



Compartment Review Presentation

Atlanta Forest Management Unit

Compartment 54120

Entry Year 2017

Acreage: 1,658

County Presque Isle

Management Area: Cheboygan Basin Moraines

Revision Date: 2015-06-18

Stand Examiner: Richard Barber

Legal Description:

T33N, R2E, Sec. 13, 14, & 15.

Identified Planning Goals:

Protection of karst resource.

Soil and topography:

Section 15 features Shoepac Lake, wetlands north of Co. Rd. 634, and some higher, sandy soils. Sections 13 and 14 consist of flat, sandy soils which are well to excessively well drained. A fault line runs east-west through the compartment.

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

Adjacent land is mostly other state land, plus some hunting camps and cottages.

Unique Natural Features:

Part of extensive line of karst formations runs through the south and central portions of this compartment. Multiple ERA's are present.

Archeological, Historical, and Cultural Features:

None Reported.

Special Management Designations or Considerations:

Those portions of this compartment which are bounded by Elk Road, Tomahawk Lake Hwy, Shoepac Lake Road, and Co. Rd. 634 are closed to motorized vehicles by Director's Order.

Watershed and Fisheries Considerations:

No special considerations exist for 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 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. The glacial drift thickness varies between 50 and 200 feet. Beneath the glacial drift is the Devonian Traverse Group. The Traverse is quarried for clay/shale and limestone/cement products near Alpena. There are no known gravel pits within two miles of the compartment, but potential appears to be good. This area has had some drilling for Silurian Niagaran Reefs, with production occurring to the north and west. Additional drilling is possible. The Antrim Shale is not present here. Nearly all State mineral rights in the township are currently under lease for oil and gas development.

Vehicle Access:

A director's order has already closed those parts of Compartments 120 and 123 (directly to the south) which fall within the borders of County Road 634, Shoepac Lake Road, Tomahawk Lake Highway, and Elk Road. Enforcement has been difficult, as ORVs enter the area from Shoepac Lake Road, Elk Road, or the ORV Route in Compartment 123.

Survey Needs:

Survey's may be required for timber sale prep.

Recreational Facilities and Opportunities:

The Shoepac Lake Access, Shoepac Lake Forest Campground(just south in Compartment 123), the Sinkholes Pathway, and the High Country Pathway are all popular attractions.

Fire Protection:

This compartment is located in the protection area of the Onaway DNR and the Onaway Fire Department located in Onaway. Fire starts have been from campfires and ORV's. Access is good with many county and 40 roads.

Additional Compartment Information:

The following reports from the Inventory are attached:

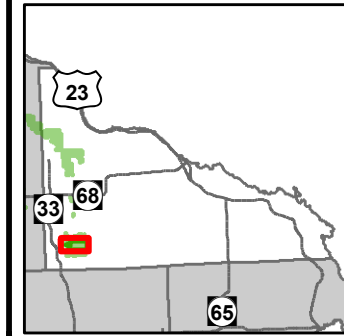
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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

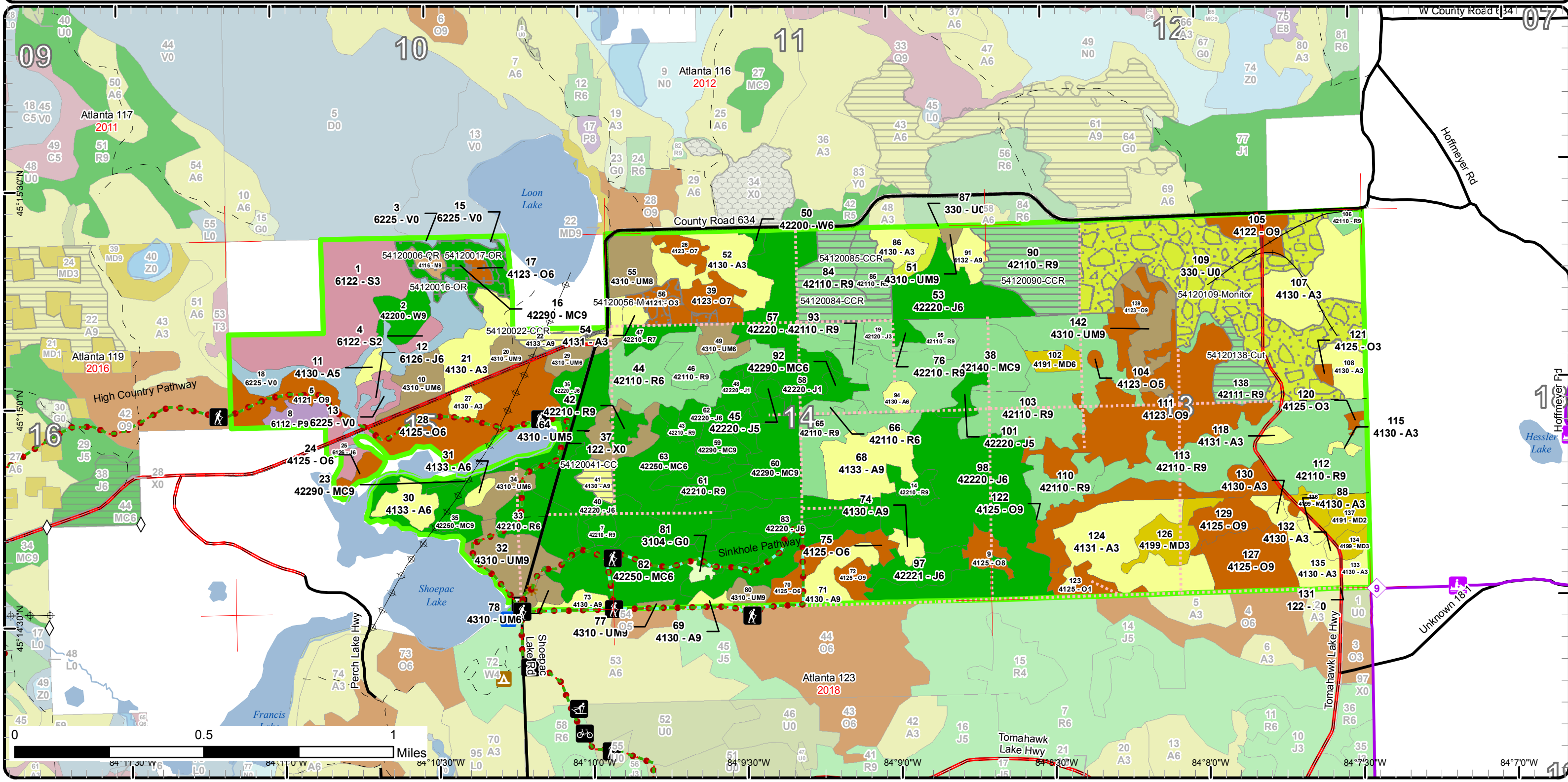
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

