	Draft Field Boundary
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Habitat Cut: No**Site Condition:**Prescription -clearcut

Specs:
 -leave all under-represented species- oak (if present), wp, hemlock, and cedar not to exceed a cumulative BA of 10 (should not need to mark)
 -some area retention already excluded (see site conditions layer)
 -add additional area retention 3-5% to protect significantly wet areas
 -require harvesting outside of Spring

Next StepTreatments:Acceptable -aspen with maple, balsam fir, pine, and oak associates of medium to full stockingRegen:Other Old next step comments:Comment:Proposed Start Date: 10/1 /2016



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
29	54071029-16-New	7.7	4112 - Maple, Beech, Cherry Association	Sawtimber Well	85	51-80	Harvest	Single Tree Selection	4112 - Maple, Beech, Cherry Association	Even-Aged	Draft Field Boundary

Habitat Cut: No

Site Condition:

Prescription -selection/salvage

Specs:
-cut all beech and ash, except leave scale resistant or hollow wildlife beech (2-3 every 3-5 acres in clumps or scattered individuals)
-reduce BA to 80 BA in overstocked areas
-mark trees to cut to allow equipment access to remove beech and ash
-eradicate autumn olive as a follow-up within this stand, if it exists after regeneration survey

Next Step Monitoring, Natural Regen (Intermediate); Pesticide, Hand Application

Treatments:

Acceptable -maple with basswood, ash, pine, fir, aspen, and beech associates of medium to full stocking

Regen:
-EXPECT heavy beech regen

Other -was not previously thinned 11/02 in winter Old next step comments:

Comment:

Proposed Start Date: 10/1 /2016

29	54071029-Cut	18.2	4112 - Maple, Beech, Cherry Association	Sawtimber Well	85	51-80	Harvest	Clearcut	42110 - Planted Red Pine	Even-Aged	Draft Field Boundary
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Habitat Cut: No

Site Condition:

Prescription -clearcut

Specs:
-no retention pockets (partial stand clearcut)
-recommend doing prep work with leaf-off to aid in painting and cruising
-require chipping of tops
-roller chop, if needed, herbicide, trench and plant to rp
-work with wildlife division and plant small pockets of oak throughout stand with or without fencing to increase stand diversity and composition of oak within the area
-eradicate autumn olive as a follow-up within this stand, if it exists after regeneration surveys

Next Step SitePrep, Roller Chopping; Pesticide, Aerial; SitePrep, Trenching; Planting, Initial Plant; Monitoring, Artificial Regen(1yr)

Treatments:

Acceptable -well stocked rp with minor associates of other deciduous trees

Regen:
-thick/full coverage of beech saps below Old next step comments:

Other

Comment:

Proposed Start Date: 10/1 /2016

29	54071029-Cutx	31.5	4112 - Maple, Beech, Cherry Association	Sawtimber Well	85	51-80	Harvest	Salvage	4112 - Maple, Beech, Cherry Association	Uneven-Aged	Draft Field Boundary
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Habitat Cut: No

Site Condition:

Prescription -salvage

Specs:
-cut all ash and beech, except leave scale resistant or hollow wildlife beech (2-3 every 3-5 acres in clumps or scattered individuals)
-mark trees to cut as needed to fell large beech
-recommend doing prep work with leaf-off to aid in painting and cruising
-eradicate autumn olive as a follow-up within this stand, if it exists after regeneration survey

Next Step Monitoring, Natural Regen (Intermediate); Pesticide, Hand Application

Treatments:

Acceptable -maple with basswood, ash, pine, fir, aspen, and beech associates of medium to full stocking

Regen:
-EXPECT heavy beech regen

Other -was previously thinned 11/02 in winter

Comment: Old next step comments:

Proposed Start Date: 10/1 /2016



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
44	54071044-Cut	56.6	4130 - Aspen	Poletimber Well	52	51-80	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	Draft Field Boundary

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

Specs:
 -leave under-represented species- oak (if present) and rp
 -mark 1 unsuppressed wp to leave per 1-3 acres
 -protect all pine >26 inches in DBH, a few scattered throughout
 -protect areas that are wet and heavier to wp to NE with 3-5% area retention
 -some area retention already excluded to SW (see site conditions layer)

Next StepTreatments:Acceptable -aspen with maple, balsam fir, pine, and oak associates of medium to full stockingRegen:Other -could not find survey corners in field or in county records, may need survey Old next step comments:Comment:Proposed Start Date: 10/1 /2016

