



Compartment Review Presentation

Gaylord Forest Management Unit

Compartment 52170

Entry Year 2022

Acreage: 1,590

County Cheboygan

Management Area: Cheboygan Basin Moraines

Revision Date: 2020-03-19

Stand Examiner: Shannon Harig

Legal Description:

T34N R02W Sec. 16, 17, 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.

Soil and topography:

The topography in this compartment is mostly rolling. Soils are well drained, mostly Blue Lake Loamy Sand, Cheboygan Loamy Sand and Rubicon Sand.

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

State ownership is fairly contiguous. Private ownership is mostly larger parcels with few residences. This area is primarily used for various recreational pursuits.

Unique Natural Features:

Archeological, Historical, and Cultural Features:

Special Management Designations or Considerations:

Watershed and Fisheries Considerations:

Wildlife Habitat Considerations:

This compartment lies in the northwestern portion of elk range and therefore elk should be considered when contemplating timber management. Trails leading to a variety of openings and mixed deciduous cover types make this a popular area for wildlife-related recreation between Indian River and Wolverine.

Mineral Resource and Development Concerns and/or Restrictions

An active sand/gravel pit is located approximately one mile to the southwest, and there appears to be minor sand & gravel (mostly sand) potential within the compartment. There is no known proven oil & gas potential in this area and no current leasing activity. Encana drilled one well to the north to test the Collingwood Formation in 2010, but the well was not economical. There is no known metallic mineral potential in this part of the state.

Vehicle Access:

Good access to most of the compartment.

Survey Needs:

Recreational Facilities and Opportunities:

Fire Protection:

Additional Compartment Information:

The following reports from the Inventory are attached:

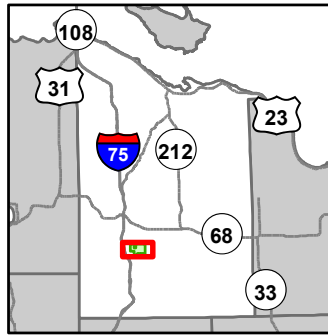
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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

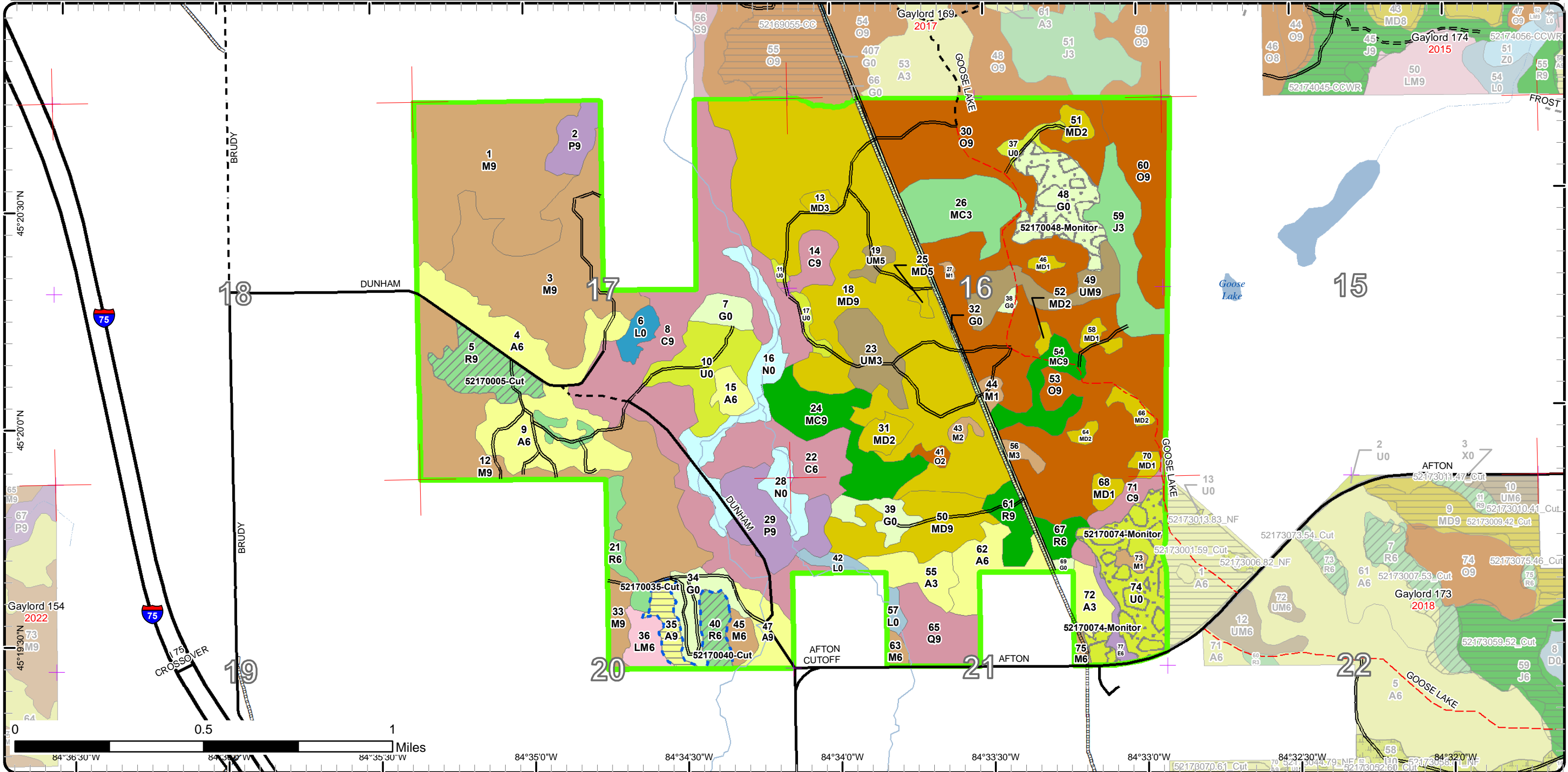
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

Cover Type & Treatments Map

Compartment: 170
 T34N, R02W, Sec. 16, 17, 20, 21
 County: Cheboygan
 Unit: Gaylord
 Mgmt Area: Cheboygan Basin
 Moraines
 YOE: 2022
 Acres: 1,590 GIS Calculated
 Examiner: Shannon Harig
 Map Revised: 11/20/2020
 Map Phase: Post-Review

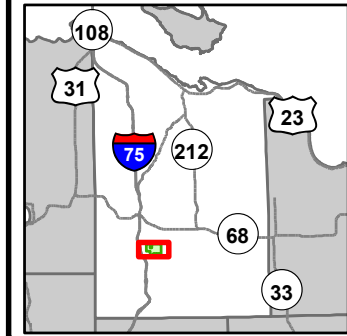


- Miris Corners
- + Remonumented Section Corners
- Counties
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State Highway
- Federal / State / County - Paved Road
- Federal / State - Dirt / Gravel Road
- County - Dirt Road (Seasonal)
- Private - Dirt / Gravel Road
- Intermittent Stream
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Pipeline
- Compartment Boundary
- Treatments with Site Conditions
- Clearcut (w/Reserves)
- Thinning (Crown, Low, Systematic)
- Regeneration Survey
- 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
- 310 - Herbaceous Openland
- 330 - Low Density Trees
- 622 - Lowland Shrub
- 623 - Emergent Wetland
- 629 - Mixed Non-forested Wetland

