



Compartment Review Presentation

Gaylord Forest Management Unit

Compartment 52152

Entry Year 2018

Acreage: 1,781

County Cheboygan

Management Area: Cheboygan Lake Plain

Revision Date: 2016-05-18

Stand Examiner: Shannon Harig

Legal Description:

T34N R03W Sections 3,10,15

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:

Predominately Grayling, Rubicon and Cheboygan Loamy Sands. Level to rolling topography. Soils improve in the southern part of the compartment.

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

State ownership is contiguous with 2 private inholdings.

Unique Natural Features:

Berry Creek runs through the compartment.

Archeological, Historical, and Cultural Features:

None known.

Special Management Designations or Considerations:

Watershed and Fisheries Considerations:

This compartment contains a portion of Berry Creek, a tributary to the Sturgeon River. A 100-foot no-clearcut buffer should be maintained adjacent to this stream.

Wildlife Habitat Considerations:

This compartment is close to Indian River and Wolverine and provides habitat for a wide variety of wildlife species and is therefore generally hunted heavily. It is a diverse mix of timber types as well as upland and lowland types allowing for diverse mix of wildlife species.

Mineral Resource and Development Concerns and/or Restrictions

Surface sediments consist of sand and gravel from ice-contact drift and lacustrine sediments. The glacial drift thickness varies between 50 and 400 feet. The Devonian Traverse Group subcrops below the glacial drift. The Traverse is used for stone and cement products but is too deeply buried here to be of economic value. Active sand/gravel pits are located just over two miles away to the northwest and southeast. The best potential in the compartment appears to be in Section 15. The nearest oil and gas production, the Antrim Shale gas play, is located 10 miles to the south. The Antrim Shale is absent in this area. State land in the area was recently leased as part of the Collingwood Shale play. To date, there has been limited production from the Collingwood (none near this area) and it is still an unproven play. Interest in the formation has waned and all leases in the area have expired.

Vehicle Access:

Good access to upland stands.

Survey Needs:

None

Recreational Facilities and Opportunities:

Snowmobile trails 76 and 767 as well as Tomahawk Loop A ORV trail run through the compartment.

Fire Protection:

Additional Compartment Information:

The following reports from the Inventory are attached:

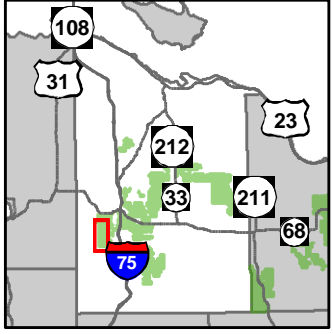
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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

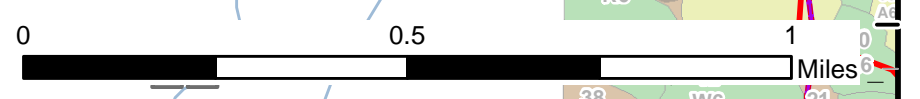
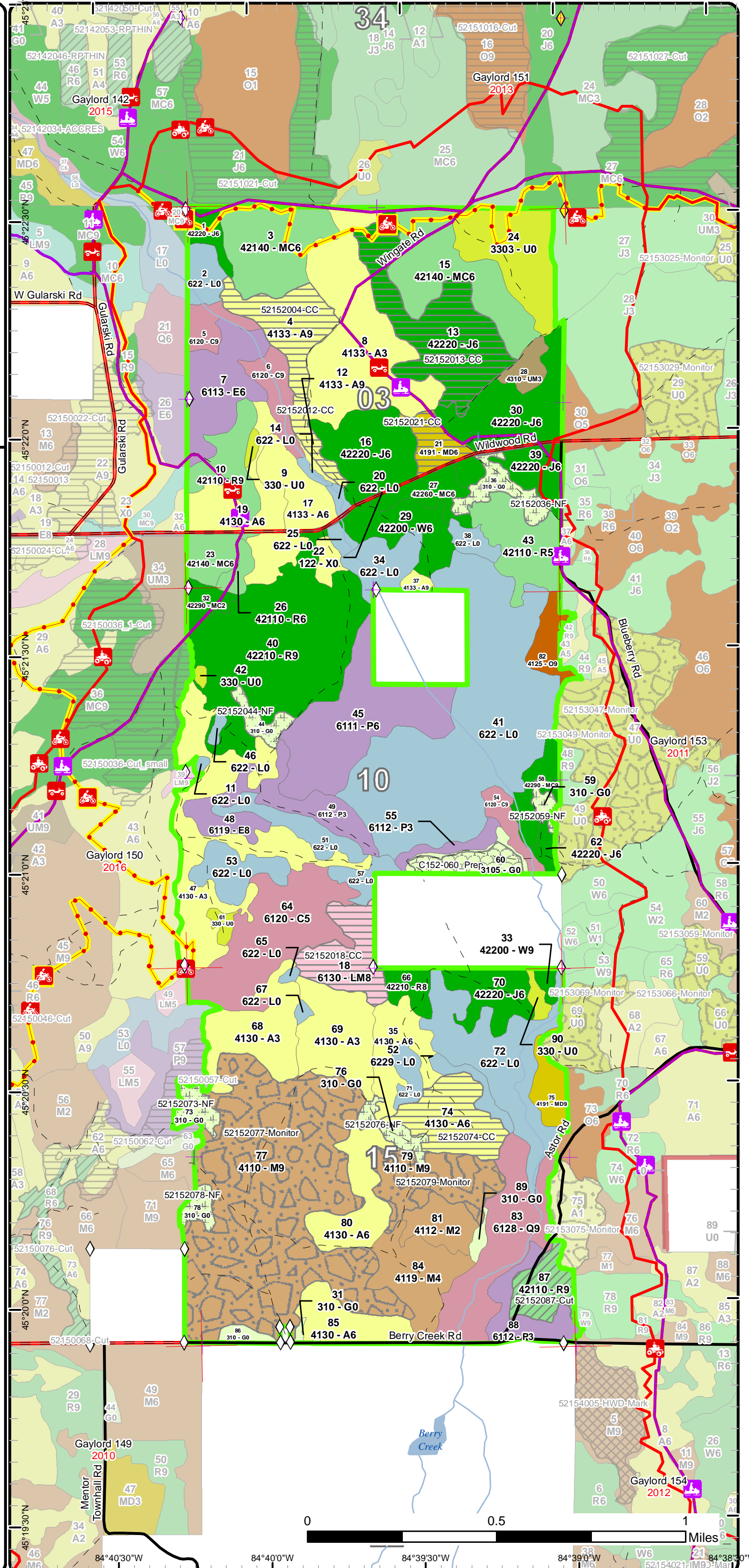
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

