



Compartment Review Presentation

Atlanta Forest Management Unit

Compartment 54116

Entry Year 2022

Acreage: 1,869

County Presque Isle

Management Area: Cheboygan Basin Moraines

Revision Date: 2020-06-29

Stand Examiner: Richard Barber

Legal Description:

T33N R02E Sec 1, 3, 10, 11 & 12.

Identified Planning Goals:

Conduct multiple resource management for the good of the citizens of the State of Michigan.

Soil and topography:

The topography of the compartment is low wet ground on the west end. The remainder of the compartment is rolling ground with some low ground scattered throughout. The dominate cover types are aspen and pine with scattered hardwoods. The low ground is dominated by open bogs and some cedar swamp.

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

The compartment has some private parcels scattered throughout on the boundary. The compartment has some recreational use by ORVs & snowmobiles.

Unique Natural Features:

One or more have been reported.

Archeological, Historical, and Cultural Features:

One or more have been reported.

Special Management Designations or Considerations:

Two ERA's are at least partially in the compartment.

Watershed and Fisheries Considerations:

The public accesses Loon Lake from this compartment.

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 elk, pileated woodpecker, ruffed grouse, wild turkey, 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 and large open grassland complexes; 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

The nearest sand/gravel pit is located three miles to the northeast. Potential for sand & gravel in the compartment appears to be low. The compartment is within the Guelph/Niagaran reef trend. Several wells have been drilled within the compartment; all were dry holes. However, there are active leases in the compartment that are held by production from wells some distance away. There may still be potential for discovery of additional reef reservoirs beneath the compartment in the future. No known metallic mineral potential exists in this part of the state. The state does not own all the mineral rights within the compartment. Because the mineral estate is the dominant estate, reasonable access to the surface must be provided to private owners if they choose to explore or develop their mineral rights.

Vehicle Access:

This compartment is accessed from two county roads: 6 Mile Highway and Co Rd 634. There are several two tracks for traversing the area.

Survey Needs:

None needed at this time.

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 Onaway DNR office as well as the Onaway Township Fire Department.

Additional Compartment Information:

The following reports from the Inventory are attached:

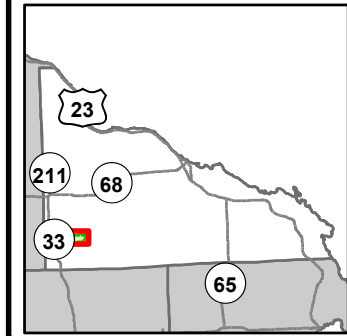
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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

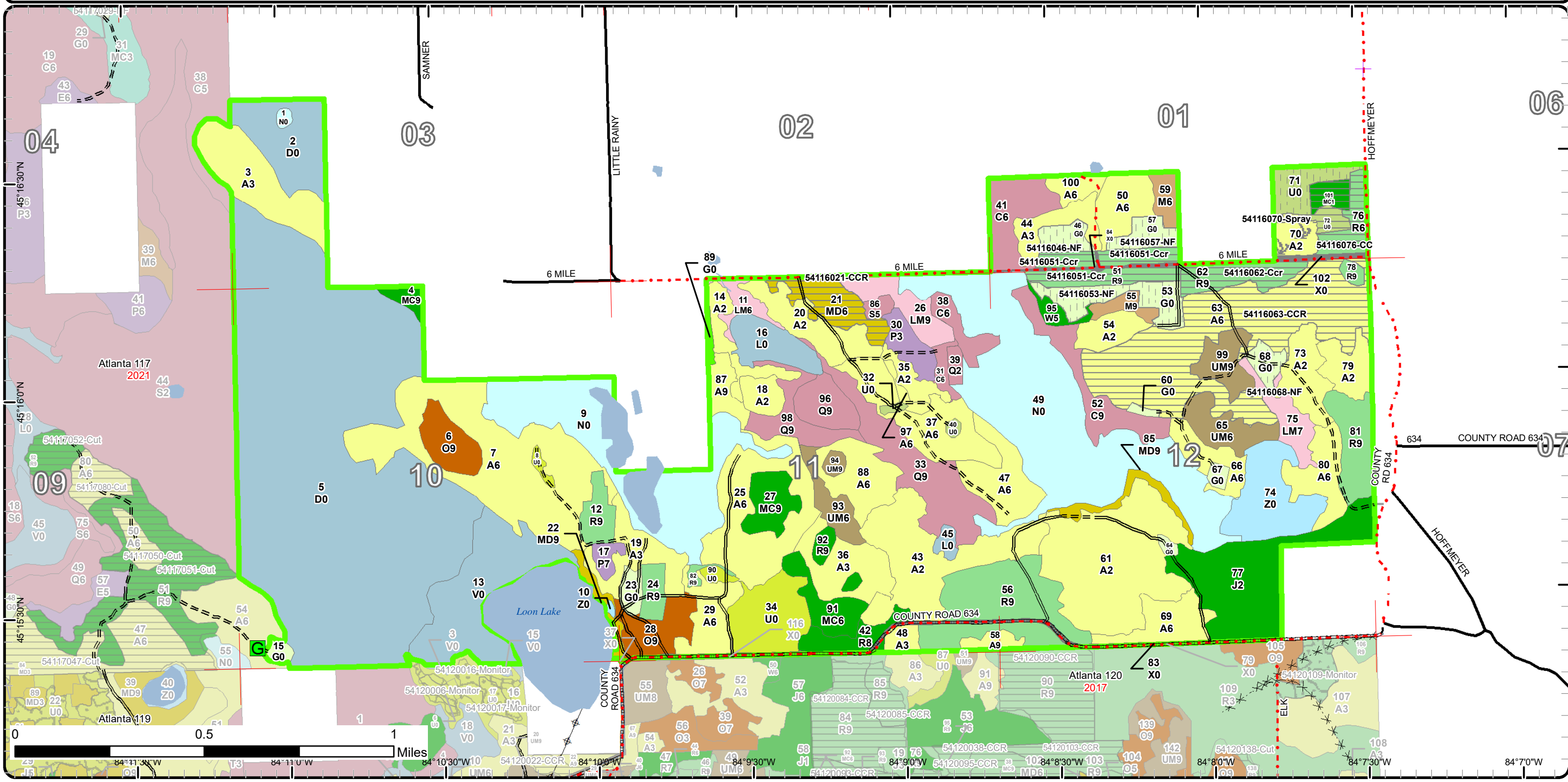
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