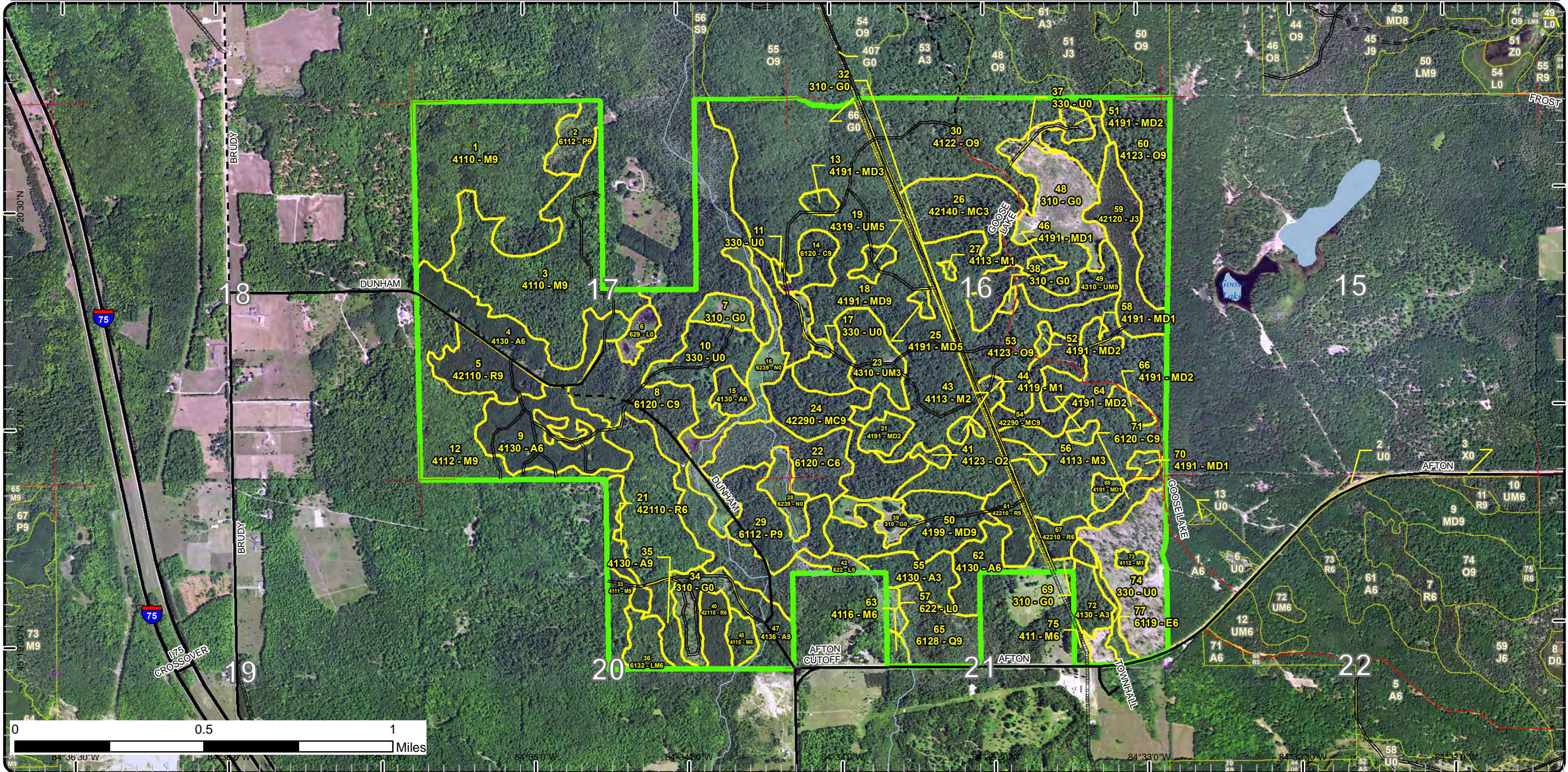


Stand Boundary Map

Compartment: 170
 T34N, R02W, Sec. 16, 17, 20, 21
 County: Cheboygan
 Unit: Gaylord
 Mgmt Area: Cheboygan Basin
 Moraines
 YOE: 2022
 Acres: 1,590 GIS Calculated
 Examiner: Shannon Harig
 Map Revised: 11/20/2020
 Map Phase: Post-Review

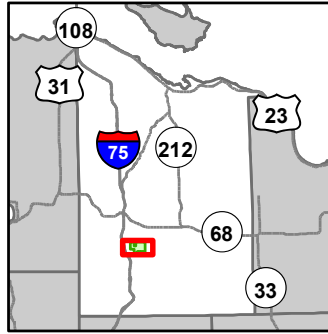


- Miris Corners
 - Remonumented Section Corners
 - Counties
 - DNR - Secondary Forest Road
 - DNR - Forest Access Route
 - Federal / State Highway
 - Federal / State - Dirt / Gravel Road
 - County - Dirt Road (Seasonal)
 - Private - Dirt / Gravel Road
 - Intermittent Stream
 - Lake/Pond
 - Perennial River
 - Lakes and Rivers
 - Pipeline
 - Compartment Boundary
 - Stand Boundaries
- 622 - Lowland Shrub
 - 623 - Emergent Wetland
 - 629 - Mixed Non-forested Wetland
 - 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
 - 310 - Herbaceous Openland
 - 330 - Low Density Trees

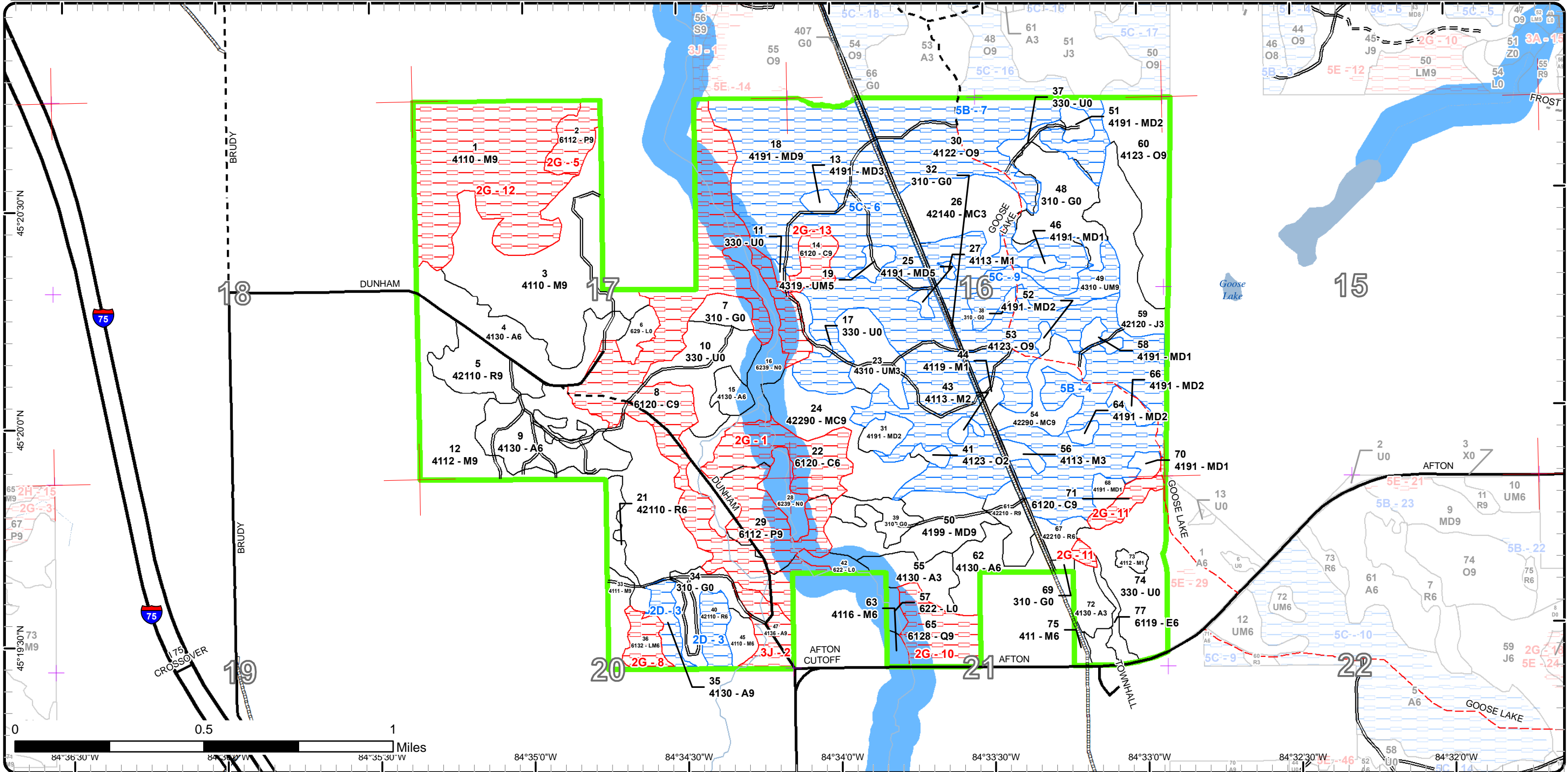


Special Conservation Areas

Compartment: 170
 T34N, R02W, Sec. 16, 17, 20, 21
 County: Cheboygan
 Unit: Gaylord
 Mgmt Area: Cheboygan Basin
 Moraines
 YOE: 2022
 Acres: 1,590 GIS Calculated
 Examiner: Shannon Harig
 Map Revised: 11/20/2020
 Map Phase: Post-Review