47	54071047-Cut	17.7	4130 - Aspen	Poletimber Well	52	51-80	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	Draft Field Boundary
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Habitat Cut: No**Site Condition:**Prescription -clearcut

Specs:
 -leave under-represented species- oak (if present) and rp
 -mark 1 unsuppressed wp to leave per 1-3 acres
 -protect all pine >26 inches in DBH, a few scattered throughout
 -leave 3-10% area retention
 -protect private residences and significantly wet areas with area retention
 -leave at least 100ft in area retention along stream for BMP concerns (see site conditions layer)

Next StepTreatments:Acceptable -aspen with maple, balsam fir, pine, and oak associates of medium to full stockingRegen:Other -could not find survey corners in field or in county records, may need survey Old next step comments:Comment:Proposed Start Date: 10/1 /2016

48	54071048-NF	3.8	310 - Herbaceous Openland	Nonstocked	0	Unspec ified	NonForestMgt	Other - Specify	310 - Herbaceous Openland		Draft Field Boundary
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Habitat Cut: No**Site Condition:**Prescription Plant to food and cover crops for wildlife or maintain grasses using mechanical methods or fire as funding allows.Specs: Also Treat Autumn Olive with herbicide in conjunction with stand 29.Next StepTreatments:AcceptableRegen:Other Old next step comments:Comment:Proposed Start Date: 5 /1 /2015



S t a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Approval Status
57	54071057-Cut	15.2	4130 - Aspen	Sawtimber Well	52	81-110	Harvest	Clearcut with Retention	4130 - Aspen	Even-Aged	Draft Field Boundary

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

Specs:
 -leave under-represented species- oak (if present) and rp
 -mark 1 unsuppressed wp to leave per 1-3 acres
 -protect all pine >26 inches in DBH, a few scattered throughout
 -leave 3-10% area retention
 -leave at least 100ft in area retention along stream for BMP concerns (see site conditions layer)

Next StepTreatments:Acceptable -aspen with maple, balsam fir, pine, and oak associates of medium to full stockingRegen:Other -could not find survey corners in field or in county records, may need survey Old next step comments:Comment:Proposed Start Date: 10/1 /2016

59	54071059-NF	3.0	310 - Herbaceous Openland	Nonstocked	0	Unspec ified	NonForestMgt	Other - Specify	310 - Herbaceous Openland		Draft Field Boundary
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Habitat Cut: No**Site Condition:**Prescription Plant to food and cover crops for wildlife or maintain grasses using mechanical methods or fire as funding allows.Specs:Next StepTreatments:AcceptableRegen:Other Old next step comments:Comment:Proposed Start Date: 5 /1 /2015

60	54071060-NF	1.8	310 - Herbaceous Openland	Nonstocked	0	Unspec ified	NonForestMgt	Other - Specify	310 - Herbaceous Openland		Draft Field Boundary
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Habitat Cut: No**Site Condition:**Prescription Plant to food and cover crops for wildlife or maintain grasses using mechanical methods or fire as funding allows.Specs:Next StepTreatments:AcceptableRegen:Other Old next step comments:Comment:Proposed Start Date: 5 /1 /2015

64	54071064-NF	2.4	3303 - Mixed Low Density Trees	Nonstocked		Unspec ified	NonForestMgt	Fruit Tree/Shrub Planting	320 - Upland Shrub		Draft Field Boundary
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Habitat Cut: No**Site Condition:**Prescription Plant mast and fruiting trees and shrubs in U-typeSpecs:Next StepTreatments:AcceptableRegen:Other Old next step comments:Comment:Proposed Start Date: 5 /1 /2015