Cover Type & Treatments Map

Compartment: 152
 T34N R03W Sec. 3, 10, 15
 County: Cheboygan
 Unit: Gaylord
 Mgmt Area: Cheboygan Lake Plain
 YOE: 2018
 Acres: 1781 GIS Calculated
 Examiner: Shannon Harig
 Map Revised: 8/29/2016
 Map Phase: Post-Review



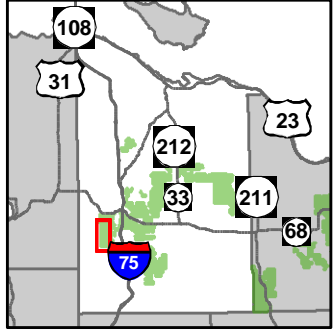
- Miris Corners
- Remonumented Section Corners
- Survey Grade GPS Corners
- Field Grade GPS Corners
- Culverts
- Motorcycle Trails (DNR License)
- MCCCT Trails
- ORV Trails
- ORV Routes
- Snowmobile Trails
- ORV License & Trail Permit
- Designated ATV Trails
- Designated ORV Route
- Designated Snowmobile Trails
- Michigan Cross Country Cycle Trail (MCCCT)
- Paved Roads
- County Gravel Roads
- Poor Dirt Roads
- County Poor Dirt Roads
- Rivers
- Compartment Boundary
- Site Prep
- Clearcut (w/Reserves)
- Other Treatment - See Comments
- Regeneration Survey
- Thinning (Crown, Low, Systematic)
- 411 - Northern Hardwood
- 412 - Oak Types
- 413 - Aspen Types
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 422 - Natural Pines
- 430 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 122 - Roads/Parking Lot
- 310 - Herbaceous Openland
- 330 - Low Density Trees
- 622 - Lowland Shrub
- Lakes