Cover Type & Treatments Map

Compartment: 116
 T33N, R02E, Sec. 1, 3, 4, 10-12
 County: Presque Isle
 Unit: Atlanta
 Mgmt Area: Cheboygan Basin
 Moraines
 YOE: 2022
 Acres: 1,869 GIS Calculated
 Examiner: Richard Barber
 Map Revised: 10/22/2020
 Map Phase: Post-Review

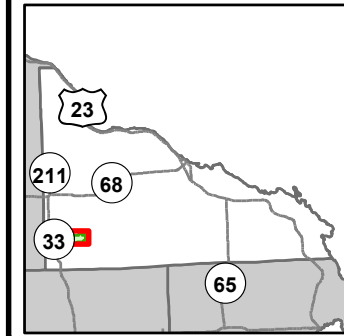


- Miris Corners
- ⊕ Remonumented Section Corners
- ▭ Counties
- DNR - Secondary Forest Road
- == DNR - Forest Access Route
- Federal / State / County - Paved Road
- - Federal / State - Dirt / Gravel Road
- . - County - Gravel Road
- - Private - Dirt / Gravel Road
- ✖ Abandoned Railroads
- ⬢ Gate
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Pipeline
- ⊕ Powerline
- ▭ Compartment Boundary
- ▭ Pesticide
- ▭ Clearcut (w/Reserves)
- ▭ Opening Maintenance
- ▭ 411 - Northern Hardwood
- ▭ 412 - Oak Types
- ▭ 413 - Aspen
- ▭ 419 - Mixed Upland Deciduous
- ▭ 421 - Planted Pines
- ▭ 422 - Natural Pines
- ▭ 430 - Upland Mixed Forest
- ▭ 611 - Lowland Deciduous Forest
- ▭ 612 - Lowland Coniferous Forest
- ▭ 613 - Lowland Mixed Forest
- ▭ 122 - Roads/Parking Lot
- ▭ 211 - Cropland
- ▭ 310 - Herbaceous Openland
- ▭ 320 - Upland Shrub
- ▭ 330 - Low Density Trees
- ▭ 500 - Water
- ▭ 622 - Lowland Shrub
- ▭ 623 - Emergent Wetland

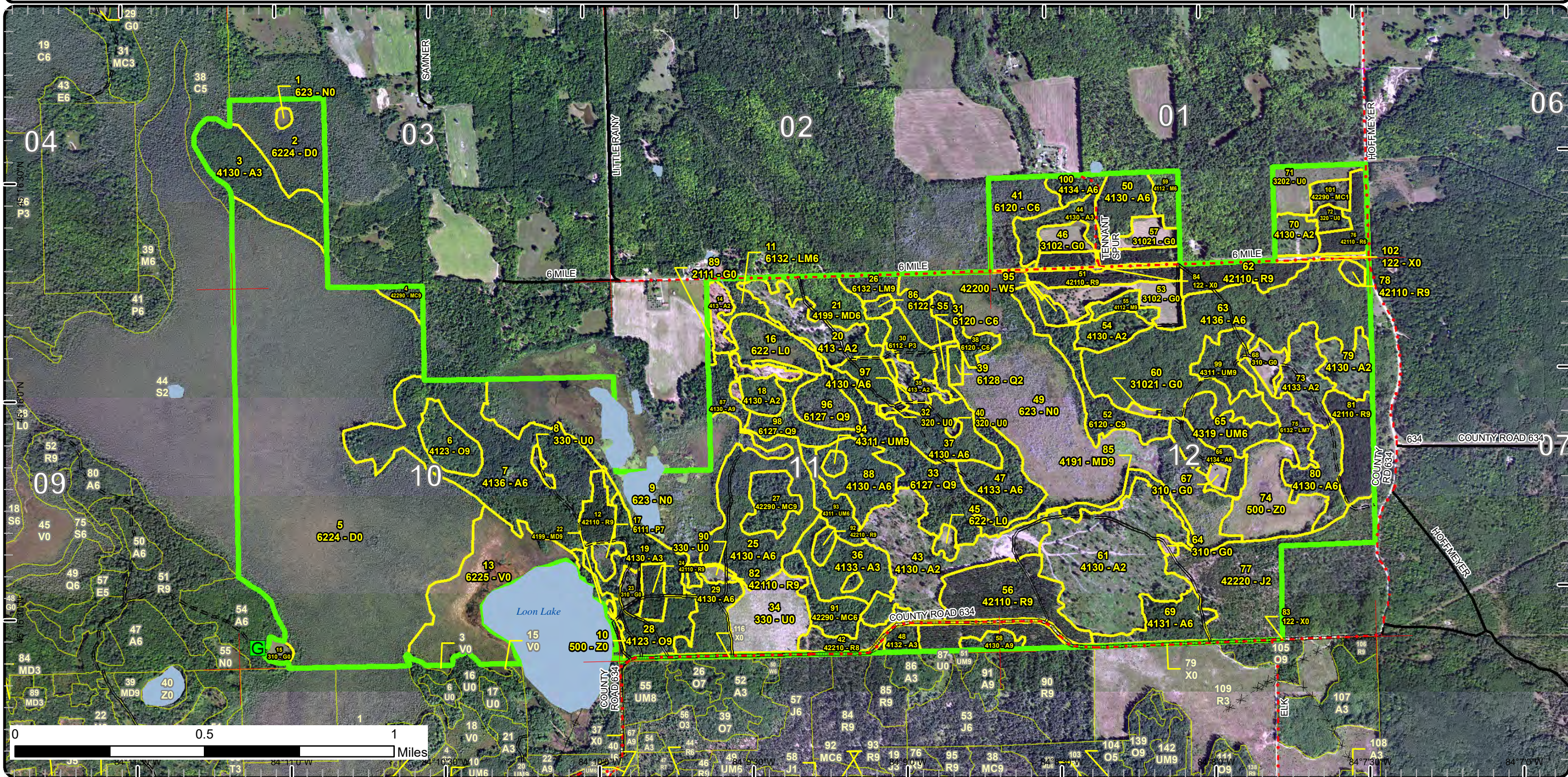


Stand Boundary Map

Compartment: 116
 T33N, R02E, Sec. 1, 3, 4, 10-12
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 Unit: Atlanta
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 Moraines
 YOE: 2022
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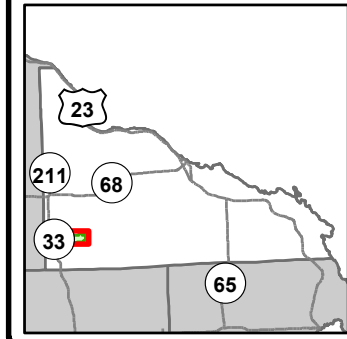