- Miris Corners
- + Remonumented Section Corners
- Counties
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State Highway
- Federal / State / County - Paved Road
- Federal / State - Dirt / Gravel Road
- County - Dirt Road (Seasonal)
- Private - Dirt / Gravel Road
- Intermittent Stream
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Pipeline
- Compartment Boundary
- Available w/ Constraints
- Unavailable
- Stand Boundaries
- Cold Water Streams
- High Priority Trout Stream Buffer
- 2D: Portable Bridge Needed (Dept. bridge will be adequate)
- 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)
- 3J: Water quality / BMPs (stream, river, or lake)





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	0	55	59	0	0	0	0	22	0	0	0	0	0	0	0	0	136
Cedar	0	0	0	0	0	0	0	0	0	0	0	166	0	0	0	0	0	0	166
Herbaceous Openland	74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
Jack Pine	0	0	0	26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26
Low-Density Trees	77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	77
Lowland Aspen/Balsam Poplar	0	0	0	0	0	0	0	0	0	0	27	11	0	0	0	0	0	0	38
Lowland Conifers	0	0	0	0	0	0	0	0	0	0	22	0	0	0	0	0	0	0	22
Lowland Deciduous	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	5
Lowland Mixed Forest	0	0	0	0	0	0	0	0	0	0	0	0	0	9	0	0	0	0	9
Lowland Shrub	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13
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	33	0	0	0	0	0	0	0	2	199	0	0	0	0	0	31	265
Natural Mixed Pines	0	0	0	0	0	0	0	0	16	0	33	0	0	0	0	0	0	0	49
Northern Hardwood	0	0	11	0	0	0	0	0	6	5	100	166	0	0	0	0	0	0	288
Oak	0	0	2	0	0	0	0	0	39	0	0	213	0	0	0	0	0	0	254
Planted Mixed Pines	0	0	0	29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	29
Red Pine	0	0	0	0	0	0	17	43	0	0	0	0	0	0	0	0	0	0	60
Upland Mixed Forest	0	0	18	0	0	0	0	0	0	20	4	0	0	0	0	0	0	0	42
Total	200	0	64	110	59	0	17	43	61	52	166	777	0	0	9	0	0	31	1589



Report 2 – Treatment Summary

Gaylord Mgt. Unit

Year of Entry: 2022

Acres of Harvest

Compartment 170

Total Compartment Acres: 1,590

Commercial Harvest - 20
 Harvests with Site Condition - 18
 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	9	0	0	0	0	0	0	0	0	9
Red Pine	0	0	0	0	30	0	0	0	0	30
Total	9	0	0	0	30	0	0	0	0	38

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	38	0	0	0	0	69	0	0	0	108
Next Step	0	0	0	0	0	9	0	0	0	9
Total	38	0	0	0	0	78	0	0	0	116



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
-----------------------	-------------------	-------	--------------------	-----------------	--------------	-------------	-------------------	---------------------	-------------------------	------------------	----------------

Approved Treatments:

5	52170005-Cut	20.5	42110 - Planted Red Pine	Sawtimber Well	62	171- 200	Harvest	Crown Thinning	4211 - Planted Red Pine	Even-Aged	No
<p><u>Prescription</u> Mark stand to a residual BA of 120. Focus on marking on low quality, poor form stems.</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>											
35	52170035-Cut	8.6	4130 - Aspen	Sawtimber Well	84	81-110	Harvest	Clearcut	413 - Aspen	Even-Aged	No
<p><u>Prescription</u> Clearcut with no retention due to small size of the stand.</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> Minimum stocking of aspen, maple and white pine.</p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition</u> Portable Bridge Needed</p> <p><u>Proposed Start Date:</u> 10/1 /2021</p>											
40	52170040-Cut	9.2	42110 - Planted Red Pine	Poletimber Well	62	141- 170	Harvest	Systematic Thinning	4211 - Planted Red Pine	Even-Aged	No
<p><u>Prescription</u> Cut every third row as long as equipment can operate without damage. If rows are to narrow, cut 2 rows and leave 3.</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> Portable Bridge Needed</p> <p><u>Proposed Start Date:</u> 10/1 /2021</p>											



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
48 52170048-Monitor	28.2	310 - Herbaceous Openland	Nonstocked	0		Monitoring	Natural Regen (Intermediate)	42120 - Planted Jack Pine	Even-Aged	No
<p><u>Prescription</u> If natural regeneration does not meet minimum stocking, planting may be necessary.</p> <p><u>Specs:</u></p> <p><u>Next Step</u></p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Minimum stocking of jack pine, aspen and oak.</p> <p><u>Regen:</u></p> <p><u>Other</u> Percent to Treat = 100%</p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/31/2016</p>										
74 52170074-Monitor	41.2	330 - Low-Density Trees	Nonstocked	0		Monitoring	Natural Regen (Re-Inventory)	4131 - Aspen, Oak	Even-Aged	No
<p><u>Prescription</u></p> <p><u>Specs:</u></p> <p><u>Next Step</u></p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Minimum stocking of aspen and oak.</p> <p><u>Regen:</u></p> <p><u>Other</u> Percent to Treat = 100%</p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/31/2016</p>										

Total Treatment 107.7
Acres Proposed:

Report 4 – Site Conditions

Gaylord Mgt. Unit
Shannon Harig : Examiner

Compartment: 170
Year of Entry: 2022



Availability for Management

Total Acres	Acres Available	Acres Avail		Dominant Site Conditions	Dominant Site Conditions					
		With Condition	Not Available		2D	5B	5C	2G	3J	
136	114	9	13	Aspen	9					13
166	0	0	166	Cedar		0		166		
74	73	1	0	Herbaceous Openland		1				
26	26	0	0	Jack Pine						
76	76	0	0	Low-Density Trees		0				
38	0	0	38	Lowland Aspen/Balsam Poplar				38		
22	0	0	22	Lowland Conifers				22		
5	5	0	0	Lowland Deciduous						
9	0	0	9	Lowland Mixed Forest				9		
13	13	0	0	Lowland Shrub						
36	36	0	0	Marsh						
265	67	199	0	Mixed Upland Deciduous		0	199			
49	49	0	0	Natural Mixed Pines		0				
288	198	0	91	Northern Hardwood		0		91		
255	44	211	0	Oak		211				
29	29	0	0	Planted Mixed Pines		0				
60	50	9	0	Red Pine	9					
43	22	20	0	Upland Mixed Forest		0	20			
1,590	802	449	339	Total Forested Acres	18	212	219	325		13
	50%	28%	21%	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	2G: Too wet (sensitive soils, does not include access issues)	174	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Gaylord Mgt. Unit
Shannon Harig : Examiner

Compartment: 170
Year of Entry: 2022



2	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	13	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
3	Available	2D: Portable Bridge Needed (Dept. bridge will be adequate)	18	Unspecified	Unspecified	Unspecified	Unspecified
Comments: There is currently a ford across Johnson Creek.							
4	Available	5B: Maintain for regeneration purposes	141	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
5	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	11	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Wet seep.							
6	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	199	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
7	Available	5B: Maintain for regeneration purposes	71	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Gaylord Mgt. Unit
Shannon Harig : Examiner

Compartment: 170
Year of Entry: 2022



8	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	9	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
9	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	20	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
10	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	22	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
11	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	9	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
12	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	91	Unspecified	Unspecified	Unspecified	Unspecified
Comments: A lot of seeps throughout the stand.							

Report 4 – Site Conditions

Gaylord Mgt. Unit
Shannon Harig : Examiner

Compartment: 170
Year of Entry: 2022



13	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	9	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
SCA	Cold Water Stream	A coldwater stream has temperature and dissolved oxygen conditions that allow naturally-reproduced or stocked trout populations and those of other coldwater fish species (e.g., slimy sculpin) to persist from year to year. Coldwater streams in Michigan typically provide these conditions due to substantial contributions of groundwater to their stream flows. Such streams are established by Director's action and designated as trout resources by Fisheries Order 210.
SCA	Riparian Area	A transitional area between aquatic and terrestrial ecosystems in which the terrestrial ecosystem influences the aquatic ecosystem and vice-versa. Because of the unique conditions adjacent to lakes, streams and open water wetlands, riparian areas harbor a high diversity of plants and wildlife. Riparian communities are ecologically and socially significant in their effects on water quality and quantity, as well as aesthetics, habitat, bank stability, timber production, and their contribution to overall biodiversity.