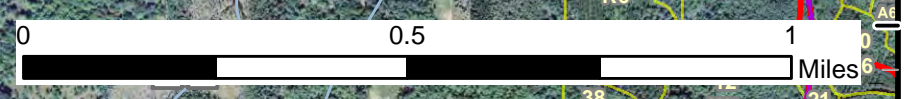
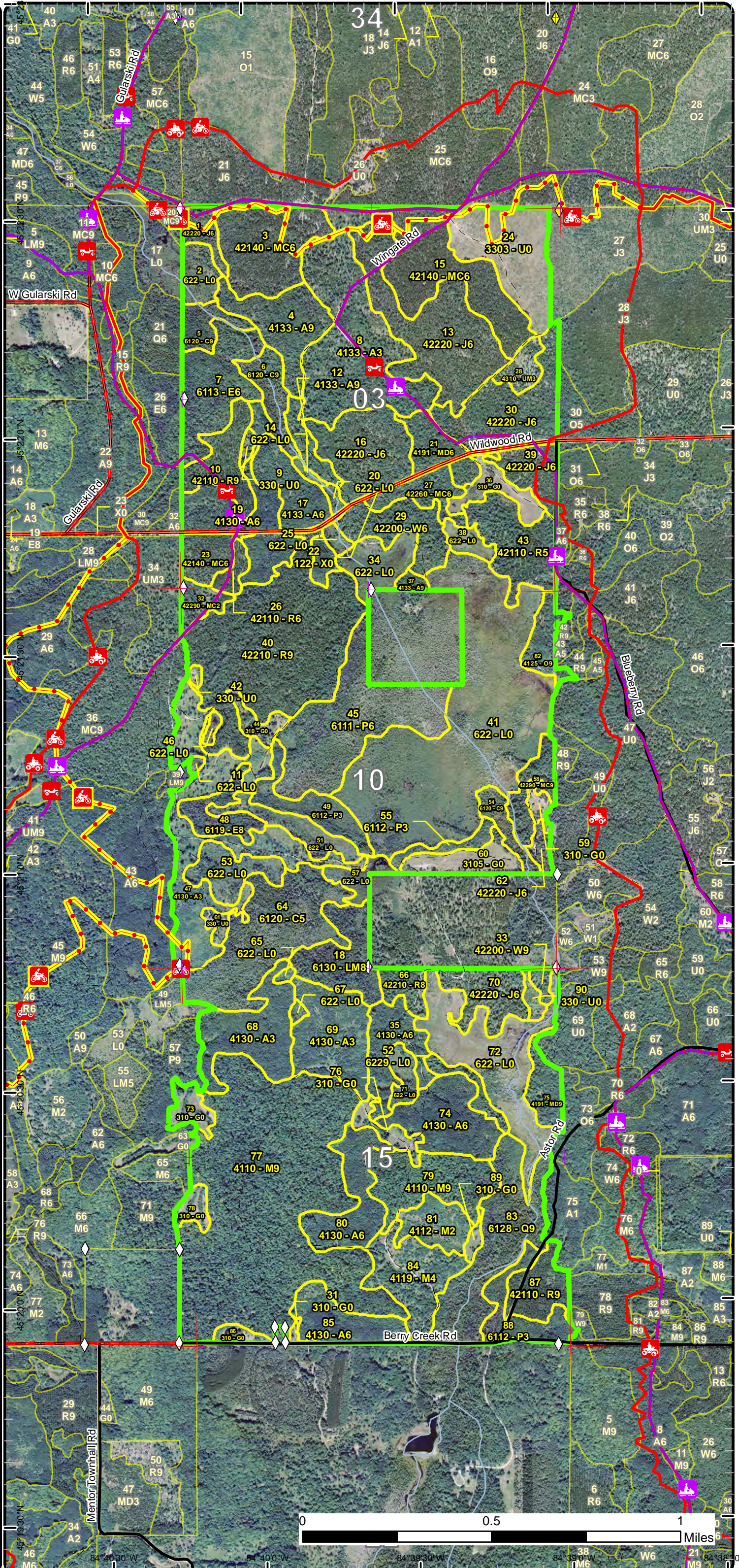
84°40'30"W 84°40'0"W 84°39'30"W 84°39'0"W 84°38'30"W

Stand Boundary Map

Compartment: 152
 T34N R03W Sec. 3, 10, 15
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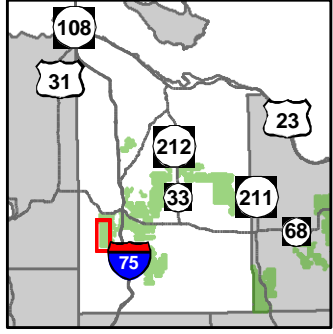
- Miris Corners
- + Remonumented Section Corners
- ◆ Survey Grade GPS Corners
- ◆ Field Grade GPS Corners
- Culverts
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- 🏍️ MCCCT Trails
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- Compartment Boundary
- Stand Boundaries
- 411 - Northern Hardwood
- 412 - Oak Types
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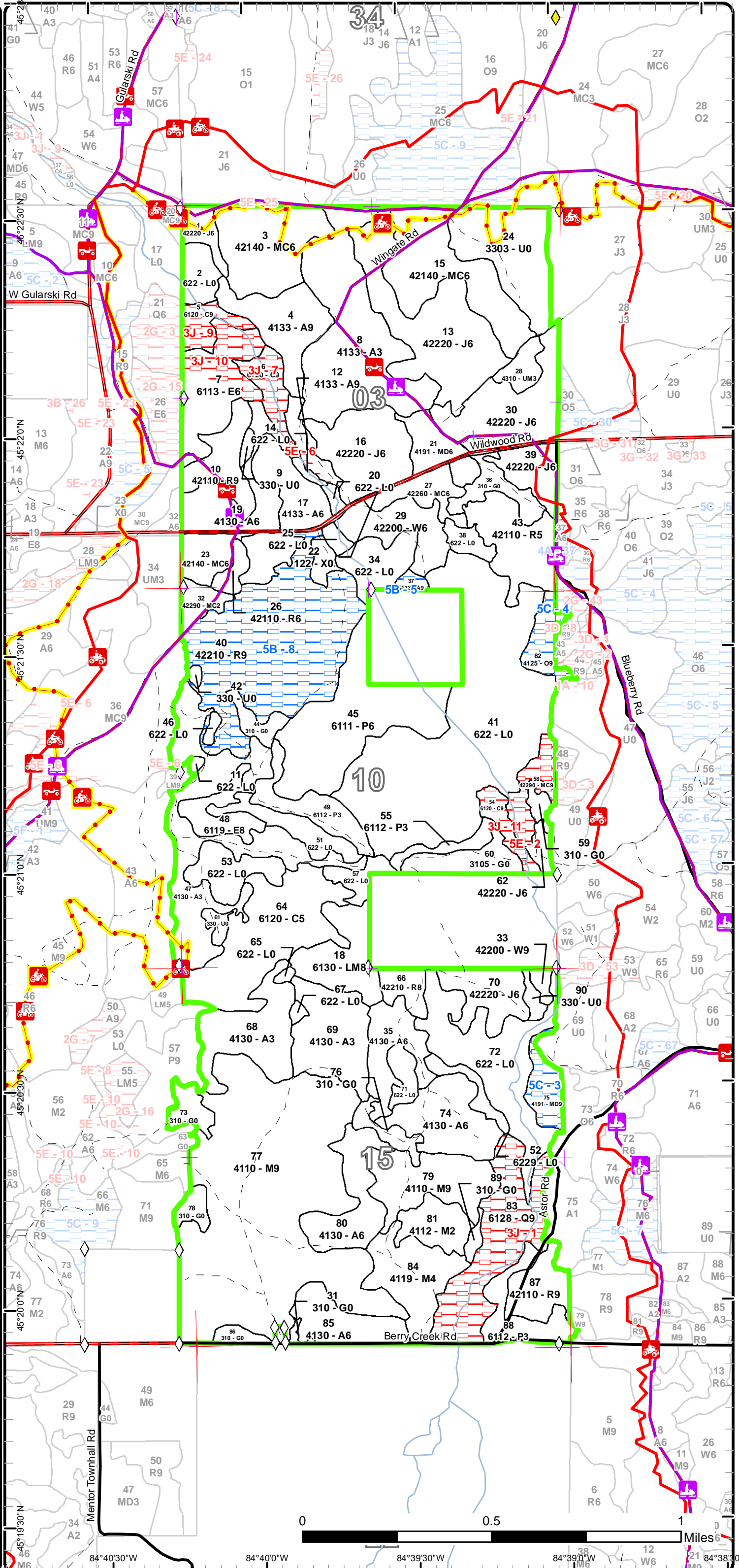
45° 19' 30" N 84° 40' 30" W 84° 39' 30" W 84° 38' 30" W
 45° 20' 0" N 84° 40' 0" W 84° 39' 0" W 84° 38' 0" W