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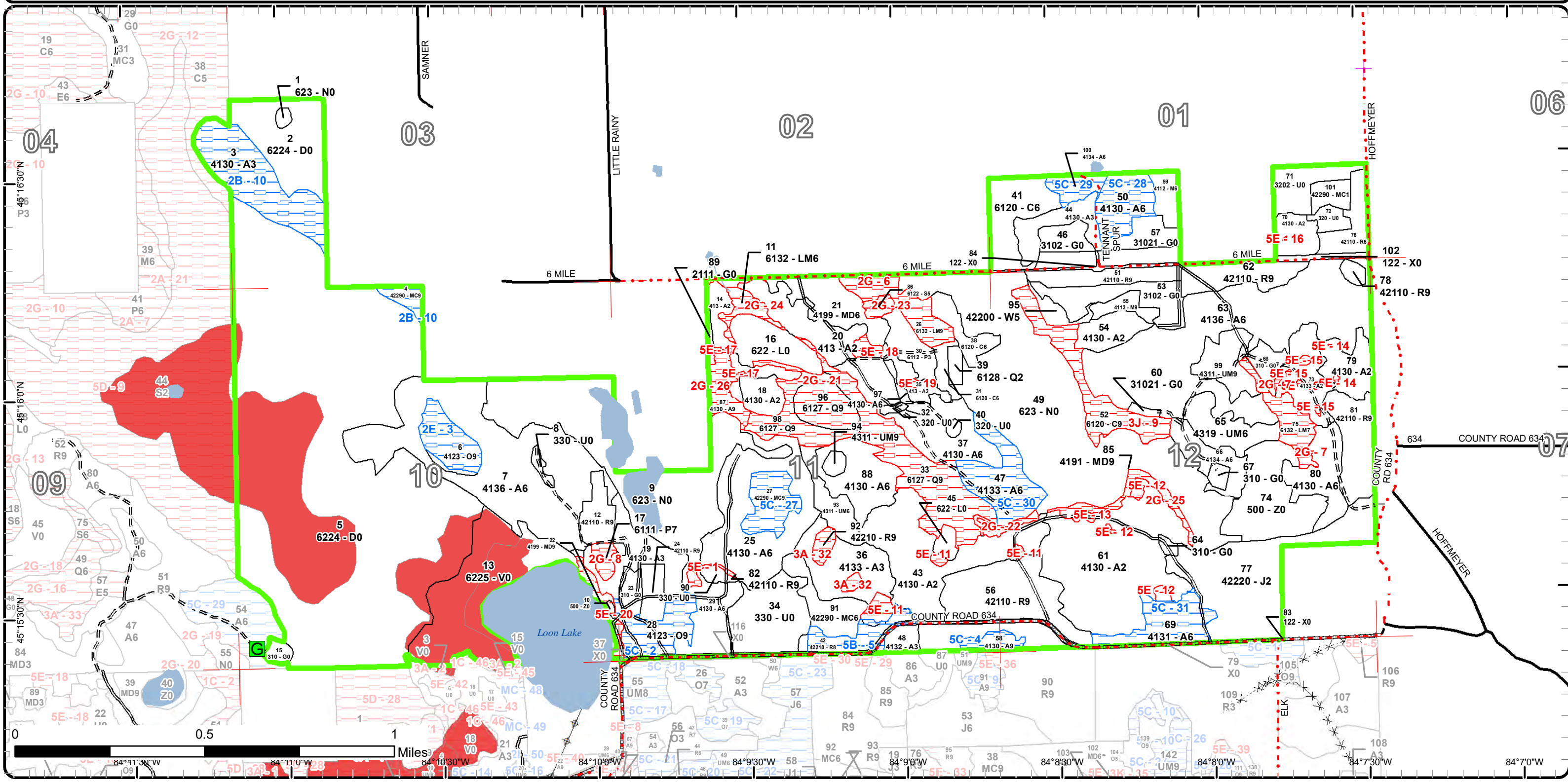


Special Conservation Areas

Compartment: 116
 T33N, R02E, Sec. 1, 3, 4, 10-12
 County: Presque Isle
 Unit: Atlanta
 Mgmt Area: Cheboygan Basin
 Moraines
 YOE: 2022
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- Miris Corners
- + Remonumented Section Corners
- Counties
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- DNR - Forest Access Route
- Federal / State / County - Paved Road
- Federal / State - Dirt / Gravel Road
- County - Gravel Road
- Private - Dirt / Gravel Road
- Abandoned Railroads
- G Gate
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Pipeline
- Powerline
- Compartment Boundary
- Available w/ Constraints
- Unavailable
- 2E: Road needed
- 5B: Maintain for regeneration purposes
- 5C: Delay treatment for age/size class diversity or exceptional site quality
- 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
- Ecological Reference Areas



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	150	43	57	161	171	23	0	0	8	0	0	0	0	0	0	0	30	643
Bog	49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	49
Cedar	0	0	0	0	0	0	0	0	0	0	0	38	11	0	0	0	0	0	49
Cropland	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Herbaceous Openland	45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	45
Jack Pine	0	0	48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	48
Low-Density Trees	27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26
Lowland Aspen/Balsam Poplar	0	0	0	0	0	9	0	0	0	0	0	4	0	0	0	0	0	0	12
Lowland Conifers	0	0	0	0	0	2	0	0	0	0	0	58	0	0	0	0	0	0	60
Lowland Mixed Forest	0	0	0	0	0	0	0	0	0	16	0	13	0	0	0	0	0	0	29
Lowland Shrub	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17
Lowland Spruce/Fir	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2
Marsh	201	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	201
Mixed Upland Deciduous	0	0	0	0	0	0	0	0	6	16	5	0	0	0	0	0	0	0	27
Natural Mixed Pines	0	0	0	0	5	0	12	0	0	0	0	16	0	0	0	0	0	0	33
Northern Hardwood	0	0	0	0	0	0	0	0	11	0	0	0	0	0	0	0	0	0	10
Oak	0	0	0	0	0	0	0	0	0	14	13	0	0	0	0	0	0	0	26
Red Pine	0	0	0	0	30	0	47	43	0	14	0	0	0	0	0	0	0	0	134
Treed Bog	357	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	357
Upland Mixed Forest	0	0	0	9	0	25	0	2	0	0	0	0	0	0	0	0	0	0	36
Upland Shrub	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17
Urban	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13
Water	28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28
White Pine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4
Total	755	150	91	66	196	207	82	45	0	39	46	134	24	2	0	0	0	34	1867