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																											
1	4110 - Sugar Maple Association	Sawtimber Well	90.9	95	111-140	N/A	This is a hilly stand with several seeps mostly on the west side of the stand. Several vernal ponds are also present. Some scattered, large diameter oak. Cut pockets of aspen.																																											
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Sugar Maple</td> <td>57</td> <td>Log/Pole</td> <td>10</td> <td>95</td> </tr> <tr> <td>Basswood</td> <td>30</td> <td>Log/Pole</td> <td>11</td> <td></td> </tr> <tr> <td>Beech</td> <td>3</td> <td>Log/Pole</td> <td>12</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>4</td> <td>Log/XLog/Pole</td> <td>14</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>6</td> <td>Log/XLog/Pole</td> <td>14</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		Sugar Maple	57	Log/Pole	10	95	Basswood	30	Log/Pole	11		Beech	3	Log/Pole	12		Quaking Aspen	4	Log/XLog/Pole	14		Bigtooth Aspen	6	Log/XLog/Pole	14		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Sugar Maple</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Beech</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Ironwood</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Sugar Maple	Low	Variable	Sapling	Beech	Low	Variable	Sapling	Ironwood	Low	Variable	Sapling
Canopy Species	% Cover	Size Class	DBH	Age																																														
Sugar Maple	57	Log/Pole	10	95																																														
Basswood	30	Log/Pole	11																																															
Beech	3	Log/Pole	12																																															
Quaking Aspen	4	Log/XLog/Pole	14																																															
Bigtooth Aspen	6	Log/XLog/Pole	14																																															
Sub-Canopy Species	Density	Avg. Height	Size																																															
Sugar Maple	Low	Variable	Sapling																																															
Beech	Low	Variable	Sapling																																															
Ironwood	Low	Variable	Sapling																																															
2	6112 - Lowland Aspen	Sawtimber Well	11.3	100	51-80	N/A	Wet stand fed by seeps from surrounding hardwood stands. Multiple vernal ponds.																																											
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Sugar Maple</td> <td>10</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> <tr> <td>Beech</td> <td>2</td> <td>Log/Pole</td> <td>12</td> <td></td> </tr> <tr> <td>White Oak</td> <td>2</td> <td>Log/Pole</td> <td>12</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>78</td> <td>Log/XLog</td> <td>15</td> <td>100</td> </tr> <tr> <td>Northern White Cedar</td> <td>8</td> <td>Pole</td> <td>8</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		Sugar Maple	10	Log/Pole	10		Beech	2	Log/Pole	12		White Oak	2	Log/Pole	12		Quaking Aspen	78	Log/XLog	15	100	Northern White Cedar	8	Pole	8		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Sugar Maple</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Beech</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Sugar Maple	Medium	Variable	Sapling	Beech	Medium	Variable	Sapling				
Canopy Species	% Cover	Size Class	DBH	Age																																														
Sugar Maple	10	Log/Pole	10																																															
Beech	2	Log/Pole	12																																															
White Oak	2	Log/Pole	12																																															
Quaking Aspen	78	Log/XLog	15	100																																														
Northern White Cedar	8	Pole	8																																															
Sub-Canopy Species	Density	Avg. Height	Size																																															
Sugar Maple	Medium	Variable	Sapling																																															
Beech	Medium	Variable	Sapling																																															
3	4110 - Sugar Maple Association	Sawtimber Well	81.6	100	81-110	N/A	This stand was thinned last entry. Some nice regen present. Multiple seeps in this stand flowing into stand aspen stand to the north. Some vernal ponds present.																																											
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Sugar Maple</td> <td>57</td> <td>Log/Pole</td> <td>12</td> <td>100</td> </tr> <tr> <td>Basswood</td> <td>35</td> <td>Log/Pole</td> <td>12</td> <td></td> </tr> <tr> <td>Beech</td> <td>1</td> <td>Log</td> <td>13</td> <td></td> </tr> <tr> <td>Red Oak</td> <td>2</td> <td>Log</td> <td>13</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>5</td> <td>Log/XLog</td> <td>14</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		Sugar Maple	57	Log/Pole	12	100	Basswood	35	Log/Pole	12		Beech	1	Log	13		Red Oak	2	Log	13		Quaking Aspen	5	Log/XLog	14		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Sugar Maple</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Beech</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Ironwood</td> <td>High</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Sugar Maple	Low	Variable	Sapling	Beech	Low	Variable	Sapling	Ironwood	High	Variable	Sapling
Canopy Species	% Cover	Size Class	DBH	Age																																														
Sugar Maple	57	Log/Pole	12	100																																														
Basswood	35	Log/Pole	12																																															
Beech	1	Log	13																																															
Red Oak	2	Log	13																																															
Quaking Aspen	5	Log/XLog	14																																															
Sub-Canopy Species	Density	Avg. Height	Size																																															
Sugar Maple	Low	Variable	Sapling																																															
Beech	Low	Variable	Sapling																																															
Ironwood	High	Variable	Sapling																																															
4	4130 - Aspen	Poletimber Well	31.8	27	1-50	N/A	Regen looks good.																																											
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Bigtooth Aspen</td> <td>100</td> <td>Pole/Sapling</td> <td>5</td> <td>27</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		Bigtooth Aspen	100	Pole/Sapling	5	27																																						
Canopy Species	% Cover	Size Class	DBH	Age																																														
Bigtooth Aspen	100	Pole/Sapling	5	27																																														
5	42110 - Planted Red Pine	Sawtimber Well	24.5	62	171-200	N/A	Red Pine crowns in north stand are thin, losing vigor. Small stand to south is healthy.																																											
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Sugar Maple</td> <td>7</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>92</td> <td>Log/Pole</td> <td>10</td> <td>62</td> </tr> <tr> <td>Basswood</td> <td>1</td> <td>Log</td> <td>12</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		Sugar Maple	7	Log/Pole	10		Red Pine	92	Log/Pole	10	62	Basswood	1	Log	12		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Sugar Maple</td> <td>High</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Ironwood</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Sugar Maple	High	Variable	Sapling	Ironwood	Low	Variable	Sapling														
Canopy Species	% Cover	Size Class	DBH	Age																																														
Sugar Maple	7	Log/Pole	10																																															
Red Pine	92	Log/Pole	10	62																																														
Basswood	1	Log	12																																															
Sub-Canopy Species	Density	Avg. Height	Size																																															
Sugar Maple	High	Variable	Sapling																																															
Ironwood	Low	Variable	Sapling																																															
6	629 - Mixed non-forested wetland	Nonstocked	5.9		Unspecified	No	Grass and Cattails. A lot of dead cedar and fir.																																											
7	310 - Herbaceous Openland	Nonstocked	7.4		Unspecified	No																																												



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
-------	--------------------	--------------	-------	-----------	----------	--------------	------------------

8	6120 - Lowland Cedar	Sawtimber Well	118.0	100	201+	N/A	Some windthrow. Looks healthy.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Paper Birch		3	Pole	9		Balsam Fir	
Quaking Aspen		15	Log/XLog/Pole	14		Low	
Balsam Fir		14	Log/Pole	12		Variable	
Black Spruce		8	Log/Pole	10		Sapling	
Northern White Cedar		60	Log/Pole	12	100		

9	4130 - Aspen	Poletimber Well	36.2	37	51-80	N/A	Good looking regen.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Sugar Maple		2	Pole/Sapling	5		Beech	
Bigtooth Aspen		88	Pole	7	37	Low	
Red Oak		5	Pole/Sapling	5		Variable	
Quaking Aspen		5	Pole	7		Sapling	
						Sugar Maple	
						Medium	
						Variable	
						Sapling	
						Ironwood	
						Low	
						Variable	
						Sapling	
						Serviceberry (Juneberry)	
						Trace	
						Variable	
						Sapling	

10	330 - Low-Density Trees	Nonstocked	26.7		Unspecified	No	
-----------	-------------------------	------------	------	--	-------------	----	--

11	330 - Low-Density Trees	Nonstocked	1.1			No	
-----------	-------------------------	------------	-----	--	--	----	--

12	4112 - Maple, Beech, Cherry Association	Sawtimber Well	84.8	107	81-110	N/A	A lot of multiple stems and wolfy trees in the stand. Rolling. RSH nest in southeast corner. Some beech scale present in the north part.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Sugar Maple		34	Log/Pole	10		Beech	
Red Maple		42	Log/Pole	11	107	High	
Basswood		7	Log/Pole	11		Variable	
Beech		15	Log/Pole	13		Sapling	
White Oak		2	Log/Pole	11		Sugar Maple	
						Low	
						Variable	
						Sapling	
						Ironwood	
						Low	
						Variable	
						Sapling	

13	4191 - Mixed Upland Deciduous with Conifer	Sapling Well	3.2	17	1-50	N/A	
Canopy Species		% Cover	Size Class	DBH	Age		
Red Maple		33	Sapling	2	17		
Red Oak		5	Sapling	1	17		
Bigtooth Aspen		32	Sapling	2	17		
White Pine		20	Log/Pole	14			
Red Pine		10	Log/Pole	14			