Special Conservation Areas & Site Conditions Map

Compartment: 152
 T34N R03W Sec. 3, 10, 15
 County: Cheboygan
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- Miris Corners
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- Designated Snowmobile Trails
- Michigan Cross Country Cycle Trail (MCCCT)
- Paved Roads
- County Gravel Roads
- Poor Dirt Roads
- County Poor Dirt Roads
- Rivers
- Compartment Boundary
- Available w/ Constraints
- Unavailable
- 5B: Maintain for regeneration purposes
- 5C: Delay treatment for age/size class diversity or exceptional site quality
- 3J: Water quality / BMPs (stream, river, or lake)
- 5E: Long-Term Retention
- Stand Boundaries
- Cold Water Streams



45°20'00"N 84°40'30"W 84°40'00"W 84°39'30"W 84°39'00"W 84°38'30"W
 0 0.5 1 Miles



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	59	98	73	81	18	0	0	35	0	0	0	0	0	0	0	0	0	364
Cedar	0	0	0	0	0	0	0	0	0	0	62	12	7	0	0	0	0	0	81
Herbaceous Openland	58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	58
Jack Pine	0	0	0	0	18	13	71	58	0	0	0	0	0	0	0	0	0	0	160
Low-Density Trees	44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	44
Lowland Aspen/Balsam Poplar	0	0	0	32	6	57	0	0	0	0	0	0	0	0	0	0	0	0	95
Lowland Conifers	0	0	0	0	0	0	0	0	0	0	0	45	0	0	0	0	0	0	45
Lowland Deciduous	0	0	0	0	0	0	44	0	0	0	0	0	0	0	0	0	0	0	44
Lowland Mixed Forest	0	0	0	0	0	0	0	0	0	23	0	0	0	0	0	0	0	0	23
Lowland Shrub	273	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	273
Mixed Upland Deciduous	0	0	0	0	0	0	0	0	0	0	10	0	10	0	0	0	0	0	20
Natural Mixed Pines	0	0	7	0	0	0	0	11	0	0	0	0	0	0	11	0	0	0	29
Northern Hardwood	0	0	13	0	27	0	0	0	175	0	29	0	0	0	0	0	0	0	244
Oak	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	10
Planted Mixed Pines	0	0	0	0	0	0	76	11	0	0	0	0	0	0	0	0	0	0	87
Red Pine	0	0	0	0	0	0	31	32	8	0	96	0	0	0	0	0	0	0	167
Upland Mixed Forest	0	0	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	7
Urban	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
White Pine	0	0	0	0	0	0	0	0	0	23	3	0	0	0	0	0	0	0	26
Total	380	59	118	105	139	88	222	112	218	56	200	57	17	0	11	0	0	0	1782



Report 2 – Treatment Summary

Gaylord Mgt. Unit

Year of Entry: 2018

Acres of Harvest

Compartment 152

Total Compartment Acres: 1,781

Commercial Harvest - 161
 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	59	0	0	0	0	0	0	0	0	59
Jack Pine	54	0	0	0	0	0	0	0	0	54
Lowland Mixed Forest	23	0	0	0	0	0	0	0	0	23
Mixed Upland Deciduous	10	0	0	0	0	0	0	0	0	10
Red Pine	0	0	0	0	0	15	0	0	0	15
Total	146	0	0	0	0	15	0	0	0	161