Report 2 – Treatment Summary

Atlanta Mgt. Unit

Compartment 116

Year of Entry: 2022

Acres of Harvest

Total Compartment Acres: 1,869

Commercial Harvest - 160
 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	92	0	0	0	0	0	0	0	0	92
Mixed Upland Deciduous	16	0	0	0	0	0	0	0	0	16
Natural Mixed Pines	5	0	0	0	0	0	0	0	0	5
Red Pine	44	0	0	0	0	0	0	0	0	44
Upland Shrub	4	0	0	0	0	0	0	0	0	4
Total	160	0	0	0	0	0	0	0	0	160

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	160	0	0	0	8	0	0	46		213
Next Step	0	52	52	0	0	104	219	0	0	427
Total	160	52	52	0	0	112	219	0	46	640



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	Habitat Cut
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Approved Treatments:

21	54116021-CCR	15.5	4199 - Other Mixed Upland Deciduous	Poletimber Well	97	81-110	Harvest	Clearcut with Retention	4199 - Other Mixed Upland Deciduous	Even-Aged	No
<p><u>Prescription</u> Retain 3 to 10 percent of treatment area in one or more patches. Location(s) will be determined during sale prep and will be representative of the treatment's species overall mix. Use grouse spec 5.2.4.7, 12" diameter fully merchantable tree, one per two acres.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Oak, maple, basswood, aspen, beech, fir, spruce, pine.</p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2021</p>											
46	54116046-NF	6.0	3102 - Grass	Nonstocked			NonForestMgt	Herbaceous/Crop /Grass Planting	310 - Herbaceous Openland		No
<p><u>Prescription</u> Opening may be maintained on an ongoing rotational basis to produce wildlife forage through burning, mowing, planting, or other agriculture practices</p> <p><u>Specs:</u></p> <p><u>Next Step</u></p> <p><u>Treatments:</u></p> <p><u>Acceptable</u></p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2021</p>											
51	54116051-Ccr	20.5	42110 - Planted Red Pine	Sawtimber Well	37	141-170	Harvest	Clearcut with Retention	4211 - Planted Red Pine	Even-Aged	No
<p><u>Prescription</u> Clearcut with retention. Retain 3 to 10 percent of treatment area in one or more patches. Location(s) will be determined during sale prep and will be representative of the treatment's species mix as a whole. Tops must be chipped within 3 months of the parent stem's severance from the stump unless other arrangements are made. Re-plant red pine.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> SitePrep, Trenching; Pesticide, Skidder - Site Prep; Planting, Initial Plant; Monitoring, Artificial Regen(1yr); Pesticide, Skidder -</p> <p><u>Treatments:</u> Release; Monitoring, Artificial Regen(3yr)</p> <p><u>Acceptable</u> Planted red pine.</p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 6 /2 /2020</p>											



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
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53	54116053-NF	15.9	3102 - Grass	Nonstocked		NonForestMgt	Herbaceous/Crop /Grass Planting	310 - Herbaceous Openland		No
<p><u>Prescription Specs:</u> Opening may be maintained on an ongoing rotational basis to produce wildlife forage through burning, mowing, planting, or other agriculture practices</p> <p><u>Next Step Treatments:</u></p> <p><u>Acceptable Regen:</u></p> <p><u>Other Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2021</p>										

57	54116057-NF	7.2	31021 - Cool Season Grass	Nonstocked		NonForestMgt	Herbaceous/Crop /Grass Planting	310 - Herbaceous Openland		No
<p><u>Prescription Specs:</u> Opening may be maintained on an ongoing rotational basis to produce wildlife forage through burning, mowing, planting, or other agriculture practices</p> <p><u>Next Step Treatments:</u></p> <p><u>Acceptable Regen:</u></p> <p><u>Other Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2021</p>										

62	54116062-Ccr	13.5	42110 - Planted Red Pine	Sawtimber Well	59 81-110	Harvest	Clearcut with Retention	4211 - Planted Red Pine	Even-Aged	No
<p><u>Prescription Specs:</u> Clearcut with retention. Retain 3 to 10 percent of treatment area in one or more patches. Location(s) will be determined during sale prep and will be representative of the treatment's species mix as a whole. Tops must be chipped within 3 months of the parent stem's severance from the stump unless other arrangements are made. Re-plant red pine.</p> <p><u>Next Step Treatments:</u> SitePrep, Trenching; Pesticide, Skidder - Site Prep; Planting, Initial Plant; Monitoring, Artificial Regen(1yr); Pesticide, Skidder - Release; Monitoring, Artificial Regen(3yr)</p> <p><u>Acceptable Regen:</u> Planted red pine.</p> <p><u>Other Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2021</p>										



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Treatment ID	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
63	54116063-CCR	92.2	4136 - Aspen, Mixed Conifer	Poletimber Well	48		Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
<p><u>Prescription</u> Retain 3 to 10 percent of treatment area in one or more patches. Location(s) will be determined during sale prep and will be representative of the treatment's species overall mix. Use grouse spec 5.2.4.7, 12" diameter fully merchantable tree, one per two acres.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u> aspen, maple, oak, birch, spruce, fir, pine, or cedar</p> <p><u>Other Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2021</p>											
68	54116068-NF	5.1	310 - Herbaceous Openland	Nonstocked			NonForestMgt	Herbaceous/Crop /Grass Planting	310 - Herbaceous Openland		No
<p><u>Prescription</u> Opening may be maintained on an ongoing rotational basis to produce wildlife forage through burning, mowing, planting, or other agriculture practices.</p> <p><u>Specs:</u></p> <p><u>Next Step</u></p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u></p> <p><u>Other Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2021</p>											
70	54116070-Spray	7.6	4130 - Aspen	Sapling Medium	4	Immature	Pesticide	ERROR	3102 - Grass		No
<p><u>Prescription</u> Destroy honeysuckle, autumn olive and scotch pine.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Herbicide Use</p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u></p> <p><u>Other Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2020</p>											
71	54116071-NF	11.4	3202 - Autumn Olive/Honeysuckle	Nonstocked		Immature	NonForestMgt	Herbaceous/Crop /Grass Planting	320 - Upland Shrub		No
<p><u>Prescription</u> Opening may be maintained on an ongoing rotational basis to produce wildlife forage through burning, mowing, planting, or other agriculture practices.</p> <p><u>Specs:</u></p> <p><u>Next Step</u></p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u></p> <p><u>Other Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2021</p>											