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments		
14	6120 - Lowland Cedar	Sawtimber Well	9.3	104	111-140	N/A			
Canopy Species		% Cover	Size Class	DBH	Age				
Paper Birch		2	Log/Pole	12					
Balsam Poplar		10	Log/Pole	11					
Northern White Cedar		68	Log	13	104				
White Pine		20	Log	14					
15	4130 - Aspen	Poletimber Well	6.4	37	1-50	N/A	Looks good		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Oak		2	Log/Pole	12		Balsam Fir	Low	Variable	Sapling
Quaking Aspen		98	Pole/Sapling	6	37				
16	6239 - Mixed Emergent Wetland	Nonstocked	26.5		Unspecified	No	Some dead cedar and fir, mostly tag alder.		
17	330 - Low-Density Trees	Nonstocked	3.3			No			
18	4191 - Mixed Upland Deciduous with Conifer	Sawtimber Well	198.8	103	51-80	N/A	Nice oak/pine stand. Everything looks healthy. Very nice White Pine understory.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple		2	Pole	8		White Pine	High	Variable	Sapling
Red Oak		54	Log/Pole	14	103				
White Oak		5	Log/Pole	11					
Bigtooth Aspen		5	Log/Pole	10					
White Pine		30	Log/Pole	14					
Red Pine		4	Log/Pole	10					
19	4319 - Mixed Upland Forest	Poletimber Medium	4.0	95	1-50	N/A	Decent White Pine and Red Maple regen. Some elk browse.		
Canopy Species		% Cover	Size Class	DBH	Age				
Red Maple		35	Sapling	1	17				
Red Oak		15	Sapling	1	17				
White Pine		47	Pole/Log/Sap	12	95				
Red Pine		3	Log	14					
21	42110 - Planted Red Pine	Poletimber Well	9.2	62	141-170	N/A	Looks good. May be ready for harvest next entry.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple		4	Log	14		Beech	Low	Variable	Sapling
Beech		2	Log	14					
Red Pine		94	Log/Pole	10	62				



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																			
22	6120 - Lowland Cedar	Poletimber Well	29.1	100		N/A	Some mortality in cedar & ash. Wind throw present. Will likely convert to Balsam Fir.																																			
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Northern White Cedar</td> <td>60</td> <td>Pole</td> <td>9</td> <td></td> </tr> <tr> <td>Black Ash</td> <td>40</td> <td>Pole</td> <td>8</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Northern White Cedar	60	Pole	9		Black Ash	40	Pole	8		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Balsam Fir</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Tag Alder</td> <td>Low</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Medium	Variable	Sapling	Tag Alder	Low	5 - 10 feet	Tall Shrub												
Canopy Species	% Cover	Size Class	DBH	Age																																						
Northern White Cedar	60	Pole	9																																							
Black Ash	40	Pole	8																																							
Sub-Canopy Species	Density	Avg. Height	Size																																							
Balsam Fir	Medium	Variable	Sapling																																							
Tag Alder	Low	5 - 10 feet	Tall Shrub																																							
23	4310 - Pine, Oak Mix	Sapling Well	18.4	16		N/A	Regen looks great, nice species mix.																																			
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>21</td> <td>Sapling</td> <td>2</td> <td>16</td> </tr> <tr> <td>Red Oak</td> <td>23</td> <td>Sapling</td> <td>2</td> <td>16</td> </tr> <tr> <td>White Pine</td> <td>12</td> <td>Log</td> <td>14</td> <td></td> </tr> <tr> <td>White Pine</td> <td>39</td> <td>Sapling</td> <td>2</td> <td>16</td> </tr> <tr> <td>Red Pine</td> <td>3</td> <td>Sapling</td> <td>2</td> <td>16</td> </tr> <tr> <td>Black Cherry</td> <td>2</td> <td>Sapling</td> <td>2</td> <td>16</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	21	Sapling	2	16	Red Oak	23	Sapling	2	16	White Pine	12	Log	14		White Pine	39	Sapling	2	16	Red Pine	3	Sapling	2	16	Black Cherry	2	Sapling	2	16						
Canopy Species	% Cover	Size Class	DBH	Age																																						
Red Maple	21	Sapling	2	16																																						
Red Oak	23	Sapling	2	16																																						
White Pine	12	Log	14																																							
White Pine	39	Sapling	2	16																																						
Red Pine	3	Sapling	2	16																																						
Black Cherry	2	Sapling	2	16																																						
24	42290 - Natural Mixed Pine	Sawtimber Well	33.2	91	81-110	N/A	Nice stand of natural pine.																																			
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Quaking Aspen</td> <td>15</td> <td>Log/Pole</td> <td>12</td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>10</td> <td>Pole/Log</td> <td>9</td> <td></td> </tr> <tr> <td>White Pine</td> <td>16</td> <td>XLog/Log</td> <td>20</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>59</td> <td>XLog/Log</td> <td>18</td> <td>91</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	15	Log/Pole	12		Balsam Fir	10	Pole/Log	9		White Pine	16	XLog/Log	20		Red Pine	59	XLog/Log	18	91	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Balsam Fir</td> <td>High</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	High	Variable	Sapling						
Canopy Species	% Cover	Size Class	DBH	Age																																						
Quaking Aspen	15	Log/Pole	12																																							
Balsam Fir	10	Pole/Log	9																																							
White Pine	16	XLog/Log	20																																							
Red Pine	59	XLog/Log	18	91																																						
Sub-Canopy Species	Density	Avg. Height	Size																																							
Balsam Fir	High	Variable	Sapling																																							
25	4191 - Mixed Upland Deciduous with Conifer	Poletimber Medium	1.8	95		N/A	Some elk browse.																																			
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>30</td> <td>Sapling</td> <td>2</td> <td>17</td> </tr> <tr> <td>Red Oak</td> <td>30</td> <td>Sapling</td> <td>1</td> <td>17</td> </tr> <tr> <td>White Pine</td> <td>40</td> <td>Pole/Log/Sap</td> <td>10</td> <td>95</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	30	Sapling	2	17	Red Oak	30	Sapling	1	17	White Pine	40	Pole/Log/Sap	10	95																					
Canopy Species	% Cover	Size Class	DBH	Age																																						
Red Maple	30	Sapling	2	17																																						
Red Oak	30	Sapling	1	17																																						
White Pine	40	Pole/Log/Sap	10	95																																						
26	42140 - Planted Mixed Pine	Sapling Well	29.2	27	1-50	N/A	Planted Jack Pine looks good. White Pine is seeding in as well as some Jack Pine.																																			
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Oak</td> <td>3</td> <td>Log</td> <td>14</td> <td></td> </tr> <tr> <td>White Pine</td> <td>37</td> <td>Sapling</td> <td>2</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>15</td> <td>Log/XLog</td> <td>16</td> <td></td> </tr> <tr> <td>Jack Pine</td> <td>45</td> <td>Sapling</td> <td>3</td> <td>27</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Oak	3	Log	14		White Pine	37	Sapling	2		Red Pine	15	Log/XLog	16		Jack Pine	45	Sapling	3	27																
Canopy Species	% Cover	Size Class	DBH	Age																																						
Red Oak	3	Log	14																																							
White Pine	37	Sapling	2																																							
Red Pine	15	Log/XLog	16																																							
Jack Pine	45	Sapling	3	27																																						