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	161	10	0	0	0	0	204	0	38	414
Next Step	0	54	54	0	0	0	200	0	0	308
Total	161	64	54	0	0	0	405	0	38	722



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
4	52152004-CC	25.4	4133 - Aspen, Mixed Pine	Sawtimber Well	71	111- 140	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	Draft Field Boundary

Habitat Cut: No**Site Condition:**

Prescription Clearcut everything 2" DBH and up. Leave retention in pockets. Mark 1 to 3 oak or pine per 2 acres to leave. Sale boundary should be a minimum of 100' from Berry Creek. Sign and protect recreation trails during harvest operations. Include stump height spec if harvesting adjacent to trail.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Minimum stocking of aspen, oak and maple.

Regen:

Other

Comment:

Proposed Start Date: 10/01/2017

12	52152012-CC	6.2	4133 - Aspen, Mixed Pine	Sawtimber Well	72	81-110	Harvest	Clearcut	413 - Aspen	Even-Aged	Draft Field Boundary
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Habitat Cut: No**Site Condition:**

Prescription Clearcut everything 2" DBH and up. Mark to leave large white pine.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Minimum stocking of aspen and white pine.

Regen:

Other

Comment:

Proposed Start Date: 10/01/2017

13	52152013-CC	53.9	42220 - Natural Jack Pine	Poletimber Well	65	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 Clearcut with retention. Trench and plant to red pine. Sign and protect recreation trails during harvest operations. Include stump height spec if harvesting adjacent to trail.

Specs:

Next Step SitePrep, Trenching; Planting, Initial Plant; Monitoring, Artificial Regen(1yr); Monitoring, Artificial Regen(3yr)

Treatments:

Acceptable Minimum stocking of red pine.

Regen:

Other

Comment:

Proposed Start Date: 10/01/2017

18	52152018-CC	23.3	6130 - Fir, Aspen, Maple	Sawtimber Medium	81	111- 140	Harvest	Clearcut with Retention	613 - Lowland Mixed Forest	Even-Aged	Draft Field Boundary
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Habitat Cut: No**Site Condition:**

Prescription Clearcut everything 2" DBH and up. Leave retention in islands.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Minimum stocking of red maple, aspen and balsam fir.

Regen:

Other

Comment:

Proposed Start Date: 10/01/2017



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
21	52152021-CC	10.0	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	117	51-80	Harvest	Clearcut with Retention	412 - Oak Types	Even-Aged	Draft Field Boundary

Habitat Cut: No

Site Condition:

Prescription Clearcut everything 2" DBH and up. Mark 1 to 3 oak per acre in clumps to serve as retention. Sign and protect recreation trails during harvest operations. Include stump height spec if harvesting adjacent to trail.

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

Acceptable Minimum stocking of oak, red maple, aspen and pine.
Regen:

Other
Comment:

Proposed Start Date: 10/01/2017

36	52152036-NF	10.6	310 - Herbaceous Openland	Nonstocked	Unspec ified	NonForestMgt	Other - Specify	310 - Herbaceous Openland			Draft Field Boundary
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Habitat Cut: No

Site Condition:

Prescription Brush, mow, plant, burn and/or herbicide to maintain opening. Planting of hard and soft mast.

Next Step
Treatments:

Acceptable
Regen:

Other
Comment:

Proposed Start Date: 10/01/2017

44	52152044-NF	5.9	310 - Herbaceous Openland	Nonstocked	Unspec ified	NonForestMgt	Other - Specify	310 - Herbaceous Openland			Draft Field Boundary
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Habitat Cut: No

Site Condition:

Prescription Brush, mow, plant, burn and/or herbicide to maintain opening. Planting of hard and soft mast.

Next Step
Treatments:

Acceptable
Regen:

Other
Comment:

Proposed Start Date: 10/01/2017

59	52152059-NF	3.5	310 - Herbaceous Openland	Nonstocked	Unspec ified	NonForestMgt	Other - Specify	310 - Herbaceous Openland			Draft Field Boundary
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Habitat Cut: No

Site Condition:

Prescription Brush, mow, plant, burn and/or herbicide to maintain opening. Planting of hard and soft mast.

Next Step
Treatments:

Acceptable
Regen:

Other
Comment:

Proposed Start Date: 10/01/2017



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
73	52152073-NF	6.8	310 - Herbaceous Openland	Nonstocked		Unspec ified	NonForestMgt	Other - Specify	310 - Herbaceous Openland		Draft Field Boundary

Habitat Cut: No**Site Condition:**

Prescription Brush, mow, plant, burn and/or herbicide to maintain opening. Planting of hard and soft mast.

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other

Comment:

Proposed Start Date: 10/01/2017

74	52152074-CC	27.6	4130 - Aspen	Poletimber Well	39	111- 140	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	Draft Field Boundary
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Habitat Cut: No**Site Condition:**

Prescription Clearcut leaving retention in islands.