S t a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Approval Status
67	54071067-NF	1.4	3303 - Mixed Low Density Trees	Nonstocked	0	Unspec ified	NonForestMgt	Fruit Tree/Shrub Planting	330 - Low- Density Trees		Draft Field Boundary
Habitat Cut: No			Site Condition:								
<u>Prescription</u> Plant mast and fruit bearing trees and shrubs to enhance wildlife values											
<u>Specs:</u>											
<u>Next Step</u>											
<u>Treatments:</u>											
<u>Acceptable</u>											
<u>Regen:</u>											
<u>Other</u> Old next step comments:											
<u>Comment:</u>											
<u>Proposed Start Date:</u> 10/1 /2016											
71	54071071-Cut	11.6	4112 - Maple, Beech, Cherry Association	Poletimber Well	82	111- 140	Harvest	Crown Thinning	4112 - Maple, Beech, Cherry Association	Even-Aged	Draft Field Boundary
Habitat Cut: No			Site Condition:								
<u>Prescription</u> -thin to 80 BA residual											
<u>Specs:</u>											
-avoid cutting birch, aspen, and oak											
-avoid partially marking any stump sprout clusters (take all stems or none) to limit harvest equipment damage to residuals											
-shortwood only in specs											
-include stand 6 within the same timber sale											
<u>Next Step</u>											
<u>Treatments:</u>											
<u>Acceptable</u>											
<u>Regen:</u>											
<u>Other</u> Old next step comments:											
<u>Comment:</u>											
<u>Proposed Start Date:</u> 10/1 /2016											
80	54071080-Cut	21.6	4130 - Aspen	Poletimber Well	48	51-80	Harvest	Clearcut with Retention	4136 - Aspen, Mixed Conifer	Even-Aged	Draft Field Boundary
Habitat Cut: No			Site Condition:								
<u>Prescription</u> -clearcut											
<u>Specs:</u>											
-protect significantly wet areas with 3-10% area retention											
-harvest outside of Spring in sale specs											
<u>Next Step</u>											
<u>Treatments:</u>											
<u>Acceptable</u> -aspen with maple, balsam fir, pine, and oak associates of medium to full stocking											
<u>Regen:</u>											
<u>Other</u> -use adjacent opening for landing area Old next step comments:											
<u>Comment:</u>											
<u>Proposed Start Date:</u> 10/1 /2016											
98	54071098-Cut	7.3	4130 - Aspen	Poletimber Well	47	51-80	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	Draft Field Boundary
Habitat Cut: No			Site Condition:								
<u>Prescription</u> -clearcut											
<u>Specs:</u>											
-leave all under-represented species- oak (if present), wp, hemlock, and cedar not to exceed a cumulative BA of 10 (should not need to mark)											
-leave area retention using what is already excluded to protect hemlock and significantly wet pockets (see site conditions & OFS layers)											
<u>Next Step</u>											
<u>Treatments:</u>											
<u>Acceptable</u> -aspen with maple, balsam fir, pine, and oak associates of medium to full stocking											
<u>Regen:</u>											
<u>Other</u> Old next step comments:											
<u>Comment:</u>											
<u>Proposed Start Date:</u> 10/1 /2016											



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
100	54071100-Cut	2.7	42340 - Upland Spruce/Fir	Poletimber Well	52	51-80	Harvest	Clearcut with Retention	42380 - Non Pine Upland Conifer, Mixed Deciduous	Even-Aged	Draft Field Boundary

Habitat Cut: No**Site Condition:**Prescription -clearcutSpecs: -leave 3-7% in area retention pockets of spruce and firNext StepTreatments:Acceptable -rm, ash, aspen, fir, spruce, pine, and oak of medium to full stockingRegen: (aspen and other deciduous may overtake this stand, objective of aspen or other deciduous is also acceptable)Other Old next step comments:Comment:Proposed Start Date: 10/1 /2016

115	54071115-NF	1.0	310 - Herbaceous Openland	Nonstocked		Unspec ified	NonForestMgt	Other - Specify	310 - Herbaceous Openland		Draft Field Boundary
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Habitat Cut: No**Site Condition:**Prescription Plant to food and cover crops for wildlife or maintain grasses using mechanical methods or fire as funding allows.Specs:Next StepTreatments:AcceptableRegen:Other Old next step comments:Comment:Proposed Start Date: 5 /1 /2015

401	54071401-NF	1.7	310 - Herbaceous Openland	Nonstocked		Unspec ified	NonForestMgt	Other - Specify	310 - Herbaceous Openland		Draft Field Boundary
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Habitat Cut: No**Site Condition:**Prescription Plant to food and cover crops for wildlife or maintain grasses using mechanical methods or fire as funding allows.Specs:Next StepTreatments:AcceptableRegen:Other Old next step comments:Comment:Proposed Start Date: 5 /1 /2015

423	54071423-NF	1.8	310 - Herbaceous Openland	Nonstocked		Unspec ified	NonForestMgt	Other - Specify	310 - Herbaceous Openland		Draft Field Boundary
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Habitat Cut: No**Site Condition:**Prescription Plant to food and cover crops for wildlife or maintain grasses using mechanical methods or fire as funding allows.Specs:Next StepTreatments:AcceptableRegen:Other Old next step comments:Comment:Proposed Start Date: 5 /1 /2015



S t a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Approval Status
427	54071427-NF	1.7	3102 - Grass	Nonstocked		Unspec ified	NonForestMgt	Other - Specify	310 - Herbaceous Openland		Draft Field Boundary

Habitat Cut: No**Site Condition:**

Prescription Plant to food and cover crops for wildlife or maintain grasses using mechanical methods or fire as funding allows.