Cover Type & Treatments Map

Compartment: 120
 T33N, R02E, Sec: 13 - 15
 County: Presque Isle
 Unit: Atlanta
 Mgmt Area: Cheboygan Basin Moraines
 YOE: 2017
 Acres: 1658 GIS Calculated
 Examiner: Richard Barber
 Map Revised: 9/21/2015
 Map Phase: Post Review

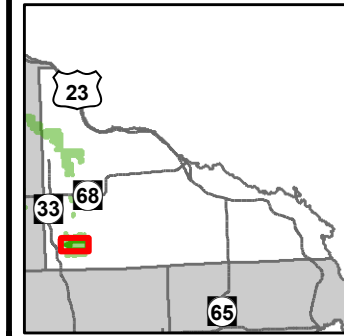


- ◇ Field Grade GPS Corners
- Miris Corners
- Paved Roads
- County Gravel Roads
- Poor Dirt Roads
- Closed Roads
- Boating Access Site
- Campground
- P Parking Lot
- Trailhead
- Bike Trails
- Hiking Trails
- Ski Trails
- Snowmobile Trails
- Designated Hiking Pathways
- Designated Bicycle Trails
- Designated Equestrian Trails
- Designated Ski Trails
- Designated Snowmobile Trails
- Railroads
- Rivers
- Lakes
- Pipeline
- Powerline
- Treatments
- Clearcut (w/Reserves)
- Regeneration Survey
- Havest, Overstory Removal
- Forest Covertype
- 411 - Northern Hardwood
- 412 - Oak Types
- 413 - Aspen Types
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 422 - Natural Pines
- 430 - Upland Mixed Fores
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- Non-Forest Covertype
- 122 - Roads/Parking Lot
- 310 - Herbaceous Openland
- 330 - Low Density Trees
- 622 - Lowland Shrub



Stand Boundary Map

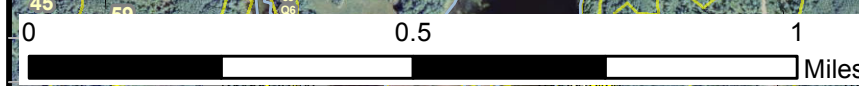
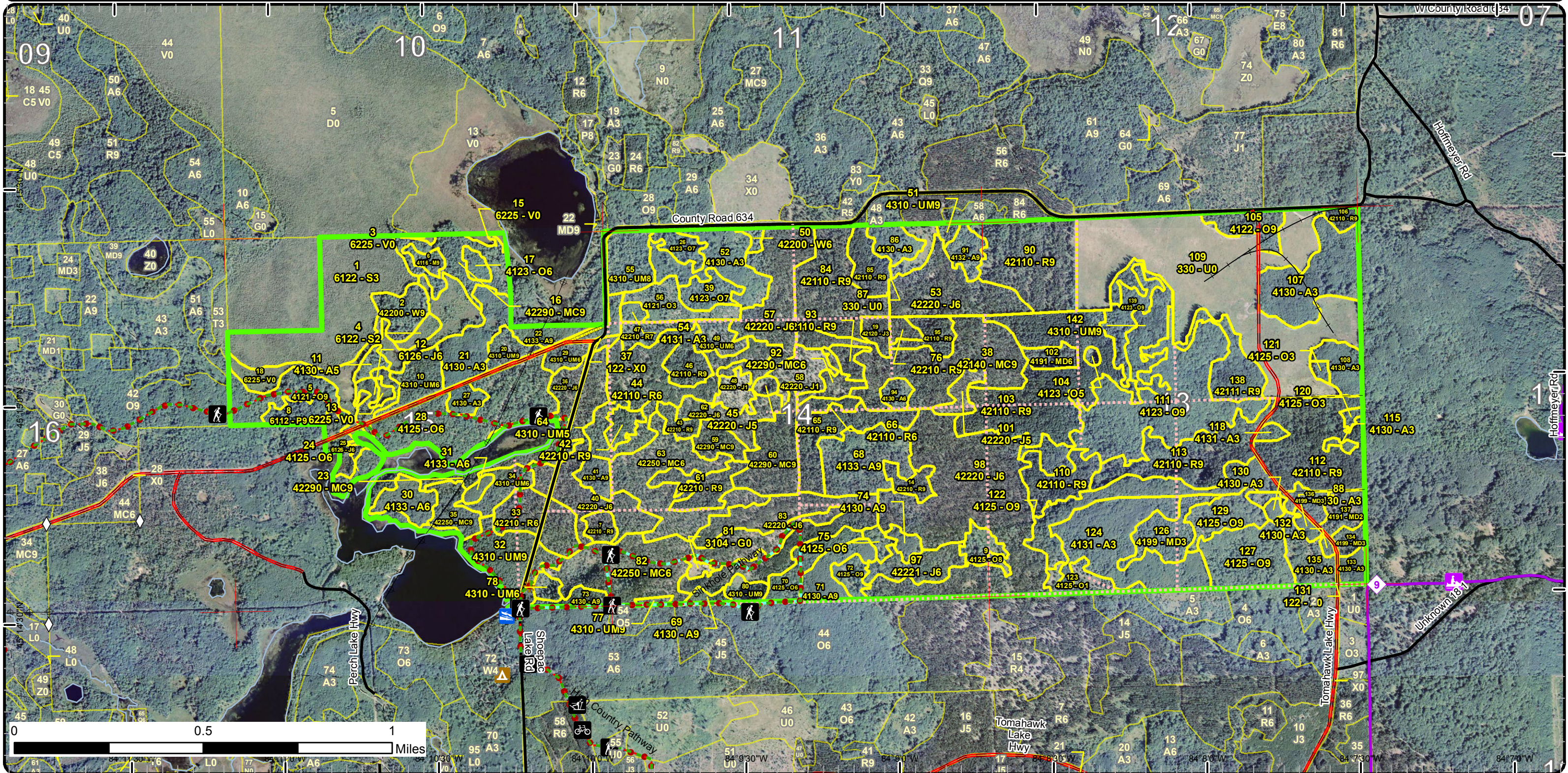
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- Railroads
- Rivers
- Pipeline
- Powerline
- Stand Boundaries
- Forest Covertype
- Non-Forest Covertype