Specs:

Next Step

Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Minimum stocking of aspen.

Regen:

Other

Comment:

Proposed Start Date: 10/01/2017

76	52152076-NF	6.4	310 - Herbaceous Openland	Nonstocked		Unspec ified	NonForestMgt	Other - Specify	310 - Herbaceous Openland		Draft Field Boundary
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Habitat Cut: No**Site Condition:**

Prescription Brush, mow, plant, burn and/or herbicide to maintain opening. Planting of hard and soft mast.

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other

Comment:

Proposed Start Date: 10/01/2017

77	52152077- Monitor	175.2	4110 - Sugar Maple Association	Sawtimber Well	75	81-110	Monitoring	Natural Regen (Intermediate)	411 - Northern Hardwood	Even-Aged	Draft Field Boundary
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Habitat Cut: No**Site Condition:**

Prescription Continue to monitor regeneration. If beech continues to persist and dominate the stand, alternative methods of regeneration may have to be pursued.

Specs:

Next Step

Treatments:

Acceptable Minimum stocking of northern hardwood other than beech.

Regen:

Other

Comment:

Proposed Start Date: 10/01/2018



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
78	52152078-NF	4.7	310 - Herbaceous Openland	Nonstocked		Unspec ified	NonForestMgt	Other - Specify	310 - Herbaceous Openland		Draft Field Boundary

Habitat Cut: No**Site Condition:**

Prescription Brush, mow, plant, burn and/or herbicide to maintain opening. Planting of hard and soft mast.

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other

Comment:

Proposed Start Date: 10/01/2017

79	52152079- Monitor	29.2	4110 - Sugar Maple Association	Sawtimber Well	96	51-80	Monitoring	Natural Regen (Intermediate)	411 - Northern Hardwood	Uneven- Aged	Draft Field Boundary
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Habitat Cut: No**Site Condition:**

Prescription Continue to monitor regeneration. If beech continues to persist and dominate the stand, alternative methods of regeneration may have to be pursued.

Specs:

Next Step

Treatments:

Acceptable Minimum stocking of northern hardwood except beech.

Regen:

Other

Comment:

Proposed Start Date: 10/01/2018

87	52152087-Cut	14.9	42110 - Planted Red Pine	Sawtimber Well	62	141- 170	Harvest	Crown Thinning	4211 - Planted Red Pine	Even-Aged	Draft Field Boundary
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Habitat Cut: No**Site Condition:**

Prescription Mark stand to a 100 - 120 BA. Concentrate on releasing good quality crop trees.

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other

Comment:

Proposed Start Date: 10/01/2017

60	C152- 060_Prep	9.9	3105 - Mixed Upland Herbaceous	Nonstocked		Unspec ified	SitePrep	Trenching	42110 - Planted Red Pine	Even-Aged	Field Boundary
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Habitat Cut: No**Site Condition:**

Prescription

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other

Comment: Access will require the use of a portable bridge or permission from adjacent landowner. Berm both sides of creek after sale. The one chain buffer requested by Fisheries Division will be the retention for this stand. Old next step comments: Trench and hand plant red pine. Along with red pine, some aspen and white pine regeneration would be acceptable.

Proposed Start Date: 10/23/2013

**Total Treatment
Acreage Proposed: 413.5**

Report 4 – Site Conditions

Gaylord Mgt. Unit
Shannon Harig : Examiner

Compartment: 152
Year of Entry: 2018

Availability for Management

Total Acres	Acres Available	Acres Avail		Dominant Site Conditions	Dominant Site Conditions					
		With Condition	Not Available		5B	5C	5F	3J	5E	
363	360	2	1	Aspen	2					1
81	0	53	28	Cedar			53	28		
58	58	0	0	Herbaceous Openland						
159	159	0	0	Jack Pine						
43	43	0	0	Low-Density Trees						
95	95	0	0	Lowland Aspen/Balsam Poplar	0					
45	0	0	45	Lowland Conifers					45	
44	28	0	16	Lowland Deciduous					16	
23	23	0	0	Lowland Mixed Forest						
273	273	0	0	Lowland Shrub	0					
20	10	10	0	Mixed Upland Deciduous		10				
30	18	0	11	Natural Mixed Pines						11
245	245	0	0	Northern Hardwood						
10	0	10	0	Oak		10				
87	87	0	0	Planted Mixed Pines						
166	71	96	0	Red Pine	96					
7	7	0	0	Upland Mixed Forest						
5	5	0	0	Urban						
26	26	0	0	White Pine						
1,781	1,507	171	102	Total Forested Acres	98	21	53	90		13
	85%	10%	6%	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	3J: Water quality / BMPs (stream, river, or lake)	45	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Gaylord Mgt. Unit
Shannon Harig : Examiner

Compartment: 152
Year of Entry: 2018

2	Unavailable	5E: Long-Term Retention	11	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
3	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	10	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
4	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	10	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
5	Available	5B: Maintain for regeneration purposes	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
6	Unavailable	5E: Long-Term Retention	1	3J: Water quality / BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
Comments:							
7	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	12	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Gaylord Mgt. Unit
Shannon Harig : Examiner

Compartment: 152
Year of Entry: 2018

8	Available	5B: Maintain for regeneration purposes	96	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
9	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	9	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
10	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	16	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
11	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
12	Available	5F: Evaluated for Forest Health Considerations	53	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
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Comments



Report 6 – EXISTING SPECIAL CONSERVATION AREA DETAILS

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

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

Conservation Area	Type	Description
SCA	Cold Water Stream	A coldwater stream has temperature and dissolved oxygen conditions that allow naturally-reproduced or stocked trout populations and those of other coldwater fish species (e.g., slimy sculpin) to persist from year to year. Coldwater streams in Michigan typically provide these conditions due to substantial contributions of groundwater to their stream flows. Such streams are established by Director's action and designated as trout resources by Fisheries Order 210.



