



Compartment Review Presentation

Gaylord Forest Management Unit

Compartment 52205

Entry Year 2020

Acreage: 1,616

County Cheboygan

Management Area: Cheboygan Basin Moraines

Revision Date: 2018-04-27

Stand Examiner: John Scheele

Legal Description:

T35N - R01E Sections 6, 7, and 18

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:

This compartment is generally flat except for a network of shallow, yet steeply sloped valleys, that bisect the central part of the compartment and flow to the north. The Tawas-Lupton Association dominates the northern 1/3 of the compartment, north of Rd Bridge Road. This association contains very poorly drained, mucky, organic soils. The Grayling-Rubicon Association dominates the central 1/3 of the compartment which are excessively drained, sandy soils. The Cheboygan-Blue Lake Association is in the southern 1/3 of the compartment and contains excessive to well drained sandy soils.

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

The compartment is entirely state owned except for a 160 acre private parcel in Section 18. It is also completely surrounded by state land.

Unique Natural Features:

The Wood Turtle has been previously identified in Section 18.

Archeological, Historical, and Cultural Features:

Potential historical site located in Section 18. No treatments will impact the site.

Special Management Designations or Considerations:

None were identified at this time.

Watershed and Fisheries Considerations:

This compartment is within the Black River watershed and contains a number of tributaries to Mud Creek, which flows into Black Lake. Proposed treatments include cutting to the ridge above the floodplain, which in most instances is fairly wide (~100'). An appropriate setback from the top of the ridge should be maintained to minimize the potential for soil erosion from the slope.

Wildlife Habitat Considerations:

This compartment contains mostly upland aspen with some lowland areas north of Red Bridge Rd. and along the drainages that flow north into this area. It receives considerable hunting pressure from both upland game hunters and deer hunters. Deer use the swamp areas in the winter, and it is a good area for bear and bobcat throughout the year. The upland areas consist mostly of aspen, pine and some oak. Several stands have been harvested in the past to encourage younger aspen to benefit grouse, deer, and woodcock. There are some additional opportunities this year of entry to encourage similar habitats.

Mineral Resource and Development Concerns and/or Restrictions

Sand/gravel pits are located in the broader area but not the immediate vicinity. There may be sand & gravel potential within the compartment, but development potential may be limited due to wetlands and shallow bedrock. Bedrock limestone (Traverse Group), which has historically been mined in this part of the state, does appear to be near the surface here and could be of interest for future exploration and development. There is no known oil & gas potential in this area and there is currently no active mineral leasing.

Vehicle Access:

Most of the compartment is easily accessible by seasonal county roads and numerous state forest roads. All roads are unimproved. Some isolated pockets of upland are best accessible from the North Eastern State Trail.

Survey Needs:

None needed.

Recreational Facilities and Opportunities:

The North Eastern State Trail (NEST) passes through this compartment. This portion of the NEST is also designated as the Midland to Mackinaw Hiking Trail. The Midland to Mackinaw Hiking Trail and the Michigan Cross Country Cycle Trail follow Michigan State Road along the south boundary of the compartment. The Red Bridge Motorcycle Trail is along the eastern boundary which enters and exits the compartment at a number of locations.

Fire Protection:

The eastern/central edge of the compartment contains pine dominated cover types which create small wildfire potential.

Additional Compartment Information:**The following reports from the Inventory are attached:**

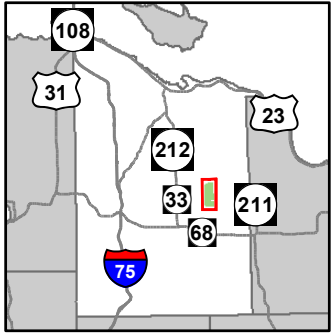
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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