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
72 54116072-CC	3.5	320 - Upland Shrub	Nonstocked			Harvest	Clearcut	4211 - Planted Red Pine	Even-Aged	No
<p><u>Prescription</u> Clearcut. Tops must be chipped within 3 months of the parent stem's severance from the stump unless other arrangements are made. Use <u>Specs:</u> 2-inch spec. The actual harvested acreage may be somewhat less than stand acreage. However, the 2-inch diameter specification must be used over the entire stand. Plant red pine.</p> <p><u>Next Step</u> SitePrep, Trenching; Pesticide, Skidder - Site Prep; Planting, Initial Plant; Monitoring, Artificial Regen(1yr); Monitoring, Artificial <u>Treatments:</u> Regen(3yr); Pesticide, Skidder - Release</p> <p><u>Acceptable</u> Planted red pine. <u>Regen:</u></p> <p><u>Other</u> Include in same sale as treatment in stand 76. <u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2021</p>										
76 54116076-CC	9.6	42110 - Planted Red Pine	Poletimber Well	37	171-200	Harvest	Clearcut	4211 - Planted Red Pine	Even-Aged	No
<p><u>Prescription</u> Clear-cut. Tops must be chipped within 3 months of the parent stem's severance from the stump unless other arrangements are made. Re-plant red pine.</p> <p><u>Next Step</u> SitePrep, Trenching; Pesticide, Skidder - Site Prep; Planting, Initial Plant; Monitoring, Artificial Regen(1yr); Monitoring, Artificial <u>Treatments:</u> Regen(3yr); Pesticide, Skidder - Release</p> <p><u>Acceptable</u> Planted red pine. <u>Regen:</u></p> <p><u>Other</u> <u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2021</p>										
101 54116101-CC	4.9	42290 - Natural Mixed Pine	Sapling Poor	30	1-50	Harvest	Clearcut	4211 - Planted Red Pine	Even-Aged	No
<p><u>Prescription</u> Clearcut. Tops must be chipped within 3 months of the parent stem's severance from the stump unless other arrangements are made. Use <u>Specs:</u> 2-inch spec. The actual harvested acreage may be somewhat less than stand acreage. However, the 2-inch diameter specification must be used over the entire stand. Plant red pine.</p> <p><u>Next Step</u> SitePrep, Trenching; Pesticide, Skidder - Site Prep; Planting, Initial Plant; Monitoring, Artificial Regen(1yr); Monitoring, Artificial <u>Treatments:</u> Regen(3yr); Pesticide, Skidder - Release</p> <p><u>Acceptable</u> Planted red pine. <u>Regen:</u></p> <p><u>Other</u> Include in same sale as treatment in stand 76. <u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2021</p>										

Total Treatment Acreage Proposed: 212.9

Report 4 – Site Conditions

Atlanta Mgt. Unit
Richard Barber : Examiner

Compartment: 116
Year of Entry: 2022



Availability for Management

Total Acres	Acres Available	Acres Avail		Dominant Site Conditions	Dominant Site Conditions							
		With Condition	Not Available		2B	2E	5B	5C	2G	3A	3J	5E
643	536	89	18	Aspen	30	0	0	58	8		0	11
49	49	0	0	Bog								
49	29	0	20	Cedar							20	
1	1	0	0	Cropland								
45	45	0	0	Herbaceous Openland								
48	48	0	0	Jack Pine								
27	27	0	0	Low-Density Trees			0					0
12	9	0	3	Lowland Aspen/Balsam Poplar					3			
61	2	0	58	Lowland Conifers					58			
30	0	0	30	Lowland Mixed Forest					30			
17	17	0	0	Lowland Shrub								0
2	0	0	2	Lowland Spruce/Fir					2			
201	199	0	2	Marsh					2			
27	16	0	11	Mixed Upland Deciduous				0	6			5
32	17	16	0	Natural Mixed Pines	4		0	12				
11	11	0	0	Northern Hardwood								
27	1	26	0	Oak		12		14				
134	120	8	5	Red Pine			8			4		2
357	357	0	0	Treed Bog								
36	36	0	0	Upland Mixed Forest								
17	17	0	0	Upland Shrub								
13	11	2	0	Urban			1	1				
28	27	0	1	Water								1
4	4	0	0	White Pine								
1,869	1,579	140	150	Total Forested Acres	34	12	10	84	110	4	20	17
	84%	7%	8%	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	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Area retention for stand 34 and 90 treatments.							

Report 4 – Site Conditions

Atlanta Mgt. Unit
Richard Barber : Examiner

Compartment: 116
Year of Entry: 2022



2	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	15	Unspecified	Unspecified	Unspecified	Unspecified
Comments: could shelterwood cut leave 10-20 ba residual. Recommend holding for ten years for visual.							
3	Available	2E: Road needed	12	Unspecified	Unspecified	Unspecified	Unspecified
Comments: could thin but access road would need work. focus on basswood and ash. not a lot of volume. Old road was flooded by beaver.							
4	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Delay 10 years due to recent harvest to the north.							
5	Available	5B: Maintain for regeneration purposes	10	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
6	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	13	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
7	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	10	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Atlanta Mgt. Unit
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Compartment: 116
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8	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
9	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	20	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
10	Available	2B: Unknown if access through adjacent landowner(s) is possible	34	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
11	Unavailable	5E: Long-Term Retention	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments: This long term retention from Sale Number 54-013-12-01.							
12	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments: This long term retention from Sale Number 54-013-12-01.							
13	Unavailable	5E: Long-Term Retention	0	3B: Threatened, endangered, and special concern species	Unspecified	Unspecified	Unspecified
Comments: This long term retention from Sale Number 54-013-12-01. This was a 1 chain buffer around a hawks nest.							

Report 4 – Site Conditions

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Year of Entry: 2022



14	Unavailable	5E: Long-Term Retention	0	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
15	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
16	Unavailable	5E: Long-Term Retention	0	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
17	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments: This is long term retention from Timber Sale Name: Kenny Rogers Roasters; Sale No.: 54-002-12-01.							
18	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
19	Unavailable	5E: Long-Term Retention	0	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
20	Unavailable	5E: Long-Term Retention	5	3J: Water quality / BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
Comments: small ridge along edge of loon lake. retention from stand to east.							