Stand	Gaylord Mgt. Unit		Report 7 – Forested Stands			Compartment: 152 Year of Entry: 2018
	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
1	42220 - Natural Jack Pine	Poletimber Well	7.0	51	51-80	Jack pine is small.
3	42140 - Planted Mixed Pine	Poletimber Well	35.2	57	111-140	Let grow another rotation or two before harvest. Jack Pine looks healthy and should hold that long.
4	4133 - Aspen, Mixed Pine	Sawtimber Well	25.4	71	111-140	
5	6120 - Lowland Cedar	Sawtimber Well	8.9	97	111-140	
6	6120 - Lowland Cedar	Sawtimber Well	12.0	104	141-170	
7	6113 - Lowland Maple	Poletimber Well	31.0	53	81-110	
8	4133 - Aspen, Mixed Pine	Sapling Well	67.8	18	Immature	
10	42110 - Planted Red Pine	Sawtimber Well	17.3	60	141-170	Harvest completed in summer of 2009.
12	4133 - Aspen, Mixed Pine	Sawtimber Well	7.5	72	81-110	Scattered very large super canopy white pine.
13	42220 - Natural Jack Pine	Poletimber Well	53.9	65	81-110	Looks healthy, consider harvest in 10 to 20 years. Fair amount of younger jack pine saps scattered about.
15	42140 - Planted Mixed Pine	Poletimber Well	41.2	57	81-110	Nice mix of jack pine and red pine, both look good.
16	42220 - Natural Jack Pine	Poletimber Well	30.5	50	51-80	Some jack pine mortality. A lot of jack pine is short and limby. White pine looks good.
17	4133 - Aspen, Mixed Pine	Poletimber Well	17.5	45	51-80	Mixed stand of aspen and white pine.
18	6130 - Fir, Aspen, Maple	Sawtimber Medium	23.3	81	111-140	Ash larger than sapling size are all dead.
19	4130 - Aspen	Poletimber Well	34.4	38	1-50	
21	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	10.0	117	51-80	A few very large white pine and red pine. Some large white oak. Decent white pine regen in most of the stand (1' to 40' tall).
23	42140 - Planted Mixed Pine	Poletimber Well	10.6	62	51-80	
26	42110 - Planted Red Pine	Poletimber Well	4.6	59	111-140	Harvest completed in summer of 2009.

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Gaylord Mgt. Unit

Report 7 – Forested Stands

Compartment: 152
Year of Entry: 2018

	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
27	42260 - Natural Pine, Mixed Deciduous	Poletimber Well	11.4	62	1-50	Good white pine and white oak regen. Some red oak regen. The jack pine present has great form.
28	4310 - Pine, Oak Mix	Sapling Well	6.7	33	1-50	Scrubby
29	42200 - Natural White Pine	Poletimber Well	23.2	80	81-110	Nice white pine and white oak regen. Some large white oak. Long term MO of Pine/Oak.
30	42220 - Natural Jack Pine	Poletimber Well	33.5	58	51-80	Jack pine looks good. Oak and cherry understory are scrubby.
32	42290 - Natural Mixed Pine	Sapling Medium	6.9	12	Immature	
33	42200 - Natural White Pine	Sawtimber Well	2.6	91	111-140	
35	4130 - Aspen	Poletimber Well	19.2	39	81-110	
37	4133 - Aspen, Mixed Pine	Sawtimber Well	2.2	74	111-140	A lot of white pine regen. Aspen will soon fall out of stand leaving pine and oak. Poor access.
39	42220 - Natural Jack Pine	Poletimber Well	12.9	45	51-80	
40	42210 - Natural Red Pine	Sawtimber Well	95.6	98	81-110	Red pine from 8" to 24"+ DBH. Aspen and red maple regen looks good. Areas of nice white pine regen.
43	42110 - Planted Red Pine	Poletimber Medium	26.2	57	1-50	Removal done in 1998 cutting everything but red pine and white oak.
45	6111 - Lowland Balsam Poplar	Poletimber Well	57.0	47	51-80	
47	4130 - Aspen	Sapling Well	58.7	6	Immature	Natural pine, looks good. Nice white pine regen throughout. Determined at post stage 1 to be of interest.
48	6119 - Mixed Lowland Deciduous Forest	Sawtimber Medium	12.6	54	81-110	Heavy mortality in birch and aspen. Coming back to red maple.
49	6112 - Lowland Aspen	Sapling Well	16.0	28	1-50	Nice regen.
54	6120 - Lowland Cedar	Sawtimber Well	7.4	116	171-200	
55	6112 - Lowland Aspen	Sapling Well	5.7	37	Unspecified	Nice regen