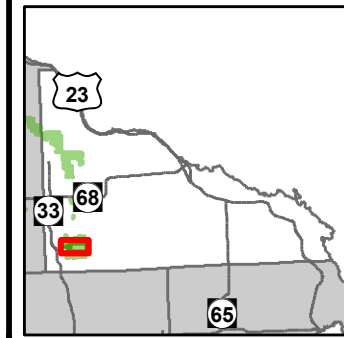
- 412 - Oak Types
- 413 - Aspen Types
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
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411 - Northern Hardwood

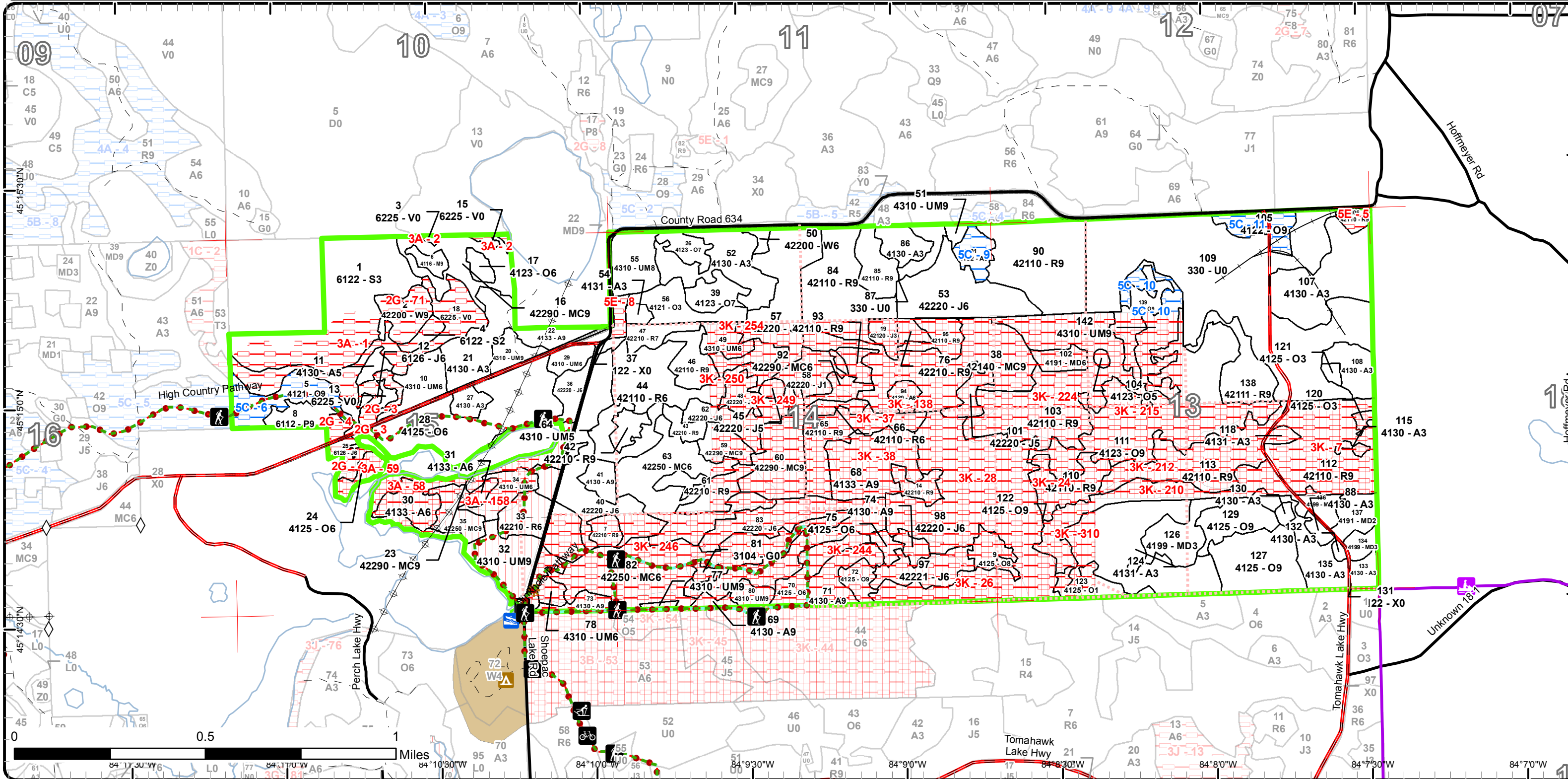


Special Conservation Areas & Site Conditions Map

Compartment: 120
 T33N, R02E, Sec: 13 - 15
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- 🚶 Hiking Trails
- 🏂 Ski Trails
- 🚙 Snowmobile Trails
- Designated Hiking Pathways
- Designated Bicycle Trails
- Designated Equestrian Trails
- Designated Ski Trails
- Designated Snowmobile Trails
- Railroads
- Rivers
- Pipeline
- ⚡ Powerline
- Stand Boundaries
- Site Condition
- Available w/ Constraints
- Unavailable
- Available Factors W/ Constraints**
- 5C: Delay treatment for age/size class diversity or exceptional site quality
- Unavailable Factors**
- 2G: Too wet (sensitive soils, does not include access issues)
- 3A: Potential old growth / biodiversity
- 3K: Rare or unique landforms
- 5E: Long-Term Retention
- Special Conservation Areas
- Cold Water Streams
- State Forest Campground