Report 4 – Site Conditions

Atlanta Mgt. Unit
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Compartment: 116
Year of Entry: 2022



21	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	58	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
22	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
23	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
24	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
25	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

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Richard Barber : Examiner

Compartment: 116
Year of Entry: 2022



26	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	8	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Appears to be the part of a previous treatment that was too wet to harvest.							
27	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	12	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
28	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	14	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
29	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
30	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	19	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Atlanta Mgt. Unit
Richard Barber : Examiner

Compartment: 116
Year of Entry: 2022



31	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	15	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
32	Unavailable	3A: Conservation Values incompatible with harvest at this time	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Mgt. Unit

Compartment: #Type!

Year of Entry:



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

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

SCA Name	SCA Category	Detail Type	Recommendation	Acres
----------	--------------	-------------	----------------	-------

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
ERA	Ecological Reference Areas	Ecological Reference Areas (ERAs) are high quality examples of natural communities that have been identified as Element Occurrences (EOs) by the Michigan Natural Features Inventory (MNFI) within the context of their natural community classification system. Element Occurrences with viability ranks of A (Excellent) or B (Good) and a Global (G) or State (S) element (rarity) ranking of endangered (1), threatened (2), or rare (3) serve as an initial base of ERAs. They may be located upon any ownership in the State. The system is comprised of individual or associations of natural community types that are managed for restoration and maintenance of natural ecological processes and values. The public may submit recommendations for lands as ERAs using the DNR Conservation Area Recommendation Form.



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																																								
1	623 - Emergent Wetland	Nonstocked	1.1		Unspecified	No	Stand swapped from Non-Forested to Forested. Stand swapped from Forested to Non-Forested.																																																																								
2	6224 - Treed Bog	Nonstocked	28.3		Unspecified	No	Stand swapped from Forested to Non-Forested.																																																																								
3	4130 - Aspen	Sapling Well	30.5	32		N/A	good mix of species, no legal access.																																																																								
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4	42290 - Natural Mixed Pine	Sawtimber Well	3.9	101		N/A	no legal access.																																																																								
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Red Pine	40	Log	15																																																																												
5	6224 - Treed Bog	Nonstocked	329.0			No	spruce, black																																																																								
6	4123 - Red Oak	Sawtimber Well	12.5	101	111-140	N/A	red maple and balsam mostly along north edge. poor access																																																																								
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7	4136 - Aspen, Mixed Conifer	Poletimber Well	79.9	37		N/A	potential sink hole WSW of stand 8.																																																																								
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																										
8	330 - Low-Density Trees	Nonstocked	1.5			No	wp rp quaking aspen and honeysuckle																										
9	623 - Emergent Wetland	Nonstocked	73.9			No	Stand swapped from Forested to Non-Forested.																										
10	500 - Water	Nonstocked	0.5	0		No																											
11	6132 - Mixed Lowland Forest with Cedar	Poletimber Well	6.1	97		N/A	low ground drainage.																										
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12	42110 - Planted Red Pine	Sawtimber Well	8.2	59	141-170	N/A	stand has a lot of honey suckle. been 3rd row thinned.																										
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13	6225 - Bog	Nonstocked	48.8			No	New stand added.																										
14	413 - Aspen	Sapling Medium	10.1	3	Immature	N/A	This stand was harvested as part of Sale Name: Kenny Rogers Roasters; Sale No.: 54-002-12-01; Sale Completion Date: 12/6/2016.																										
15	310 - Herbaceous Openland	Nonstocked	2.4		Unspecified	No	Spotted knapweed																										
16	622 - Lowland Shrub	Nonstocked	14.3		Unspecified	No																											
17	6111 - Lowland Balsam Poplar	Sawtimber Poor	3.5	102		N/A	beavers have this mostly under water . may need to change covertime to L or Z.																										
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18	4130 - Aspen	Sapling Medium	6.6	14		N/A	stand was cut in fall 2005. few pockets of poor regen. most of stand looks good.																										
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
19	4130 - Aspen	Sapling Well	16.5	15	Immature	N/A	mature oak and pine with young aspen underneath.
		Canopy Species	% Cover	Size Class	DBH	Age	
		Red Maple	10	Sapling	1		
		Red Oak	12	Log/Pole	12		
		Bigtooth Aspen	75	Sapling	1	15	
		Red Pine	3	Log/Pole	12		
		Sub-Canopy Species	Density	Avg. Height	Size		
		White Pine	Low	10 - 20 feet	Sapling		
20	413 - Aspen	Sapling Medium	18.7	3	Immature	N/A	This stand was harvested as part of Sale Name: Kenny Rogers Roasters; Sale No.: 54-002-12-01; Sale Completion Date: 12/6/2016.
21	4199 - Other Mixed Upland Deciduous	Poletimber Well	15.5	97	81-110	N/A	low quality hardwoods. will work good as visual buffer. hold for 10 20 years.
		Canopy Species	% Cover	Size Class	DBH	Age	
		Sugar Maple	10	Pole	6		
		Red Maple	15	Pole/Log	8		
		Basswood	10	Pole/Log	8		
		White Ash	10	Pole/Log	7		
		Beech	10	Pole/Log	8		
		Red Oak	25	Log	13	97	
		Paper Birch	10	Pole	7		
		Bigtooth Aspen	10	Log/Pole	12		
		Sub-Canopy Species	Density	Avg. Height	Size		
		Red Maple	Medium	5 - 10 feet	Sapling		
		Balsam Fir	Low	Variable	Sapling		
		Ironwood	Medium	5 - 10 feet	Sapling		
22	4199 - Other Mixed Upland Deciduous	Sawtimber Well	4.9	100	111-140	N/A	retention/buffer stand along Loon Lake. pockets of low ground tag alder mixed in.
		Canopy Species	% Cover	Size Class	DBH	Age	
		Red Maple	30	Pole	8		
		Red Oak	50	Log/Pole	11	100	
		Bigtooth Aspen	10	Log	13		
		White Pine	5	Log/Pole	11		
		Red Pine	5	Log/Pole	13		
		Sub-Canopy Species	Density	Avg. Height	Size		
		White Pine	Medium	Variable	Sapling		
		Tag Alder	Medium	5 - 10 feet	Tall Shrub		
23	310 - Herbaceous Openland	Nonstocked	4.1			No	
24	42110 - Planted Red Pine	Sawtimber Well	5.8	59	141-170	N/A	thinned in 2006
		Canopy Species	% Cover	Size Class	DBH	Age	
		Red Pine	100	Log/Pole	11	59	
		Sub-Canopy Species	Density	Avg. Height	Size		
		Red Oak	Low	5 - 10 feet	Sapling		
		Red Maple	Full	10 - 20 feet	Sapling		
25	4130 - Aspen	Poletimber Well	40.0	37		N/A	
		Canopy Species	% Cover	Size Class	DBH	Age	
		Red Maple	10	Pole/Sapling	5	37	
		Bigtooth Aspen	90	Pole	7	37	
		Sub-Canopy Species	Density	Avg. Height	Size		
		White Pine	Medium	5 - 10 feet	Sapling		