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other Old next step comments:

Comment:

Proposed Start Date: 5 /1 /2015

431	54071431-NF	2.0	3102 - Grass	Nonstocked		Unspec ified	NonForestMgt	Other - Specify	310 - Herbaceous Openland		Draft Field Boundary
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Habitat Cut: No**Site Condition:**

Prescription Plant to food and cover crops for wildlife or maintain grasses using mechanical methods or fire as funding allows.

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other Old next step comments:

Comment:

Proposed Start Date: 5 /1 /2015

447	54071447-NF	2.0	3102 - Grass	Nonstocked		Unspec ified	NonForestMgt	Other - Specify	310 - Herbaceous Openland		Draft Field Boundary
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Habitat Cut: No**Site Condition:**

Prescription Plant to food and cover crops for wildlife or maintain grasses using mechanical methods or fire as funding allows.

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other Old next step comments:

Comment:

Proposed Start Date: 5 /1 /2015

**Total Treatment
Acreage Proposed: 345.4**

Report 5 – Site Conditions

Atlanta Mgt. Unit
Darrick Coy : Examiner

Compartment: 71
Year of Entry: 2017

Availability for Management

Total Acres	Acres Available	Acres Avail		Dominant Site Conditions	Dominant Site Conditions							
		With Condition	Not Available		5B	5C	1D	2G	2H	5A	5E	
639	587	29	23	Aspen	8	21	3	2				18
64	0	0	64	Cedar				41			23	
24	24	0	0	Herbaceous Openland								
14	14	0	0	Low-Density Trees								
131	131	0	0	Lowland Aspen/Balsam Poplar								
41	6	0	35	Lowland Conifers				35				
42	3	5	34	Lowland Deciduous		5		34				
11	0	0	11	Lowland Mixed Forest				5	6			
54	54	0	0	Lowland Shrub								
36	36	0	0	Marsh								
28	22	0	6	Mixed Upland Deciduous					6			
269	269	0	0	Northern Hardwood								
6	0	0	6	Tamarack				6				
5	5	0	0	Upland Mixed Forest								
3	3	0	0	Upland Spruce/Fir								
11	11	0	0	Urban								
1	0	1	0	White Pine	1							
1,379	1,166	34	179	Total Forested Acres	9	25	3	123	12	23	18	
	85%	2%	13%	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	8	Unspecified	Unspecified	Unspecified	Unspecified
Comments: -area retention for stand 23, 30, & 35							
2	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 5 – Site Conditions

Atlanta Mgt. Unit
Darrick Coy : Examiner

Compartment: 71
Year of Entry: 2017

3	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
4	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
5	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
6	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	11	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
7	Available	5B: Maintain for regeneration purposes	8	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
8	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 5 – Site Conditions

Atlanta Mgt. Unit
Darrick Coy : Examiner

Compartment: 71
Year of Entry: 2017

9	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	17	5A: Not able to obtain desirable regeneration	5D: Unproductive Forest Land	Unspecified	Unspecified
Comments:							
10	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	35	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
11	Unavailable	5A: Not able to obtain desirable regeneration	11	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
12	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
13	Unavailable	5E: Long-Term Retention	2	3J: Water quality / BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
Comments:							
14	Unavailable	1D: Interest Group / Neighbor	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 5 – Site Conditions

Atlanta Mgt. Unit
Darrick Coy : Examiner

Compartment: 71
Year of Entry: 2017

15	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	1	5E: Long-Term Retention	Unspecified	Unspecified	Unspecified
Comments:							
16	Unavailable	5E: Long-Term Retention	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
17	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
18	Unavailable	5E: Long-Term Retention	2	3J: Water quality / BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
Comments: -area retention and stream buffer for stand 57							
19	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
20	Unavailable	5E: Long-Term Retention	1	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments:							

Report 5 – Site Conditions

Atlanta Mgt. Unit
Darrick Coy : Examiner

Compartment: 71
Year of Entry: 2017

21	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments: -area retention for stand 98 to protect small pockets of cedar and hemlock							
22	Unavailable	5A: Not able to obtain desirable regeneration	13	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
23	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	32	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
24	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
25	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
26	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	0	5E: Long-Term Retention	Unspecified	Unspecified	Unspecified
Comments:							

Report 5 – Site Conditions

Atlanta Mgt. Unit
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Compartment: 71
Year of Entry: 2017

27	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
28	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	16	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
39	Available	5B: Maintain for regeneration purposes	1	4A: No Markets Available for these Forest Products	Unspecified	Unspecified	Unspecified
Comments:							
43	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Mgt. Unit

Compartment: #Type!