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
58	42290 - Natural Mixed Pine	Sawtimber Well	11.3	133	81-110	Natural stand with large/old white pine. Adjacent to Berry Creek.
62	42220 - Natural Jack Pine	Poletimber Well	3.8	69	81-110	Some large super canopy red pine. Jack pine looks good and healthy. Some decent white pine regen.
64	6120 - Lowland Cedar	Poletimber Medium	52.9	92	81-110	
66	42210 - Natural Red Pine	Sawtimber Medium	7.9	72	81-110	
68	4130 - Aspen	Sapling Well	30.0	28	Immature	
69	4130 - Aspen	Sapling Well	30.4	18		Very nice fully stocked regen.
70	42220 - Natural Jack Pine	Poletimber Well	17.8	39	81-110	Pine looks good.
74	4130 - Aspen	Poletimber Well	27.6	39	111-140	Very nice aspen regen, fully stocked, healthy. some very large white pine along NE edge. Dense maple understory.
75	4191 - Mixed Upland Deciduous with Conifer	Sawtimber Well	10.3	97	141-170	Nice stand of natural oak/pine.
77	4110 - Sugar Maple Association	Sawtimber Well	175.2	75	81-110	Nice quality. Heavy beech understory.
79	4110 - Sugar Maple Association	Sawtimber Well	29.2	96	51-80	A lot of beech and ironwood regeneration. I only saw a couple maple saps. The regen gaps in this stand are pretty small though I don't know that larger gaps would have effected regeneration differently.
80	4130 - Aspen	Poletimber Well	23.8	28	51-80	Very nice aspen regeneration. Some black cherry regeneration also present.
81	4112 - Maple, Beech, Cherry Association	Sapling Medium	13.4	16	Immature	
82	4125 - Black, N. Pin Oak	Sawtimber Well	10.3	80	51-80	
83	6128 - Lowland Coniferous, Mixed Deciduous	Sawtimber Well	45.4	107	111-140	Berry Creek runs through this stand.
84	4119 - Mixed Northern Hardwoods	Poletimber Poor	27.1	32	1-50	
85	4130 - Aspen	Poletimber Well	19.0	28		Nice species mix. Some stump sprout juneberry.

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Gaylord Mgt. Unit

Report 7 – Forested Stands

Compartment: 152
Year of Entry: 2018



S t a n d	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
87	42110 - Planted Red Pine	Sawtimber Well	14.9	62	141-170	A lot of maple in understory.
88	6112 - Lowland Aspen	Sapling Well	15.8	29	Unspecified	Mostly wet though a few high spots.



Stand	Cover Type	Acres	Managed Site	General Comments:
2	622 - Lowland Shrub	8.9	No	Some balsam poplar along north edge of the stand
9	330 - Low-Density Trees	1.7	No	Scattered white pine and aspen.
11	622 - Lowland Shrub	0.9	No	
14	622 - Lowland Shrub	1.5	No	
20	622 - Lowland Shrub	1.8	No	
22	122 - Road/Parking Lot	4.9	No	
24	3303 - Mixed Low Density Trees	35.2		Clearcut in 2010 and 2012. Very nice oak stump sprouts and Jack Pine volunteers.
25	622 - Lowland Shrub	2.5	No	
31	310 - Herbaceous Openland	1.1	No	Scotch pine beginning to take over.
34	622 - Lowland Shrub	14.7	No	
36	310 - Herbaceous Openland	10.6	No	
38	622 - Lowland Shrub	5.3	No	
41	622 - Lowland Shrub	140.0	No	
42	330 - Low-Density Trees	1.0	No	Filling in with red, white and some jack pine.
44	310 - Herbaceous Openland	5.9	No	
46	622 - Lowland Shrub	1.5	No	
51	622 - Lowland Shrub	12.7	No	
52	6229 - Mixed lowland shrub	5.9	No	



Stand	Cover Type	Acres	Managed Site	General Comments:
53	622 - Lowland Shrub	14.9	No	Some BAM throughout the stand.
57	622 - Lowland Shrub	6.8	No	
59	310 - Herbaceous Openland	3.5	No	
60	3105 - Mixed Upland Herbaceous	13.0	Yes	
61	330 - Low-Density Trees	2.8	No	Some small log/pole size oak, red maple and white pine.
65	622 - Lowland Shrub	1.0	No	
67	622 - Lowland Shrub	1.2	No	
71	622 - Lowland Shrub	6.2	No	
72	622 - Lowland Shrub	46.9	No	A lot of long dead cedar. not heavy to shrubs, some areas of cattail and grass.
73	310 - Herbaceous Openland	6.8	No	
76	310 - Herbaceous Openland	6.4	No	
78	310 - Herbaceous Openland	4.7	No	
86	310 - Herbaceous Openland	3.6	No	Some volunteer scotch pine.
89	310 - Herbaceous Openland	2.2	No	
90	330 - Low-Density Trees	2.9	No	Light stocking of sapling size jack pine, white pine and aspen.