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																						
26	6132 - Mixed Lowland Forest with Cedar	Sawtimber Well	13.3	110		N/A	Lowground. Too wet to Harvest.																																						
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27	42290 - Natural Mixed Pine	Sawtimber Well	11.6	102	81-110	N/A	New stand added. small drainage runs through stand.																																						
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28	4123 - Red Oak	Sawtimber Well	14.1	90	81-110	N/A																																							
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30	6112 - Lowland Aspen	Sapling Well	8.5	43		N/A	New stand added. good mix of species.																																						
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31	6120 - Lowland Cedar	Poletimber Well	3.4	117		N/A																																																			
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32	320 - Upland Shrub	Nonstocked	1.0		Unspecified	No																																																			
33	6127 - Lowland Pine	Sawtimber Well	33.5	101		N/A	stand has low ground and drainage runs through stand. could cut edge of stand with adjacent stand.																																																		
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36	4133 - Aspen, Mixed Pine	Sapling Well	19.2	26	Immature	N/A	mix of species regenerating.																																																		
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38	6120 - Lowland Cedar	Poletimber Well	7.5	117		N/A																																													
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39	6128 - Lowland Coniferous, Mixed Deciduous	Sapling Medium	2.4	43		N/A	New stand added. should be two stands but acreage is small. north part of stand is aspen, south part of stand is cedar regen.																																												
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40	320 - Upland Shrub	Nonstocked	1.0		Unspecified	No																																													
41	6120 - Lowland Cedar	Poletimber Well	18.3	102		N/A	New stand added.																																												
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42	42210 - Natural Red Pine	Sawtimber Medium	9.0	82	81-110	N/A	stand was species thinned in 2006. should have cut some red pine to open canopy up more. some jack pine regen . Hold for now due to large amount of RP harvest to south.																																												
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44	4130 - Aspen	Sapling Well	10.9	14	Immature	N/A	stand was cut in 2006.																																																																								
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46	3102 - Grass	Nonstocked	6.0			Managed Opening																																																																									
47	4133 - Aspen, Mixed Pine	Poletimber Well	19.3	50		N/A	hold 10 years for age class diversity																																																																								
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48	4132 - Aspen, Jack Pine	Sapling Well	3.9	22	Immature	N/A	scattered red pine and oak regen.																																																																								
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49	623 - Emergent Wetland	Nonstocked	126.2			No																																																																									
50	4130 - Aspen	Poletimber Well	13.8	48		N/A																																																																									
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51	42110 - Planted Red Pine	Sawtimber Well	20.5	37	141-170	N/A																																															
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52	6120 - Lowland Cedar	Sawtimber Well	19.6	100		N/A	Transition zone from aspen to low ground. edge of low ground has a lot of cedar regen.																																														
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55	4112 - Maple, Beech, Cherry Association	Sawtimber Well	4.6	83	81-110	N/A	stand was thinned in 2006.																																														
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56	42110 - Planted Red Pine	Sawtimber Well	42.9	61	141-170	N/A	scattered jack pine and aspen.																																														
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57	31021 - Cool Season Grass	Nonstocked	7.2			Managed Opening	Stand swapped from Forested to Non-Forested.																																														
58	4130 - Aspen	Sawtimber Well	4.0	56		N/A	dry site aspen																																														
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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59 4112 - Maple, Beech, Cherry Association Poletimber Well 5.9 81 81-110 N/A stand was thinned in 2006

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	61	Pole/Log	8	81	Balsam Fir	Medium	10 - 20 feet	Sapling
Red Maple	27	Pole/Log	8		Red Maple	Low	< 5 feet	Sapling
Basswood	5	Log/Pole	11		White Ash	High	10 - 20 feet	Sapling
Red Oak	2	Log	14		Ironwood	Low	5 - 10 feet	Sapling
Paper Birch	5	Pole	7					

60 31021 - Cool Season Grass Nonstocked 1.1 Managed Opening needs work?

61 4130 - Aspen Sapling Medium 66.8 3 Immature N/A

Canopy Species	% Cover	Size Class	DBH	Age
Bigtooth Aspen	85	Sapling	1	3
Black/Red (Hybrid) Oak	5	Log	13	
Red Maple	10	Sapling	1	

62 42110 - Planted Red Pine Sawtimber Well 13.5 59 81-110 N/A stand was thinned in 2005.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Pine	100	Log	11	59	Sugar Maple	Full	Variable	Sapling

63 4136 - Aspen, Mixed Conifer Poletimber Well 92.2 48 N/A most of balsam understory is in west side of stand.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	5	Pole	6		Red Maple	High	>20 feet	Sapling
Red Oak	2	Log	12		Balsam Fir	High	>20 feet	Sapling
Quaking Aspen	15	Pole	7					
Bigtooth Aspen	53	Pole/Log	8	48				
Balsam Fir	15	Pole	8					
Red Pine	10	Log	12					

64 310 - Herbaceous Openland Nonstocked 1.2 No

65 4319 - Mixed Upland Forest Poletimber Well 13.1 48 81-110 N/A hold for age class diversity and habitat

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	10	Pole	5		Red Maple	High	Variable	Sapling
Quaking Aspen	35	Pole	7	48	Balsam Fir	High	>20 feet	Sapling
Balsam Fir	30	Pole	7					
Northern White Cedar	25	Log/Pole	12					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																													
66	4134 - Aspen, Spruce/Fir	Poletimber Well	10.8	30	Immature	N/A																																														
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67	310 - Herbaceous Openland	Nonstocked	1.9		Unspecified																																															
68	310 - Herbaceous Openland	Nonstocked	5.1			Managed Opening																																														
69	4131 - Aspen, Oak	Poletimber Well	14.8	48		N/A	need for age class diversity and visual.																																													
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70	4130 - Aspen	Sapling Medium	7.6	4	Immature	N/A	This stand was harvested as part of Sale Name: Kenny Rogers Roasters; Sale No.: 54-002-12-01; Sale Completion Date: 12/6/2016.																																													
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71	3202 - Autumn Olive/Honeysuckle	Nonstocked	11.4		Immature	Managed Opening																																														
72	320 - Upland Shrub	Nonstocked	3.5			No	dominated by honeysuckle and autumn olive																																													
73	4133 - Aspen, Mixed Pine	Sapling Medium	15.1	4	Immature	N/A	This stand was harvested as part of Sale Name: Kenny Rogers Roasters; Sale No.: 54-002-12-01; Sale Completion Date: 12/6/2016.																																													
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74	500 - Water	Nonstocked	27.5			No																																														