Year of Entry:



Report 6 – 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 7 – EXISTING SPECIAL CONSERVATION AREA DETAILS

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

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

Conservation Area	Type	Description
HCVA	Designated Critical Habitat	Critical habitat areas are established via a consultative and cooperative process between the DNR and the U.S. Fish and Wildlife service for the recovery of threatened and endangered species, as governed by Part 365, Endangered Species Protection, of the Natural Resources and Environmental Protection Act, 1994 PA 451, and the Federal Endangered Species Act of 1973. This is an active program, with proposed species plans in various stages of review. As of now only two exist, Kirtland Warbler Habitat and Piping Plover Habitat.

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Report 8 – Forested Stands

Compartment: 71
Year of Entry: 2017

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
1	4130 - Aspen	Poletimber Well	75.8	42	51-80	OPIC - FMD: OI Stand Year Origin was 1973, cut record T73-73 -not much defect, still young -oak were not cut when stand was cut -some younger oak stems do exist in trace amounts -larger mast log beech to SE corner of stand
2	4139 - Aspen, Mixed Deciduous	Sapling Medium	8.7	14	1-50	OPIC - FMD: cut 2001, sale 38-97
3	6118 - Lowland Deciduous with Cedar	Poletimber Medium	17.1	104	1-50	-intermittent broad-based drainage -stagnant, slow growing
4	4130 - Aspen	Poletimber Well	17.0	40	51-80	OPIC - FMD: OI Stand Year Origin was 1974, cut record T140-74
5	4131 - Aspen, Oak	Poletimber Medium	15.3	42	51-80	OPIC - FMD: OI Stand Year Origin was 1973, cut record T73-73 -seems older than adj. aspen -larger diameters likely due to openness -semi-open stand -fair amount of cherry
6	4199 - Other Mixed Upland Deciduous	Sawtimber Well	22.0	83	51-80	-heavy to birch and rm -see qd data for more stand info
7	4134 - Aspen, Spruce/Fir	Sapling Well	42.2	25	1-50	
8	6120 - Lowland Cedar	Poletimber Well	27.1	108	141-170	-organic muck soil, trees on hummocks, -healthy stand
10	4111 - S.Maple, Hard Mast Association	Sawtimber Medium	10.3	84	81-110	-aquired in 2/11/2010 -private cut all aspen and marked trees in 2008-09 -raspberry and traces of ash in heavily cut areas
11	4139 - Aspen, Mixed Deciduous	Sapling Well	32.7	14	1-50	OPIC - FMD: cut 2001, cut record T38-97
12	4119 - Mixed Northern Hardwoods	Sawtimber Well	53.0	79	81-110	OPIC - FMD: CUT NO HEMLOCK. Alt. Coverttype: Any combination of northern hardwoods, lowland hardwoods, oak, hemlock, northern white-cedar, spruce, fir or white pine. Cut 2006, 54-008-01-01. Contract filed under compartment 72, had adjacent hwd to south cut as well. Cut only marked trees- 1/3rd cut vol birch, 2/3rds mixed hwd. -large mast oak trees to N half -thick beech saps
13	4134 - Aspen, Spruce/Fir	Sawtimber Poor	8.9	99	51-80	-scattered aspen canopy -very low vigor in aspen, left as buffer -some cedar under aspen to W