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																															
27	4113 - R.Maple, Conifer	Sapling Poor	0.8	17		N/A	Not good regen. Some elk browse.																																																															
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>65</td> <td>Sapling</td> <td>1</td> <td>17</td> </tr> <tr> <td>Red Oak</td> <td>9</td> <td>Sapling</td> <td>1</td> <td>17</td> </tr> <tr> <td>White Oak</td> <td>3</td> <td>XLog</td> <td>26</td> <td></td> </tr> <tr> <td>White Pine</td> <td>7</td> <td>Sapling</td> <td>1</td> <td>17</td> </tr> <tr> <td>White Pine</td> <td>10</td> <td>Log/Pole</td> <td>12</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>6</td> <td>Log/Pole</td> <td>14</td> <td></td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	65	Sapling	1	17	Red Oak	9	Sapling	1	17	White Oak	3	XLog	26		White Pine	7	Sapling	1	17	White Pine	10	Log/Pole	12		Red Pine	6	Log/Pole	14																													
Canopy Species	% Cover	Size Class	DBH	Age																																																																		
Red Maple	65	Sapling	1	17																																																																		
Red Oak	9	Sapling	1	17																																																																		
White Oak	3	XLog	26																																																																			
White Pine	7	Sapling	1	17																																																																		
White Pine	10	Log/Pole	12																																																																			
Red Pine	6	Log/Pole	14																																																																			
28	6239 - Mixed Emergent Wetland	Nonstocked	9.7		Unspecified	No	Old beaver flooding.																																																															
29	6112 - Lowland Aspen	Sawtimber Well	26.8	95	81-110	N/A	Some red and white oak on the ridge in the middle of the stand. No access to most of the stand. Drainage on east side.																																																															
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Quaking Aspen</td> <td>69</td> <td>Pole/Log</td> <td>10</td> <td>95</td> <td>Balsam Fir</td> <td>High</td> <td>Variable</td> <td>Pole</td> </tr> <tr> <td>Bigtooth Aspen</td> <td>4</td> <td>Log/Pole</td> <td>12</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>24</td> <td>Pole</td> <td>7</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Black Ash</td> <td>3</td> <td>Pole</td> <td>7</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	Quaking Aspen	69	Pole/Log	10	95	Balsam Fir	High	Variable	Pole	Bigtooth Aspen	4	Log/Pole	12						Balsam Fir	24	Pole	7						Black Ash	3	Pole	7																							
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size																																																														
Quaking Aspen	69	Pole/Log	10	95	Balsam Fir	High	Variable	Pole																																																														
Bigtooth Aspen	4	Log/Pole	12																																																																			
Balsam Fir	24	Pole	7																																																																			
Black Ash	3	Pole	7																																																																			
30	4122 - Oak, Pine	Sawtimber Well	70.8	104	81-110	N/A	Nice oak/pine stand. Good White Pine regen throughout. Last field visit was 4/19/2010.																																																															
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Oak</td> <td>59</td> <td>Log/Pole/XLog</td> <td>16</td> <td>104</td> <td>White Pine</td> <td>High</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>White Oak</td> <td>2</td> <td>Pole/Log</td> <td>10</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>2</td> <td>Log/Pole</td> <td>12</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>White Pine</td> <td>22</td> <td>Log/XLog</td> <td>15</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Red Pine</td> <td>13</td> <td>Log/Pole</td> <td>13</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Jack Pine</td> <td>2</td> <td>Pole/Log</td> <td>10</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	Red Oak	59	Log/Pole/XLog	16	104	White Pine	High	Variable	Sapling	White Oak	2	Pole/Log	10						Bigtooth Aspen	2	Log/Pole	12						White Pine	22	Log/XLog	15						Red Pine	13	Log/Pole	13						Jack Pine	2	Pole/Log	10					
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size																																																														
Red Oak	59	Log/Pole/XLog	16	104	White Pine	High	Variable	Sapling																																																														
White Oak	2	Pole/Log	10																																																																			
Bigtooth Aspen	2	Log/Pole	12																																																																			
White Pine	22	Log/XLog	15																																																																			
Red Pine	13	Log/Pole	13																																																																			
Jack Pine	2	Pole/Log	10																																																																			
31	4191 - Mixed Upland Deciduous with Conifer	Sapling Medium	6.6	17		N/A	Red maple and red oak regen has been feeding elk.																																																															
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>22</td> <td>Sapling</td> <td>1</td> <td>17</td> </tr> <tr> <td>Red Oak</td> <td>40</td> <td>Sapling</td> <td>1</td> <td>17</td> </tr> <tr> <td>White Pine</td> <td>38</td> <td>Pole/Log</td> <td>9</td> <td></td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	22	Sapling	1	17	Red Oak	40	Sapling	1	17	White Pine	38	Pole/Log	9																																												
Canopy Species	% Cover	Size Class	DBH	Age																																																																		
Red Maple	22	Sapling	1	17																																																																		
Red Oak	40	Sapling	1	17																																																																		
White Pine	38	Pole/Log	9																																																																			
32	310 - Herbaceous Openland	Nonstocked	12.4			No	Pipeline ROW																																																															



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
33	4111 - S.Maple, Hard Mast Association	Sawtimber Well	9.0	98	81-110	N/A	Decent looking stand.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Sugar Maple		59	Pole/Log	9	98	Balsam Fir	
Basswood		12	Pole/Log	10		Medium	
Beech		10	Log/XLog	17		Variable	
Red Oak		2	Log/XLog	18		Sapling	
Bigtooth Aspen		17	Log	14			
34	310 - Herbaceous Openland	Nonstocked	14.6			No	Old apple orchard. Could use some pruning.
35	4130 - Aspen	Sawtimber Well	8.6	84	81-110	N/A	Nice white pine understory in north part of stand. Last field survey date was 3/1/2010.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Sugar Maple		3	Log/Pole	13		Sugar Maple	
Red Maple		4	Pole/Log	10		Low	
Yellow Birch		2	Pole/Log	9		Medium	
Bigtooth Aspen		91	Log	13	84	Variable	
						Sapling	
36	6132 - Mixed Lowland Forest with Cedar	Poletimber Well	9.0	133	51-80	N/A	Heavy windthrow in some areas.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Yellow Birch		4	Sapling/Pole	6		Black Ash	
Northern White Cedar		52	Pole/Log	10	133	Medium	
Black Ash		44	Pole/Sapling	8		Variable	
						Sapling	
37	330 - Low-Density Trees	Nonstocked	4.1			No	Block road into this stand at Goose Lake Road.
38	310 - Herbaceous Openland	Nonstocked	1.4			No	
39	310 - Herbaceous Openland	Nonstocked	9.0			No	
40	42110 - Planted Red Pine	Poletimber Well	9.2	62	141-170	N/A	Decent stems. Some balsam fir in understory.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Red Pine		100	Pole	9	62	Balsam Fir	
						Low	
						Variable	
						Sapling	
41	4123 - Red Oak	Sapling Medium	2.4	17		N/A	Heavy elk browse. Good regen.
Canopy Species		% Cover	Size Class	DBH	Age		
Red Maple		20	Sapling	2	17		
Red Oak		60	Sapling	2	17		
White Pine		10	Log/Pole	12			
Red Pine		10	Log	12			