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75	6132 - Mixed Lowland Forest with Cedar	Sawtimber Poor	10.3	94	1-50	N/A	standing water throughout stand.																																									
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76	42110 - Planted Red Pine	Poletimber Well	9.6	37	171-200	N/A	honey suckle along edges of stand.																																									
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77	42220 - Natural Jack Pine	Sapling Medium	48.3	17	Immature	N/A	stand was cut in 2003.																																									
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81	42110 - Planted Red Pine	Sawtimber Well	17.0	59	141-170	N/A	stand was thinned in 2003.																																						
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82	42110 - Planted Red Pine	Sawtimber Well	1.5	83	111-140	N/A	nice mature pine.																																						
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83	122 - Road/Parking Lot	Nonstocked	8.1			No	road																																						
84	122 - Road/Parking Lot	Nonstocked	2.3	0		No	New stand added.																																						
85	4191 - Mixed Upland Deciduous with Conifer	Sawtimber Well	6.3	87	81-110	N/A																																							
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86	6122 - Black Spruce	Poletimber Medium	2.4	121		N/A	New stand added.																																						
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87	4130 - Aspen	Sawtimber Well	7.6	82		N/A	This stand was part of the stand to the north that was not harvested. Therefore, the stand data is likely inaccurate.																																						
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
88	4130 - Aspen	Poletimber Well	18.0	26	Immature	N/A	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Red Maple		2	Sapling	4		Red Maple	
Bigtooth Aspen		80	Pole/Sapling	5	26	High	
White Pine		15	Pole/Log/Sap	9		>20 feet	
Red Pine		3	Log	14		Sapling	
89	2111 - Non-vegetated Farmland	Nonstocked	1.4	0	Unspecified	No	
90	330 - Low-Density Trees	Nonstocked	1.9			No	scattered white pine.
Sub-Canopy Species		Density	Avg. Height	Size			
Pin Cherry		Low	5 - 10 feet	Sapling			
Red Oak		Trace	5 - 10 feet	Sapling			
91	42290 - Natural Mixed Pine	Poletimber Well	11.8	56	51-80	N/A	cut aspen, left pine.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Black/Red (Hybrid) Oak		5	Log	14		Black/Red (Hybrid) Oak	
Jack Pine		15	Log/Pole	10		Medium	
White Pine		50	Pole	9	56	5 - 10 feet	
Red Pine		15	Log	12		Medium	
Bigtooth Aspen		15	Pole	5	26	10 - 20 feet	
						>20 feet	
						Sapling	
92	42210 - Natural Red Pine	Sawtimber Well	3.8	86	171-200	N/A	pockets of big pine in an A3 stand.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Red Oak		15	XLog	18		White Pine	
White Pine		5	XLog	26		High	
Red Pine		80	Log/XLog	16	86	>20 feet	
						Sapling	
93	4311 - Pine, Aspen Mix	Poletimber Well	9.1	26	51-80	N/A	mix of species regenerating. pockets of big pine in stand.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Red Maple		3	Sapling	3		Red Maple	
Red Oak		2	Sapling/Pole	4		Full	
Bigtooth Aspen		50	Pole	6	26	>20 feet	
White Pine		45	Log/Pole	10		Sapling	
94	4311 - Pine, Aspen Mix	Sawtimber Well	2.1	62	111-140	N/A	more or less a retention pocket.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Red Maple		15	Pole	6		White Pine	
Bigtooth Aspen		30	Log	15		High	
White Pine		5	Log	17		5 - 10 feet	
Red Pine		50	Log	17	62	Sapling	



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
95	42200 - Natural White Pine	Poletimber Medium	3.7	27	1-50	N/A	mostly shrubby white pine
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
White Pine		100	Pole	7	27	Tag Alder	
						Density	Avg. Height
						Medium	10 - 20 feet
							Size
							Tall Shrub
96	6127 - Lowland Pine	Sawtimber Well	11.5	101		N/A	stand has low ground and drainage runs through stand. could cut edge of stand with adjacent stand.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Red Maple		5	Log/Pole	10		Red Maple	
Bigtooth Aspen		10	Log/Pole	11		Balsam Fir	
Balsam Fir		5	Pole/Log	10		White Pine	
Northern White Cedar		5	Pole/Log	8			
White Pine		50	Log	13	101		
Red Pine		25	Log	13			
						Density	Avg. Height
						Medium	5 - 10 feet
							Size
							Sapling
97	4130 - Aspen	Poletimber Well	2.5	46		N/A	hold 10-20 years.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Red Maple		10	Pole	6		Red Maple	
Red Oak		10	Log/Pole	12		Balsam Fir	
Bigtooth Aspen		70	Pole	7	46	White Pine	
White Pine		5	Log	11			
Red Pine		5	Log	12			
						Density	Avg. Height
						Low	5 - 10 feet
							Size
							Sapling
98	6127 - Lowland Pine	Sawtimber Well	13.2	101		N/A	stand has low ground and drainage runs through stand. could cut edge of stand with adjacent stand.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Red Maple		5	Log/Pole	10		Red Maple	
Bigtooth Aspen		10	Log/Pole	11		Balsam Fir	
Balsam Fir		5	Pole/Log	10		White Pine	
Northern White Cedar		5	Pole/Log	8			
White Pine		50	Log	13	101		
Red Pine		25	Log	13			
						Density	Avg. Height
						Medium	5 - 10 feet
							Size
							Sapling
99	4311 - Pine, Aspen Mix	Sawtimber Well	11.6	48	51-80	N/A	hold for age class diversity and habitat
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Red Maple		15	Pole	5		Red Maple	
Bigtooth Aspen		30	Pole/Log	9	48	Balsam Fir	
Balsam Fir		5	Pole	7			
Northern White Cedar		5	Log/Pole	10			
White Pine		20	Log	13			
Red Pine		20	Log/XLog	17	98		
Hemlock		5	Log/Pole	10			
						Density	Avg. Height
						Medium	Variable
							Size
							Sapling



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																												
100	4134 - Aspen, Spruce/Fir	Poletimber Well	5.7	48		N/A																													
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101	42290 - Natural Mixed Pine	Sapling Poor	4.9	30	1-50	N/A	Jack pine, honeysuckle and autumn olive all in one place.																												
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