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
14	6119 - Mixed Lowland Deciduous Forest	Sawtimber Medium	10.1	96	51-80	-very wet -intermittent drainage runs through center of stand -scattered log aspen with black ash poles -assume most ash is dead -small non-forest inclusion to N
15	4130 - Aspen	Poletimber Well	27.8	48	51-80	-dense fir -T102-66, cut in 1966
16	6120 - Lowland Cedar	Poletimber Medium	3.8	110	111-140	-hummocks, stagnant growth in areas -weak cedar crowns
17	4130 - Aspen	Sawtimber Well	11.1	64	51-80	
18	4111 - S.Maple, Hard Mast Association	Sawtimber Well	35.9	81	111-140	-stand will be over 110 BA in 2 yrs -see qd data for more information
19	4136 - Aspen, Mixed Conifer	Poletimber Well	16.2	48	51-80	-T67-1966
20	4110 - Sugar Maple Association	Sawtimber Well	10.1	82	51-80	-aquired in 2/11/2010 -private thinned in 2008-09, cut was rather heavy
21	4119 - Mixed Northern Hardwoods	Sawtimber Well	17.2	83	81-110	-average BA is 111 -see qd for more info -some large declining aspen scattered throughout
22	4134 - Aspen, Spruce/Fir	Sawtimber Well	21.9	83	51-80	
23	4134 - Aspen, Spruce/Fir	Sapling Well	28.7	25	1-50	-T4-1987
24	4139 - Aspen, Mixed Deciduous	Sapling Well	15.6	14	1-50	-cut 2001, sale 38-97 -access to E and S along two-tracks is wet/rutted/needs improvement
26	4111 - S.Maple, Hard Mast Association	Poletimber Well	14.4	84	81-110	-used WA for age
27	4119 - Mixed Northern Hardwoods	Sawtimber Well	22.0	83	81-110	-Beech are mostly mast and hollow wildlife trees with low timber value -legacy hemlock +40in dbh present and located off roadway -stand has adequate crown/bole spacing & is healthy -BF heavier to NW along PVT -average BA is 81
28	4130 - Aspen	Poletimber Well	23.4	35	51-80	-past harvest cut vol. 55% aspen, 39% birch, 24% rm, 9% mhwd -would readily convert to NHWD -lost a lot of birch from past cut



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
29	4112 - Maple, Beech, Cherry Association	Sawtimber Well	57.5	85	51-80	-see qd for more information-cut marked trees only. A lot less aspen cut vs thinned stand 38. Thinned west of two-track only and with adjacent stand to the south in comp. 72-completed 9-22-05. Was cut during 11/04/02, in Winter. 54-004-01-01 Pop Central 72
30	4139 - Aspen, Mixed Deciduous	Sapling Well	23.6	25	1-50	-T41-1987-wet in central to SW portion of stand
31	4130 - Aspen	Poletimber Well	41.1	26	1-50	-T3-1987
32	4110 - Sugar Maple Association	Sawtimber Well	9.5	70	81-110	-appears to be more uneven-aged to E and even-aged to W -very large XL maple trees in E 1/2 with poor timber quality, gnarly cavity trees -good wildlife stand, avoid treating E 1/2 of stand, many legacy maples -age taken from a basswood tree to W
33	4319 - Mixed Upland Forest	Sapling Poor	4.0	25	1-50	-T38-1987
34	6139 - Mixed Lowland Forest	Poletimber Medium	0.0	92	51-80	-assume that most of ash is dead, will/may be a fir stand in future -worst place to visit on Earth -blowdown everywhere -many snags -BF coming under dead cedar
35	6112 - Lowland Aspen	Sapling Well	53.4	14	1-50	-sale T38-97
36	6112 - Lowland Aspen	Poletimber Well	16.8	45	51-80	-still healthy, minimal conking -thick fir
37	6118 - Lowland Deciduous with Cedar	Poletimber Medium	4.1	89	51-80	-variable structure & sizes-WET-cedar to SW & W primarily-poor quality timber
38	4111 - S.Maple, Hard Mast Association	Sawtimber Well	16.5	108	81-110	OPIC - FMD: 54-003-01-01 3 Comp Pop. Sale was thinned in 1/04-4/04 & 9/05. Alt. Covertype: Any combination of northern hardwoods, lowland hardwoods, oak, hemlock, northern white-cedar, spruce, fir or white pine. 1/3rd of harvested volume was aspen, cut only marked trees
39	42200 - Natural White Pine	Sawtimber Well	1.0	124	141-170	OPIC - FMD: NICE WHITE PINE ALONG TWO TRACK TO RUSH LAKE. Retain as seed source. A locally used reference point. -Ol age was 177, age appears to be mixed/uneven, cored a 25in 123 yr wp
40	6139 - Mixed Lowland Forest	Poletimber Medium	3.2	92	51-80	-blowdown -fir coming under dead cedar -poor quality -ash likely dead, will be or is a fir stand in future