Report 1 – Total Acres by Cover Type and Age Class

Atlanta Mgt. Unit

Compartment 120 Year of Entry 2017

Richard Barber : Examiner



Age Class

	Non-Forest	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100-109	110-119	120-129	130-139	140-149	150+	Uneven-Aged	Total
Aspen	0	0	116	34	0	0	33	0	27	19	0	0	0	0	0	0	0	0	229
Bog	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32
Herbaceous Openland	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Jack Pine	0	0	0	0	0	35	88	11	138	0	0	0	0	0	0	0	0	0	272
Low-Density Trees	116	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	116
Lowland Aspen/Balsam Poplar	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	6
Lowland Spruce/Fir	0	0	0	0	0	0	0	0	54	0	0	0	0	0	0	0	0	0	54
Mixed Upland Deciduous	0	0	13	15	0	0	0	0	0	0	0	0	0	0	0	0	0	5	33
Natural Mixed Pines	0	0	0	0	0	0	5	0	144	0	0	0	0	0	0	0	0	0	149
Northern Hardwood	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	3
Oak	0	11	7	3	0	1	0	0	190	48	0	0	0	0	0	0	0	0	260
Planted Mixed Pines	0	0	0	0	0	0	0	0	43	0	0	0	0	0	0	0	0	0	43
Red Pine	0	0	0	0	0	0	26	56	257	0	0	0	0	0	0	0	0	0	339
Upland Mixed Forest	0	0	0	0	0	5	2	0	89	5	0	0	0	0	0	0	0	0	101
Urban	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
White Pine	0	0	0	0	0	0	2	0	10	0	0	0	0	0	0	0	0	0	12
Total	159	11	136	52	0	47	156	67	955	72	0	0	0	0	0	0	0	5	1660



Report 2 – Treatment Summary

Atlanta Mgt. Unit
Year of Entry: 2017

Acres of Harvest

Compartment 120
Total Compartment Acres: 1,658

Commercial Harvest - 112
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	11	0	0	0	0	0	0	0	0	11
Natural Mixed Pines	0	0	0	0	0	15	0	0	0	15
Northern Hardwood	0	0	0	0	0	3	0	0	0	3
Oak	0	0	0	0	0	3	0	0	0	3
Red Pine	80	0	0	0	0	0	0	0	0	80
Total	91	0	0	0	0	21	0	0	0	112

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	112	0	0	0	0	0	119	0	0	230
Next Step	0	160	80	0	80	80	192	0	0	593
Total	112	160	80	0	80	80	310	0	0	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	54120006-OR	2.9	4116 - Mixed N. Hardwood - Aspen	Sawtimber Well	77	Unspec ified	Harvest	Overstory Removal	4220 - Natural White Pine	Even-Aged	Draft Field Boundary

Habitat Cut: No**Site Condition:**

Prescription CCR. Shortwood to release advanced white pine regeneration. Retain 3 to 10 percent of treatment area in one or more patches. Location(s) will be determined during sale prep and will include mature white pine to act as seed source. Use seasonal restrictions for wet soils and slippery bark.

Next Step
Treatments:

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

Other Comment: Old next step comments:

Proposed Start Date: 10/1 /2016

16	54120016-OR	14.9	42290 - Natural Mixed Pine	Sawtimber Well	77	111- 140	Harvest	Overstory Removal	4220 - Natural White Pine	Even-Aged	Draft Field Boundary
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Habitat Cut: No**Site Condition:**

Prescription CCR. Shortwood to release advanced white pine regeneration. Retain 3 to 10 percent of treatment area in one or more patches. Location(s) will be in 1 chain buffer along ERA's and wetlands and will include mature white pine to act as seed source. Use seasonal restrictions for wet soils and slippery bark.

Next Step
Treatments:

Acceptable Regen: Acceptable regeneration is any combination of white pine, maple, oak, or aspen resulting in a medium or well stocked stand.

Other Comment: Old next step comments:

Proposed Start Date: 10/1 /2016

17	54120017-OR	2.8	4123 - Red Oak	Poletimber Well	77	51-80	Harvest	Overstory Removal	4310 - Pine, Oak Mix	Even-Aged	Draft Field Boundary
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Habitat Cut: No**Site Condition:**

Prescription CCR. Shortwood to release advanced white pine regeneration. Retain 3 to 10 percent of treatment area in one or more patches which will include mature oak. Use seasonal restrictions for wet soils and slippery bark.

Next Step
Treatments:

Acceptable Regen: Acceptable regeneration is any combination of oak, white pine, or aspen resulting in a medium or well stocked stand.

Other Comment: Old next step comments:

Proposed Start Date: 10/1 /2016

22	54120022- CCR	5.9	4133 - Aspen, Mixed Pine	Sawtimber Well	74	Unspec ified	Harvest	Clearcut with Retention	4131 - Aspen, Oak	Even-Aged	Draft Field Boundary
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Habitat Cut: No**Site Condition:**

Prescription CCR. Do not east of Co. Rd. 634. May require seasonal restrictions for loon habitat. Use grouse drumming log spec.