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																						
42	622 - Lowland Shrub	Nonstocked	4.0		Unspecified	No																																																							
43	4113 - R.Maple, Conifer	Sapling Medium	2.4	17		N/A	Some elk browse.																																																						
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>60</td> <td>Sapling</td> <td>2</td> <td>17</td> </tr> <tr> <td>Red Oak</td> <td>3</td> <td>Sapling</td> <td>2</td> <td>17</td> </tr> <tr> <td>White Pine</td> <td>17</td> <td>Log/Pole</td> <td>13</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>20</td> <td>Log/Pole</td> <td>12</td> <td></td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	60	Sapling	2	17	Red Oak	3	Sapling	2	17	White Pine	17	Log/Pole	13		Red Pine	20	Log/Pole	12																														
Canopy Species	% Cover	Size Class	DBH	Age																																																									
Red Maple	60	Sapling	2	17																																																									
Red Oak	3	Sapling	2	17																																																									
White Pine	17	Log/Pole	13																																																										
Red Pine	20	Log/Pole	12																																																										
44	4119 - Mixed Northern Hardwoods	Sapling Poor	2.8	17		N/A	Poor regen. Elk browse.																																																						
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>70</td> <td>Sapling</td> <td>1</td> <td>17</td> </tr> <tr> <td>Red Oak</td> <td>6</td> <td>Sapling</td> <td>1</td> <td>17</td> </tr> <tr> <td>White Pine</td> <td>8</td> <td>Log</td> <td>14</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>7</td> <td>Log</td> <td>14</td> <td></td> </tr> <tr> <td>Black Cherry</td> <td>9</td> <td>Sapling</td> <td>1</td> <td>17</td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	70	Sapling	1	17	Red Oak	6	Sapling	1	17	White Pine	8	Log	14		Red Pine	7	Log	14		Black Cherry	9	Sapling	1	17																								
Canopy Species	% Cover	Size Class	DBH	Age																																																									
Red Maple	70	Sapling	1	17																																																									
Red Oak	6	Sapling	1	17																																																									
White Pine	8	Log	14																																																										
Red Pine	7	Log	14																																																										
Black Cherry	9	Sapling	1	17																																																									
45	4110 - Sugar Maple Association	Poletimber Well	5.5	76	81-110	N/A	Decent stems.																																																						
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Sugar Maple</td> <td>52</td> <td>Pole/Log</td> <td>10</td> <td>76</td> <td>Sugar Maple</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Basswood</td> <td>42</td> <td>Log/Pole</td> <td>11</td> <td></td> <td>Balsam Fir</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Quaking Aspen</td> <td>6</td> <td>Log</td> <td>12</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	Sugar Maple	52	Pole/Log	10	76	Sugar Maple	Low	Variable	Sapling	Basswood	42	Log/Pole	11		Balsam Fir	Low	Variable	Sapling	Quaking Aspen	6	Log	12																							
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size																																																					
Sugar Maple	52	Pole/Log	10	76	Sugar Maple	Low	Variable	Sapling																																																					
Basswood	42	Log/Pole	11		Balsam Fir	Low	Variable	Sapling																																																					
Quaking Aspen	6	Log	12																																																										
46	4191 - Mixed Upland Deciduous with Conifer	Sapling Poor	1.9	17		N/A	Elk browse. Not regenerating as well as was expected.																																																						
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>40</td> <td>Sapling</td> <td>1</td> <td>17</td> </tr> <tr> <td>Red Oak</td> <td>30</td> <td>Sapling</td> <td>1</td> <td>17</td> </tr> <tr> <td>White Pine</td> <td>30</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	40	Sapling	1	17	Red Oak	30	Sapling	1	17	White Pine	30	Log/Pole	10																																			
Canopy Species	% Cover	Size Class	DBH	Age																																																									
Red Maple	40	Sapling	1	17																																																									
Red Oak	30	Sapling	1	17																																																									
White Pine	30	Log/Pole	10																																																										
47	4136 - Aspen, Mixed Conifer	Sawtimber Well	13.4	83	51-80	N/A	Old aspen. Very nice white pine understory throughout most of the stand. Adjacent to Johnson Creek.																																																						
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Sugar Maple</td> <td>10</td> <td>Log/Pole</td> <td>9</td> <td></td> <td>Sugar Maple</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Red Maple</td> <td>5</td> <td>Log/Pole</td> <td>10</td> <td></td> <td>Balsam Fir</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Bigtooth Aspen</td> <td>65</td> <td>Log/Pole</td> <td>12</td> <td>83</td> <td>White Pine</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Balsam Fir</td> <td>5</td> <td>Pole/Log</td> <td>8</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>White Pine</td> <td>15</td> <td>Pole/Sap/Log</td> <td>10</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	Sugar Maple	10	Log/Pole	9		Sugar Maple	Low	Variable	Sapling	Red Maple	5	Log/Pole	10		Balsam Fir	Low	Variable	Sapling	Bigtooth Aspen	65	Log/Pole	12	83	White Pine	Medium	Variable	Sapling	Balsam Fir	5	Pole/Log	8						White Pine	15	Pole/Sap/Log	10					
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size																																																					
Sugar Maple	10	Log/Pole	9		Sugar Maple	Low	Variable	Sapling																																																					
Red Maple	5	Log/Pole	10		Balsam Fir	Low	Variable	Sapling																																																					
Bigtooth Aspen	65	Log/Pole	12	83	White Pine	Medium	Variable	Sapling																																																					
Balsam Fir	5	Pole/Log	8																																																										
White Pine	15	Pole/Sap/Log	10																																																										
48	310 - Herbaceous Openland	Nonstocked	28.5	0		42221 - Natural Jack Pine, Mixed Deciduous																																																							



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
-------	--------------------	--------------	-------	-----------	----------	--------------	------------------

49	4310 - Pine, Oak Mix	Sawtimber Well	20.3	82	51-80	N/A	
-----------	----------------------	----------------	------	----	-------	-----	--

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	10	Pole/Log	9	
Red Oak	25	Log/Pole	13	
White Oak	20	Log/Pole	13	
Jack Pine	45	Log/Pole	10	82

Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	Low	Variable	Sapling
Red Oak	Low	Variable	Sapling
White Oak	Low	Variable	Sapling

50	4199 - Other Mixed Upland Deciduous	Sawtimber Well	31.4	100	1-50	N/A	It looks like oak was left when this stand was harvested a couple entries ago. Regen looks good (oak, maple and aspen).
-----------	-------------------------------------	----------------	------	-----	------	-----	---

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	16	Sapling	3	
Red Oak	23	Sapling	3	
Red Oak	32	Log/XLog/Pole	15	100
Quaking Aspen	21	Sapling/Pole	4	
Balsam Fir	2	Pole	7	
Red Pine	6	Log	14	

Sub-Canopy Species	Density	Avg. Height	Size
White Pine	Low	Variable	Sapling

51	4191 - Mixed Upland Deciduous with Conifer	Sapling Medium	4.1	17		N/A	Heavy elk browse.
-----------	--	----------------	-----	----	--	-----	-------------------

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	30	Sapling	1	17
Red Oak	30	Sapling	1	17
White Pine	30	Log/Pole	10	
Jack Pine	10	Sapling	1	17

52	4191 - Mixed Upland Deciduous with Conifer	Sapling Medium	1.6	17		N/A	Some elk browse.
-----------	--	----------------	-----	----	--	-----	------------------

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	40	Sapling	1	17
Red Oak	30	Sapling	1	17
White Pine	30	Pole/Log/Sap	10	

53	4123 - Red Oak	Sawtimber Well	142.6	103	81-110	N/A	Nice mixed oak and pine stand. Good understory of White Pine throughout stand. Stand looks healthy.
-----------	----------------	----------------	-------	-----	--------	-----	---

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	5	Pole/Log	10	
Red Oak	65	Log/Pole/XLog	14	103
White Oak	15	Log/Pole	12	
Bigtooth Aspen	5	Log	13	
White Pine	10	Log	13	

Sub-Canopy Species	Density	Avg. Height	Size
Red Oak	Low	Variable	Sapling
White Pine	Medium	Variable	Sapling
Witch Hazel	Low	5 - 10 feet	Tall Shrub



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
54	42290 - Natural Mixed Pine	Sawtimber Well	16.0	76	81-110	N/A	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Red Oak		15	Log/XLog	14		Density	Avg. Height
White Oak		2	Log/Pole	11			Size
Quaking Aspen		4	Log	14		Red Maple	Medium
White Pine		29	Log	14	76	Red Oak	Low
Red Pine		25	Log	15		White Pine	Low
Jack Pine		25	Log	12			
55	4130 - Aspen	Sapling Well	13.8	27		N/A	Good regen.
Canopy Species		% Cover	Size Class	DBH	Age		
Quaking Aspen		80	Sapling	2	27		
Bigtooth Aspen		10	Sapling	2			
Balsam Fir		10	Sapling/Pole	4			
56	4113 - R.Maple, Conifer	Sapling Well	3.0	17		N/A	Some elk browse. Pine looks good.
Canopy Species		% Cover	Size Class	DBH	Age		
Red Maple		60	Sapling	1	17		
Bigtooth Aspen		2	Sapling	1	17		
White Pine		20	Pole/Sapling	8			
Black Cherry		18	Sapling	1	17		
57	622 - Lowland Shrub	Nonstocked	3.1		Unspecified	No	Grass/sedge? A lot of standing dead cedar.
58	4191 - Mixed Upland Deciduous with Conifer	Sapling Poor	3.5	17	1-50	N/A	A lot of elk browse.
Canopy Species		% Cover	Size Class	DBH	Age		
Red Maple		25	Sapling	1	17		
Red Oak		45	Sapling	1	17		
White Pine		30	Log/Pole	12			
59	42120 - Planted Jack Pine	Sapling Well	26.1	27		N/A	Regen looks good.
Canopy Species		% Cover	Size Class	DBH	Age		
Jack Pine		90	Sapling	3	27		
Black Cherry		10	Sapling	3			
60	4123 - Red Oak	Sawtimber Well	38.9	75	51-80	N/A	Looks healthy. Jack Pine and Red Maple are filling in openings.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Red Oak		80	Log	14	75	Density	Avg. Height
White Oak		10	Log	12			Size
Jack Pine		10	Sapling/Pole	4		Red Maple	Medium
						Red Oak	Low