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
43	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	5.8	88	51-80	OPIC - FMD: POOR ACCESS. SURROUNDED BY WETLAND -could not reach stand due to thick alder, unfrozen ground, and deep water
44	4130 - Aspen	Poletimber Well	61.1	52	51-80	OPIC - FMD: OI Stand Year Origin was 1963 -west half looks older but core from aspen showed similar age
45	6130 - Fir, Aspen, Maple	Sawtimber Medium	2.2	86	51-80	-could not get to stand due to unfrozen ground and thick tag alder
46	6120 - Lowland Cedar	Sawtimber Medium	2.3	108	81-110	-cedar to N 1/2, ash and maple with non-forest to S 1/2 -blowdown in S1/2 -wet, hummocks -hemlock, more than usual amount
47	4130 - Aspen	Poletimber Well	22.6	52	51-80	-T58-1964
50	6112 - Lowland Aspen	Sapling Medium	26.3	14	1-50	OPIC - FMD: cut 2001, sale 38-97 -regeneration is spotty in throughout stand
51	6112 - Lowland Aspen	Poletimber Well	35.1	35	51-80	OPIC - FMD: OI Stand Year Origin was 1980. T90-79. Cut vol. was 46% aspen and 46% mixed hwd., 8% balsam fir
52	4134 - Aspen, Spruce/Fir	Sawtimber Well	8.2	89	81-110	
53	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Well	31.7	52	51-80	-wet -standing water throughout, was not frozen -better timber and drier to west 1/4 of stand
54	4130 - Aspen	Sapling Well	14.3	14	1-50	OPIC - FMD: cut 2001, sale 38-97
55	6120 - Lowland Cedar	Sawtimber Well	12.5	109	141-170	-transitional cedar pockets
57	4130 - Aspen	Sawtimber Well	16.9	52	81-110	OPIC - FMD: OI Stand Year Origin was 1963. T58-1964-rot showing in 20-30% of stems already-6-7 sticks tall
63	6117 - Lowland Deciduous, Mixed Coniferous	Sapling Medium	3.0	26	1-50	OPIC - FMD: OI Stand Year Origin was 1989. T3-1987. -most ash are likely dead except for smaller ash <1 inch -hummocks, muck -area was cut with area too south -area contains a seasonally flowing drainage/intermittent creek'
70	6115 - Lowland Ash	Sapling Medium	3.0	53	51-80	-most ash likely dead >1 inch-standing water throughout- stagnant stand with slow growth and weak crowns
71	4112 - Maple, Beech, Cherry Association	Poletimber Well	11.6	82	111-140	-borderline log stand -see qd for more info



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
72	6119 - Mixed Lowland Deciduous Forest	Sawtimber Medium	4.6	94	51-80	-many ground logs & cavity trees -has not been harvested
73	4130 - Aspen	Sapling Well	9.4	14	1-50	OPIC - FMD: cut 2001, sale 38-97
74	4136 - Aspen, Mixed Conifer	Sapling Medium	3.0	14	1-50	OPIC - FMD: cut 2001, sale 38-97
78	4319 - Mixed Upland Forest	Sawtimber Medium	1.0	93	Unspecified	-stand is a little smaller than 1 acre and surrounded by lowland -could not reach stand due to thick alder and unfrozen water
80	4130 - Aspen	Poletimber Well	21.6	48	51-80	-T102-66, cut in 1966
84	6121 - Tamarack	Poletimber Medium	5.7	66	1-50	
85	6139 - Mixed Lowland Forest	Poletimber Medium	4.1	86	51-80	-could not get to stand due to unfrozen ground and thick tag alder
88	6128 - Lowland Coniferous, Mixed Deciduous	Sawtimber Medium	3.5	119	51-80	-diverse stand, very mixed in sizes, species, and structure -gave my respects to balsam fir man coming out of wp stump in SE portion of stand -most ash is likely dead, actually makes 40% or more of canopy, this was reduced
89	4119 - Mixed Northern Hardwoods	Poletimber Well	11.1	45	51-80	-stand is healthy -good regeneration results from past clearcut in this stand -more birch than usual -aspen appears to be older in places to East
92	6128 - Lowland Coniferous, Mixed Deciduous	Sawtimber Medium	2.5	99	51-80	-portion not harvested due to wet areas-patches of uneven development-many areas are inoperable-mix of species and size classes-legacy pine scattered throughout
93	6120 - Lowland Cedar	Sawtimber Well	18.0	105	111-140	-drier than SE -mixed aspen and conifer pocket in middle of stand -transitional stand
94	4139 - Aspen, Mixed Deciduous	Sawtimber Well	4.6	52	81-110	-good quality bigtooth aspen logs
95	6128 - Lowland Coniferous, Mixed Deciduous	Sawtimber Medium	3.3	96	51-80	-was not cut -mixed ages -BTA & upland to E, too small to separate according to mapping rules -most ash assumed dead -huge legacy WP in W (OFS)
98	4130 - Aspen	Poletimber Well	9.6	47	51-80	-younger in field and off old 1968 imagery