Next Step
Treatments:

Acceptable Regen: Any combination of aspen, oak, pine, or maple resulting in a medium or well stocked stand.

Other 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
41	54120041-CC	4.9	4130 - Aspen	Sawtimber Well	71	Unspec ified	Harvest	Clearcut	4319 - Mixed Upland Forest	Even-Aged	Draft Field Boundary

Habitat Cut: No**Site Condition:**

Prescription CC without retention due to small area. Shortwood due to small area and recreation and ERA influences. Use seasonal restrictions for wet
Specs: soils. Use grouse drumming log spec.

Next Step
Treatments:

Acceptable Any combination of aspen, oak, pine, or maple resulting in a medium or well stocked stand.
Regen:

Other Similar and generous retention is being left to the north, in stand 22. Old next step comments:
Comment:

Proposed Start Date: 10/1 /2016

56	54120056- Monitor	7.6	4121 - Oak, Aspen	Sapling Well	7	Immatur re	Monitoring	Natural Regen (Re-Inventory)	412 - Oak Types	Even-Aged	Draft Field Boundary
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Habitat Cut: No**Site Condition:**

Prescription See if there are enough trees.
Specs:

Next Step
Treatments:

Acceptable Any combination of oak, aspen or conifer.
Regen:

Other Old next step comments:
Comment:

Proposed Start Date: 6 /16/2015

84	54120084- CCR	24.5	42110 - Planted Red Pine	Sawtimber Well	77	81-110	Harvest	Clearcut with Retention	4211 - Planted Red Pine	Even-Aged	Draft Field Boundary
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Habitat Cut: No**Site Condition:**

Prescription CCR. Located in non-motorized area. To facilitate re-planting, must chip tops (excluding 1/6 to 1/3) concurrent with harvest.
Specs:

Next Step SitePrep, Roller Chopping; Pesticide, Aerial; Burn, Other; SitePrep, Trenching; Planting, Initial Plant
Treatments:

Acceptable Acceptable regeneration is any combination of red pine, oak, aspen, or white pine resulting in a medium or well stocked stand incontrovertibly
Regen: dominated by unsuppressed red pine.

Other Old next step comments:
Comment:

Proposed Start Date: 10/1 /2016

85	54120085- CCR	9.2	42110 - Planted Red Pine	Sawtimber Well	77	111- 140	Harvest	Clearcut with Retention	4211 - Planted Red Pine	Even-Aged	Draft Field Boundary
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Habitat Cut: No**Site Condition:**

Prescription CCR. Located in non-motorized area. To facilitate re-planting, must chip tops (excluding 1/6 to 1/3) concurrent with harvest. Retain 3 to 10
Specs: 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.

Next Step SitePrep, Roller Chopping; Burn, Other; Pesticide, Aerial; SitePrep, Trenching; Planting, Initial Plant
Treatments:

Acceptable Acceptable regeneration is any combination of red pine, oak, aspen, or white pine resulting in a medium or well stocked stand incontrovertibly
Regen: dominated by unsuppressed red pine.

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
90	54120090- CCR	34.6	42110 - Planted Red Pine	Sawtimber Well	62	81-110	Harvest	Clearcut with Retention	4211 - Planted Red Pine	Even-Aged	Draft Field Boundary

Habitat Cut: No**Site Condition:**

Prescription CCR. Located in non-motorized area. To facilitate re-planting, must chip tops (excluding 1/6 to 1/3) concurrent with harvest. 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.

Next Step SitePrep, Roller Chopping; Burn, Other; Pesticide, Aerial; SitePrep, Trenching; Planting, Initial Plant
Treatments:

Acceptable Acceptable regeneration is any combination of red pine, oak, aspen, or white pine resulting in a medium or well stocked stand incontrovertibly
Regen: dominated by unsuppressed red pine.

Other Old next step comments:
Comment:

Proposed Start Date: 10/1 /2016

109	54120109- Monitor	110.9	330 - Low-Density Trees	Nonstocked		Unspec ified	Monitoring	Artificial Regen(3yr)	4211 - Planted Red Pine	Even-Aged	Draft Field Boundary
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Habitat Cut: No**Site Condition:**

Prescription Survey
Specs:

Next Step
Treatments:

Acceptable Planted red pine
Regen:

Other Old next step comments:
Comment:

Proposed Start Date: 10/1 /2016

138	54120138-Cut	11.9	42111 - Planted Red Pine, Mixed Deciduous	Sawtimber Well	77	111- 140	Harvest	Clearcut with Retention	4211 - Planted Red Pine	Even-Aged	Draft Field Boundary
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Habitat Cut: No**Site Condition:**

Prescription CCR. Located in non-motorized area. To facilitate re-planting, must chip tops (excluding 1/6 to 1/3) concurrently with harvest. Retain narrow northeast part of stand as retention area.

Next Step SitePrep, Roller Chopping; Burn, Other; Pesticide, Aerial; SitePrep, Trenching; Planting, Initial Plant
Treatments:

Acceptable Acceptable regeneration is any combination of red pine, oak, aspen, or white pine resulting in a medium or well stocked stand incontrovertibly
Regen: dominated by unsuppressed red pine.