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																						
61	42210 - Natural Red Pine	Sawtimber Well	10.5	59	141-170	N/A	Still room to grow. South end stocking is a little heavier.																																						
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Sugar Maple</td> <td>11</td> <td>Log</td> <td>14</td> <td></td> </tr> <tr> <td>Red Oak</td> <td>5</td> <td>Log</td> <td>15</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>4</td> <td>Pole/Log</td> <td>9</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>80</td> <td>Log/Pole</td> <td>10</td> <td>59</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Sugar Maple	11	Log	14		Red Oak	5	Log	15		Quaking Aspen	4	Pole/Log	9		Red Pine	80	Log/Pole	10	59	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Sugar Maple</td> <td>High</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Sugar Maple	High	Variable	Sapling									
Canopy Species	% Cover	Size Class	DBH	Age																																									
Sugar Maple	11	Log	14																																										
Red Oak	5	Log	15																																										
Quaking Aspen	4	Pole/Log	9																																										
Red Pine	80	Log/Pole	10	59																																									
Sub-Canopy Species	Density	Avg. Height	Size																																										
Sugar Maple	High	Variable	Sapling																																										
62	4130 - Aspen	Poletimber Well	16.5	37	51-80	N/A																																							
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Oak</td> <td>2</td> <td>Log</td> <td>15</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>94</td> <td>Pole/Sapling</td> <td>6</td> <td>37</td> </tr> <tr> <td>Balsam Fir</td> <td>4</td> <td>Pole</td> <td>8</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Oak	2	Log	15		Bigtooth Aspen	94	Pole/Sapling	6	37	Balsam Fir	4	Pole	8		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Bigtooth Aspen</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Balsam Fir</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Bigtooth Aspen	Low	Variable	Sapling	Balsam Fir	Low	Variable	Sapling										
Canopy Species	% Cover	Size Class	DBH	Age																																									
Red Oak	2	Log	15																																										
Bigtooth Aspen	94	Pole/Sapling	6	37																																									
Balsam Fir	4	Pole	8																																										
Sub-Canopy Species	Density	Avg. Height	Size																																										
Bigtooth Aspen	Low	Variable	Sapling																																										
Balsam Fir	Low	Variable	Sapling																																										
63	4116 - Mixed N. Hardwood - Aspen	Poletimber Well	2.9	85	51-80	N/A																																							
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Sugar Maple</td> <td>59</td> <td>Log/Pole</td> <td>12</td> <td>85</td> </tr> <tr> <td>Red Maple</td> <td>10</td> <td>Pole</td> <td>9</td> <td></td> </tr> <tr> <td>Red Oak</td> <td>2</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>White Oak</td> <td>8</td> <td>Log/Pole</td> <td>11</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>21</td> <td>Pole</td> <td>9</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Sugar Maple	59	Log/Pole	12	85	Red Maple	10	Pole	9		Red Oak	2	Pole	8		White Oak	8	Log/Pole	11		Quaking Aspen	21	Pole	9		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Balsam Fir</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Ironwood</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Medium	Variable	Sapling	Ironwood	Low	Variable	Sapling
Canopy Species	% Cover	Size Class	DBH	Age																																									
Sugar Maple	59	Log/Pole	12	85																																									
Red Maple	10	Pole	9																																										
Red Oak	2	Pole	8																																										
White Oak	8	Log/Pole	11																																										
Quaking Aspen	21	Pole	9																																										
Sub-Canopy Species	Density	Avg. Height	Size																																										
Balsam Fir	Medium	Variable	Sapling																																										
Ironwood	Low	Variable	Sapling																																										
64	4191 - Mixed Upland Deciduous with Conifer	Sapling Medium	2.0	17		N/A	Decent regen. Elk browse.																																						
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>40</td> <td>Sapling</td> <td>1</td> <td>17</td> </tr> <tr> <td>Red Oak</td> <td>25</td> <td>Sapling</td> <td>1</td> <td>17</td> </tr> <tr> <td>Bigtooth Aspen</td> <td>10</td> <td>Sapling</td> <td>1</td> <td>17</td> </tr> <tr> <td>White Pine</td> <td>25</td> <td>Pole/Sapling</td> <td>8</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	40	Sapling	1	17	Red Oak	25	Sapling	1	17	Bigtooth Aspen	10	Sapling	1	17	White Pine	25	Pole/Sapling	8																				
Canopy Species	% Cover	Size Class	DBH	Age																																									
Red Maple	40	Sapling	1	17																																									
Red Oak	25	Sapling	1	17																																									
Bigtooth Aspen	10	Sapling	1	17																																									
White Pine	25	Pole/Sapling	8																																										
65	6128 - Lowland Coniferous, Mixed Deciduous	Sawtimber Well	21.5	100	141-170	N/A																																							
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Paper Birch</td> <td>5</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>21</td> <td>Log</td> <td>14</td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>24</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> <tr> <td>Black Spruce</td> <td>16</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> <tr> <td>Northern White Cedar</td> <td>34</td> <td>Log/Pole</td> <td>12</td> <td>100</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Paper Birch	5	Log/Pole	10		Quaking Aspen	21	Log	14		Balsam Fir	24	Log/Pole	10		Black Spruce	16	Log/Pole	10		Northern White Cedar	34	Log/Pole	12	100	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Balsam Fir</td> <td>High</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	High	Variable	Sapling				
Canopy Species	% Cover	Size Class	DBH	Age																																									
Paper Birch	5	Log/Pole	10																																										
Quaking Aspen	21	Log	14																																										
Balsam Fir	24	Log/Pole	10																																										
Black Spruce	16	Log/Pole	10																																										
Northern White Cedar	34	Log/Pole	12	100																																									
Sub-Canopy Species	Density	Avg. Height	Size																																										
Balsam Fir	High	Variable	Sapling																																										



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
-------	--------------------	--------------	-------	-----------	----------	--------------	------------------

66 4191 - Mixed Upland Deciduous with Conifer Sapling Medium 3.8 17 N/A Elk Browse.

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	50	Sapling	1	17
Red Oak	25	Sapling	1	17
White Pine	25	Log/Pole	10	

67 42210 - Natural Red Pine Poletimber Well 6.2 59 111-140 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Quaking Aspen	6	Log/Pole	10		Sugar Maple	Medium	Variable	Sapling
Red Pine	94	Pole/Log	9	59				

68 4191 - Mixed Upland Deciduous with Conifer Sapling Poor 3.8 17 N/A Heavy elk browse.

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	45	Sapling	1	17
Bigtooth Aspen	15	Sapling	1	17
White Pine	40	Pole/Sapling	5	

69 310 - Herbaceous Openland Nonstocked 1.2 No

70 4191 - Mixed Upland Deciduous with Conifer Sapling Poor 3.0 17 N/A Very heavy elk browse.

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	15	Sapling	1	17
Red Oak	50	Sapling	1	17
White Pine	35	Pole	6	

71 6120 - Lowland Cedar Sawtimber Well 9.3 106 111-140 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Paper Birch	8	Pole	8		Balsam Fir	Medium	Variable	Sapling
Quaking Aspen	3	Log	12					
Balsam Fir	5	Pole	8					
Black Spruce	7	Pole/Log	9					
Northern White Cedar	62	Log/Pole	11	106				
White Pine	15	Log	16					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																									
72	4130 - Aspen	Sapling Well	9.2	26		N/A	Nice regen.																									
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Oak</td> <td>4</td> <td>Log</td> <td>14</td> <td></td> </tr> <tr> <td>Red Oak</td> <td>10</td> <td>Sapling</td> <td>3</td> <td></td> </tr> <tr> <td>White Oak</td> <td>4</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>82</td> <td>Sapling</td> <td>3</td> <td>26</td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Red Oak	4	Log	14		Red Oak	10	Sapling	3		White Oak	4	Log/Pole	10		Bigtooth Aspen	82	Sapling	3	26
Canopy Species	% Cover	Size Class	DBH	Age																												
Red Oak	4	Log	14																													
Red Oak	10	Sapling	3																													
White Oak	4	Log/Pole	10																													
Bigtooth Aspen	82	Sapling	3	26																												
73	4112 - Maple, Beech, Cherry Association	Sapling Poor	2.3	17		N/A	Heavy elk browse.																									
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>90</td> <td>Sapling</td> <td>1</td> <td>17</td> </tr> <tr> <td>Red Oak</td> <td>5</td> <td>Sapling</td> <td>1</td> <td>17</td> </tr> <tr> <td>Bigtooth Aspen</td> <td>5</td> <td>Sapling</td> <td>1</td> <td>17</td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	90	Sapling	1	17	Red Oak	5	Sapling	1	17	Bigtooth Aspen	5	Sapling	1	17					
Canopy Species	% Cover	Size Class	DBH	Age																												
Red Maple	90	Sapling	1	17																												
Red Oak	5	Sapling	1	17																												
Bigtooth Aspen	5	Sapling	1	17																												
74	330 - Low-Density Trees	Nonstocked	41.0	0		4131 - Aspen, Oak																										
75	411 - Northern Hardwood	Poletimber Well	2.4	84	81-110	N/A																										
77	6119 - Mixed Lowland Deciduous Forest	Poletimber Well	4.6	84	81-110	N/A																										