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Atlanta Mgt. Unit

Report 8 – Forested Stands

Compartment: 71
Year of Entry: 2017



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
100	42340 - Upland Spruce/Fir	Poletimber Well	2.7	52	51-80	
101	6132 - Mixed Lowland Forest with Cedar	Sawtimber Medium	2.0	109	51-80	-was no cut due to extreme wetness -significant Hemlock component
155	4130 - Aspen	Sapling Well	57.6	6	Immature	-aquired in 2/11/2010 -private cc in 2008-09 -cut all trees



Stand	Cover Type	Acres	Managed Site	General Comments:
9	623 - Emergent Wetland	17.0	No	-snags standing in water-low density trees on edges
25	622 - Lowland Shrub	2.7	No	OPIC - FMD: OI Stand Year Origin was
41	3303 - Mixed Low Density Trees	3.2	No	OPIC - FMD: cut 2001, sale 38-97 -regeneration is spotty in throughout stand
42	330 - Low-Density Trees	2.0	No	-snags standing in water -low density trees on edges
48	310 - Herbaceous Openland	3.8	Yes	OPIC - FMD: Completed 9-22-05. 54-004-01-01 Pop Central 72. Alt. Covertyp: This stand successfully continues to remain an M6. (Cut 2005 sale 54-004-01-01 rgb)
56	623 - Emergent Wetland	10.6	No	OPIC - FMD: OI Stand Year Origin was
58	310 - Herbaceous Openland	1.1	No	OPIC - FMD: OI Stand Year Origin was 1963
59	310 - Herbaceous Openland	3.0	Yes	OPIC - FMD: OI Stand Year Origin was 1990
60	310 - Herbaceous Openland	1.8	Yes	OPIC - FMD: Understory is an F3 A2, with patches of pure balsam fir. Scattered hardwood saps include ironwood.
61	122 - Road/Parking Lot	2.1	No	OPIC - FMD: ROADS. County Road 628 west of Jones subdivision.
62	122 - Road/Parking Lot	8.7	No	OPIC - FMD: A small white-cedar and hemlock stand is found near the center. F2 M2 A1 understory.
64	3303 - Mixed Low Density Trees	2.4	No	
65	623 - Emergent Wetland	1.7	No	OPIC - FMD: OI Stand Year Origin was 1989
66	623 - Emergent Wetland	6.5	No	-tag alder on edges with cattails in interior
67	3303 - Mixed Low Density Trees	1.4	No	OPIC - FMD: OI Stand Year Origin was 1989
68	310 - Herbaceous Openland	2.8	No	OPIC - FMD: cut 2001, sale 38-97
69	310 - Herbaceous Openland	1.4	No	OPIC - FMD: A small white-cedar and hemlock stand is found near the center. F2 M2 A1 understory.



Stand	Cover Type	Acres	Managed Site	General Comments:
75	622 - Lowland Shrub	9.2	No	OPIC - FMD: ILLEGAL ORV STREAM CROSSING BETWEEN STANDS 43 AND 44.
76	622 - Lowland Shrub	1.0	No	OPIC - FMD: ILLEGAL ORV STREAM CROSSING BETWEEN STANDS 43 AND 44.
82	622 - Lowland Shrub	35.9	No	OPIC - FMD: ILLEGAL ORV STREAM CROSSING BETWEEN STANDS 43 AND 44.
86	6299 - Lowland Shrub (OI)	5.2	No	-half of stand failed to regenerate and is mostly tag alder now
96	3303 - Mixed Low Density Trees	2.6	No	OPIC - FMD: cut 2001, sale 38-97
97	3303 - Mixed Low Density Trees	1.0	No	OPIC - FMD: cut 2001, sale 38-97
115	310 - Herbaceous Openland	1.0	Yes	OPIC - FMD: OI Stand Year Origin was
144	3303 - Mixed Low Density Trees	1.7	No	OPIC - FMD: OI Stand Year Origin was
401	310 - Herbaceous Openland	1.7	Yes	OPIC - FMD: maintain stand with food and cover plantings. OI Stand Year Origin was
423	310 - Herbaceous Openland	1.8	Yes	OPIC - FMD: maintain stand with food and cover plantings. OI Stand Year Origin was
427	3102 - Grass	1.7	Yes	OPIC - FMD: opening in poor condition. Reclaim and maintain with food and cover plantings OI Stand Year Origin was
431	3102 - Grass	2.0	Yes	OPIC - FMD: maintain with food and cover plantings. OI Stand Year Origin was
447	3102 - Grass	2.0	Yes	OPIC - FMD: maintain with food and cover plantings. OI Stand Year Origin was