Other Old next step comments:
Comment:

Proposed Start Date: 10/1 /2016

**Total Treatment
Acreage Proposed: 230.1**

Report 5 – Site Conditions

Atlanta Mgt. Unit
Richard Barber : Examiner

Compartment: 120
Year of Entry: 2017

Availability for Management

Total Acres	Acres Available	Acres Avail <i>With Condition</i> Not Available			Dominant Site Conditions				
					5C	2G	3A	3K	5E
228	153	6	69	Aspen	6		11	56	3
32	4	0	28	Bog		0	28		
2	0	0	2	Herbaceous Openland				2	
272	76	0	196	Jack Pine		11	1	184	
116	116	0	0	Low-Density Trees				0	
6	6	0	0	Lowland Aspen/Balsam Poplar					
54	30	0	25	Lowland Spruce/Fir		0	24		
32	27	0	5	Mixed Upland Deciduous				5	
150	50	0	100	Natural Mixed Pines			13	87	
3	3	0	0	Northern Hardwood					
259	126	24	109	Oak	24		4	105	
43	0	0	43	Planted Mixed Pines				43	
339	138	0	201	Red Pine			1	197	3
101	61	6	34	Upland Mixed Forest	6		6	27	
9	9	0	0	Urban				0	
12	3	0	8	White Pine		8	0		
1,658	803	36	819	Total Forested Acres	36	19	89	705	6
	48%	2%	49%	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	3A: Potential old growth / biodiversity	50	Unspecified	Unspecified	Unspecified	Unspecified
Comments: ERA							
2	Unavailable	3A: Potential old growth / biodiversity	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments: ERA							

Report 5 – Site Conditions

Atlanta Mgt. Unit
Richard Barber : Examiner

Compartment: 120
Year of Entry: 2017

3	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
4	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
5	Unavailable	5E: Long-Term Retention	3	1D: Interest Group / Neighbor	Unspecified	Unspecified	Unspecified
Comments: Left as retention in sale 54-006-07-01 in part to minimize visual impact on neighbor. Result of compartment review decision dated October 19, 2005.							
6	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	15	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Cut with 54-119-42.							
7	Unavailable	3K: Rare or unique landforms	40	3A: Potential old growth / biodiversity	Unspecified	Unspecified	Unspecified
Comments:							
8	Unavailable	5E: Long-Term Retention	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments: This area was left when stands to the immediate east were harvested, so as to help restrict access to non-motorized lands.							

Report 5 – Site Conditions

Atlanta Mgt. Unit
Richard Barber : Examiner

Compartment: 120
Year of Entry: 2017

9	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Delay 10 years due to recent harvest to the north.							
10	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
11	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	9	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
24	Unavailable	3K: Rare or unique landforms	13	3A: Potential old growth / biodiversity	Unspecified	Unspecified	Unspecified
Comments:							
26	Unavailable	3K: Rare or unique landforms	27	3A: Potential old growth / biodiversity	Unspecified	Unspecified	Unspecified
Comments:							
28	Unavailable	3K: Rare or unique landforms	234	3A: Potential old growth / biodiversity	Unspecified	Unspecified	Unspecified
Comments:							

Report 5 – Site Conditions

Atlanta Mgt. Unit
Richard Barber : Examiner

Compartment: 120
Year of Entry: 2017

37	Unavailable	3K: Rare or unique landforms	18	3A: Potential old growth / biodiversity	Unspecified	Unspecified	Unspecified
Comments:							
38	Unavailable	3K: Rare or unique landforms	19	3A: Potential old growth / biodiversity	Unspecified	Unspecified	Unspecified
Comments:							
58	Unavailable	3A: Potential old growth / biodiversity	18	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
59	Unavailable	3A: Potential old growth / biodiversity	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
71	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	9	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
138	Unavailable	3K: Rare or unique landforms	3	3A: Potential old growth / biodiversity	Unspecified	Unspecified	Unspecified
Comments:							

Report 5 – Site Conditions

Atlanta Mgt. Unit
Richard Barber : Examiner

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158	Unavailable	3A: Potential old growth / biodiversity	13	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
210	Unavailable	3K: Rare or unique landforms	23	3A: Potential old growth / biodiversity	2F: Too steep	Unspecified	Unspecified
Comments:							
212	Unavailable	3K: Rare or unique landforms	29	3A: Potential old growth / biodiversity	2F: Too steep	Unspecified	Unspecified
Comments:							
215	Unavailable	3K: Rare or unique landforms	62	3A: Potential old growth / biodiversity	Unspecified	Unspecified	Unspecified
Comments:							
224	Unavailable	3K: Rare or unique landforms	53	3A: Potential old growth / biodiversity	Unspecified	Unspecified	Unspecified
Comments:							
244	Unavailable	3K: Rare or unique landforms	57	3A: Potential old growth / biodiversity	2F: Too steep	Unspecified	Unspecified
Comments:							
246	Unavailable	3K: Rare or unique landforms	72	3A: Potential old growth / biodiversity	2F: Too steep	Unspecified	Unspecified
Comments: ERA for sinkholes							

Report 5 – Site Conditions

Atlanta Mgt. Unit
Richard Barber : Examiner

Compartment: 120
Year of Entry: 2017

249	Unavailable	3K: Rare or unique landforms	33	3A: Potential old growth / biodiversity	Unspecified	Unspecified	Unspecified
Comments:							
250	Unavailable	3K: Rare or unique landforms	6	3A: Potential old growth / biodiversity	Unspecified	Unspecified	Unspecified
Comments:							
254	Unavailable	3K: Rare or unique landforms	6	3A: Potential old growth / biodiversity	Unspecified	Unspecified	Unspecified
Comments:							
310	Unavailable	3K: Rare or unique landforms	11	3A: Potential old growth / biodiversity	Unspecified	Unspecified	Unspecified
Comments:							

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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
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.

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Report 8 – Forested Stands

Compartment: 120
Year of Entry: 2017

Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
6122 - Black Spruce	Sapling Well	51.2	71	Unspecified	treed bog
42200 - Natural White Pine	Sawtimber Well	9.9	76	51-80	
6122 - Black Spruce	Sapling Medium	3.0	71	Unspecified	Treed bog. Very similar to stand 1.
4121 - Oak, Aspen	Sawtimber Well	15.0	80	51-80	High Country Pathway.
4116 - Mixed N. Hardwood - Aspen	Sawtimber Well	2.9	77	Unspecified	
42210 - Natural Red Pine	Sawtimber Well	3.8	71	51-80	Natural stand in shallow depression with better site quality.
6112 - Lowland Aspen	Sawtimber Well	6.4	41	Unspecified	Ice sheet beneath snow.
4125 - Black, N. Pin Oak	Sawtimber Medium	5.8	81	81-110	
4310 - Pine, Oak Mix	Poletimber Well	9.7	77	81-110	
4130 - Aspen	Poletimber Medium	2.8	76	51-80	
6126 - Lowland Jack Pine	Poletimber Well	6.0	76	Unspecified	
42210 - Natural Red Pine	Sawtimber Well	4.8	74	111-140	
42290 - Natural Mixed Pine	Sawtimber Well	16.7	77	111-140	great site for red and white pine.
4123 - Red Oak	Poletimber Well	2.8	77	51-80	
42120 - Planted Jack Pine	Sapling Well	3.9	57	Unspecified	only one real row of rp.
4310 - Pine, Oak Mix	Sawtimber Well	5.5	77	51-80	
4130 - Aspen	Sapling Well	16.2	27	Immature	
4133 - Aspen, Mixed Pine	Sawtimber Well	8.8	74	Unspecified	more oak in the east end, more rp in the west

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Report 8 – Forested Stands

Compartment: 120
Year of Entry: 2017

	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
23	42290 - Natural Mixed Pine	Sawtimber Well	15.3	76	81-110	
24	4125 - Black, N. Pin Oak	Poletimber Well	4.4	76	51-80	
25	6126 - Lowland Jack Pine	Poletimber Well	6.3	76	Unspecified	
26	4123 - Red Oak	Sawtimber Poor	5.5	77	1-50	Managing for oak, wp understory.
27	4130 - Aspen	Sapling Well	4.0	17	Immature	
28	4125 - Black, N. Pin Oak	Poletimber Well	40.3	77	51-80	
29	4310 - Pine, Oak Mix	Poletimber Well	5.4	49	51-80	
30	4133 - Aspen, Mixed Pine	Poletimber Well	8.5	76	Unspecified	
31	4133 - Aspen, Mixed Pine	Poletimber Well	2.0	76	Unspecified	dry site, aspen is poor quality.
32	4310 - Pine, Oak Mix	Sawtimber Well	19.0	76	81-110	
33	42210 - Natural Red Pine	Poletimber Well	16.0	76	81-110	
34	4310 - Pine, Oak Mix	Poletimber Well	7.4	76	81-110	poor quality
35	42250 - Pine, Oak	Sawtimber Well	8.5	76	81-110	
36	42220 - Natural Jack Pine	Poletimber Well	6.7	49	Unspecified	
38	42140 - Planted Mixed Pine	Sawtimber Well	42.9	77	81-110	lcr31:5-3 5-6 stick rp and JP in better portions of stand.
39	4123 - Red Oak	Sawtimber Poor	7.3	77	1-50	Managing for understory.
40	42220 - Natural Jack Pine	Poletimber Well	28.7	49	Unspecified	
41	4130 - Aspen	Sawtimber Well	4.9	71	Unspecified	

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Report 8 – Forested Stands

Compartment: 120
Year of Entry: 2017

	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
42	42210 - Natural Red Pine	Sawtimber Well	4.4	71	81-110	
43	42210 - Natural Red Pine	Sawtimber Well	3.9	71	81-110	
44	42110 - Planted Red Pine	Poletimber Well	25.8	56	81-110	
45	42220 - Natural Jack Pine	Poletimber Medium	1.8	56	Unspecified	
46	42110 - Planted Red Pine	Sawtimber Well	8.7	77	81-110	
47	42210 - Natural Red Pine	Sawtimber Poor	5.4	77	1-50	
48	42220 - Natural Jack Pine	Sapling Poor	5.4	56	Unspecified	
49	4310 - Pine, Oak Mix	Poletimber Well	6.2	77	51-80	
50	42200 - Natural White Pine	Poletimber Well	1.6	56	1-50	central tag alder area, old seep?
51	4310 - Pine, Oak Mix	Sawtimber Well	1.6	56	51-80	quaking aspen is poor quality.
52	4130 - Aspen	Sapling Well	20.3	17	Immature	
53	42220 - Natural Jack Pine	Poletimber Well	26.3	56	Unspecified	
54	4131 - Aspen, Oak	Sapling Well	2.1	17	Immature	
55	4310 - Pine, Oak Mix	Sawtimber Medium	12.0	77	Unspecified	
56	4121 - Oak, Aspen	Sapling Well	11.0	7	Immature	
57	42220 - Natural Jack Pine	Poletimber Well	29.4	57	51-80	
58	42220 - Natural Jack Pine	Sapling Poor	9.3	56	1-50	e-w furrows, sans trees.
59	42290 - Natural Mixed Pine	Sawtimber Well	6.7	74	51-80	blueberry, some areas with bracken

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Report 8 – Forested Stands

Compartment: 120
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	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
60	42290 - Natural Mixed Pine	Sawtimber Well	18.9	74	81-110	
61	42210 - Natural Red Pine	Sawtimber Well	10.3	71	51-80	
62	42220 - Natural Jack Pine	Poletimber Well	11.0	56	Unspecified	
63	42250 - Pine, Oak	Poletimber Well	32.9	71	Unspecified	
64	4310 - Pine, Oak Mix	Poletimber Medium	9.7	71	1-50	
65	42110 - Planted Red Pine	Sawtimber Well	17.7	69	Unspecified	
66	42110 - Planted Red Pine	Poletimber Well	3.3	69	141-170	rp in furrows lcr311:=.5-.3
68	4133 - Aspen, Mixed Pine	Sawtimber Well	23.0	51	Unspecified	conked aspen, off site
69	4130 - Aspen	Sawtimber Well	2.2	81	Unspecified	some areas very dry, poor quality.
70	4125 - Black, N. Pin Oak	Poletimber Well	10.0	81	51-80	
71	4130 - Aspen	Sawtimber Well	10.2	81	Unspecified	
72	4125 - Black, N. Pin Oak	Sawtimber Well	4.8	81	51-80	
73	4130 - Aspen	Sawtimber Well	4.0	81	Unspecified	
74	4130 - Aspen	Sawtimber Well	3.1	81	Unspecified	
75	4125 - Black, N. Pin Oak	Poletimber Well	2.7	81	1-50	
76	42210 - Natural Red Pine	Sawtimber Well	2.7	74	51-80	
77	4310 - Pine, Oak Mix	Sawtimber Well	1.2	81	81-110	
78	4310 - Pine, Oak Mix	Poletimber Well	2.8	71	51-80	



Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
4310 - Pine, Oak Mix	Sawtimber Well	3.9	81	81-110	
42250 - Pine, Oak	Poletimber Well	45.5	71	Unspecified	
42220 - Natural Jack Pine	Poletimber Well	34.9	74	Unspecified	
42110 - Planted Red Pine	Sawtimber Well	28.9	77	81-110	dbh 13 to 16"
42110 - Planted Red Pine	Sawtimber Well	9.2	77	111-140	
4130 - Aspen	Sapling Well	6.8	17	Immature	
4130 - Aspen	Sapling Well	2.1	17	Immature	
42110 - Planted Red Pine	Sawtimber Well	34.6	62	81-110	
4132 - Aspen, Jack Pine	Sawtimber Well	6.2	56	Unspecified	quaking aspen is poor quality.
42290 - Natural Mixed Pine	Poletimber Well	5.3	56	81-110	lcr31:=.5-.75 A few rp in rows, no furrows; many furrows with no trees.
42110 - Planted Red Pine	Sawtimber Well	3.7	74	111-140	rp actually in the furrows May be dry site due to stand 45 influence.
4130 - Aspen	Poletimber Well	3.4	51	Unspecified	aspen is off site and conking out.
42110 - Planted Red Pine	Sawtimber Well	6.8	77	111-140	lcr31:.5-.3 dbh to 16" good height when grown high density
42221 - Natural Jack Pine, Mixed Deciduous	Poletimber Well	11.3	69	Unspecified	
42220 - Natural Jack Pine	Poletimber Well	86.2	74	Unspecified	
42220 - Natural Jack Pine	Poletimber Medium	5.2	74	Unspecified	0-2 stick bushy jp.
4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	4.9	20	Immature	failed portion of red pine plantation, now filling in with trees.
42110 - Planted Red Pine	Sawtimber Well	53.9	77	141-170	lcr31:.3-.25DBH's to 18"



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
104	4123 - Red Oak	Poletimber Medium	1.0	40	1-50	sink hole.
105	4122 - Oak, Pine	Sawtimber Well	9.3	82	51-80	
106	42110 - Planted Red Pine	Sawtimber Well	3.0	78	111-140	lcr31:.33 can't find furrows or rows
107	4130 - Aspen	Sapling Well	28.0	17	Immature	
108	4130 - Aspen	Sapling Well	8.6	26	Immature	
110	42110 - Planted Red Pine	Sawtimber Well	12.9	77	141-170	lcr31:.25
111	4123 - Red Oak	Sawtimber Well	61.5	77	81-110	1-2 logs.
112	42110 - Planted Red Pine	Sawtimber Well	36.7	77	111-140	lcr31:.3
113	42110 - Planted Red Pine	Sawtimber Well	28.3	77	81-110	In bottom of Shoepac-Rainey fault. Contains large sinkhole.
115	4130 - Aspen	Sapling Well	1.2	26	Immature	
118	4131 - Aspen, Oak	Sapling Well	2.0	28	Immature	
120	4125 - Black, N. Pin Oak	Sapling Well	1.3	28	Immature	
121	4125 - Black, N. Pin Oak	Sapling Well	1.5	26	Immature	
122	4125 - Black, N. Pin Oak	Sawtimber Well	24.1	76	81-110	Oak runs 8-14" DBH.
123	4125 - Black, N. Pin Oak	Sapling Poor	7.0	17	Immature	
124	4131 - Aspen, Oak	Sapling Well	39.0	17	Immature	
126	4199 - Other Mixed Upland Deciduous	Sapling Well	12.6	17	Immature	
127	4125 - Black, N. Pin Oak	Sawtimber Well	22.3	76	51-80	

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Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
4125 - Black, N. Pin Oak	Sawtimber Well	11.4	76	51-80	
4130 - Aspen	Sapling Well	1.4	26	Immature	
4130 - Aspen	Sapling Well	0.9	17	Immature	
4130 - Aspen	Sapling Well	4.0	26	Immature	
4199 - Other Mixed Upland Deciduous	Sapling Well	3.5	26	Immature	
4130 - Aspen	Sapling Well	12.5	17	Immature	
4199 - Other Mixed Upland Deciduous	Sapling Well	4.4	26	Immature	
4191 - Mixed Upland Deciduous with Conifer	Sapling Medium	6.9	26	Immature	
42111 - Planted Red Pine, Mixed Deciduous	Sawtimber Well	13.6	77	111-140	rp to 18" dbh lcr31:.3
4123 - Red Oak	Sawtimber Well	10.4	76	81-110	1-2 log quality.
4310 - Pine, Oak Mix	Sawtimber Well	16.2	77	141-170	lcr31:.25



Stand	Cover Type	Acres	Managed Site	General Comments:
3	6225 - Bog	0.7	No	
13	6225 - Bog	1.4	No	bog with open water at center.
15	6225 - Bog	1.5	No	
18	6225 - Bog	28.5	No	bog with occasional heavy tag alder.
37	122 - Road/Parking Lot	8.3	No	
81	3104 - Degraded	1.6	No	blueberry, grass or sand on steep slope of sinkhole. Snow-covered.
87	330 - Low-Density Trees	4.9	No	cherry, shrubby wp and jp, scattered oak saps.
109	330 - Low-Density Trees	110.9		
131	122 - Road/Parking Lot	0.8	No	