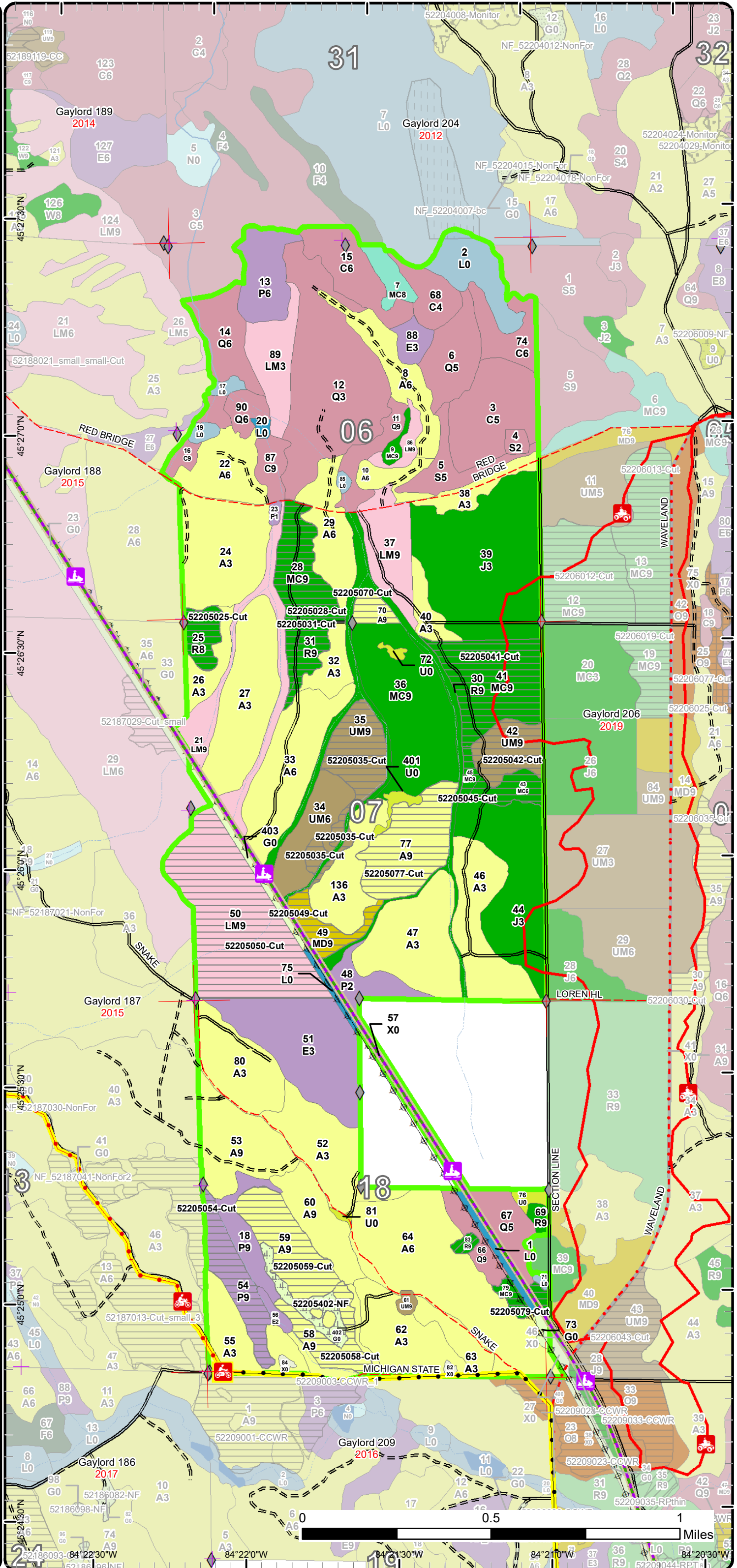
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

Cover Type & Treatments Map

Compartment: 205
 T35N, R01E, Sec. 6, 7, 18
 County: Cheboygan
 Unit: Gaylord
 Mgmt Area: Cheboygan Basin Moraines
 YOE: 2020
 Acres: 1,616 GIS Calculated
 Examiner: John Scheele
 Map Revised: 10/1/2018
 Map Phase: Post-Review

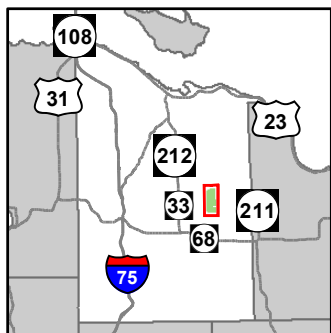


- Miris Corners
- + Remonumented Section Corners
- ◆ Field Grade Corners
- Counties
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- County - Gravel Road
- County - Dirt Road (Seasonal)
- 🏍️ Motorcycle Trails (DNR License)
- 🏍️ MCCCT Trails
- 🏍️ ORV Trails
- 🏍️ Snowmobile Trails
- Designated Hiking Trails
- Designated Bicycle Trails
- ORV License
- ORV License & Trail Permit
- Designated ATV Trails
- Designated Snowmobile Trails
- Michigan Cross Country Cycle Trail (MCCCT)
- Designated RailTrail
- Intermittent Stream
- Lake/Pond
- Perennial River
- Lakes and Rivers All
- ⊕ Powerline
- Compartment Boundary
- Other Treatment - See Comments
- Clearcut (w/Reserves)
- Thinning (Crown, Low, Systematic)
- 413 - Aspen Types
- 419 - Mixed Upland Deciduous
- 422 - Natural Pines
- 429 - Mixed Upland Conifers
- 430 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 123 - Other High Intensity Urban
- 310 - Herbaceous Openland
- 330 - Low Density Trees
- 622 - Lowland Shrub
- 629 - Mixed non-forested wetland
- 790 - Other Bare/Sparsely Vegetated
- Lakes

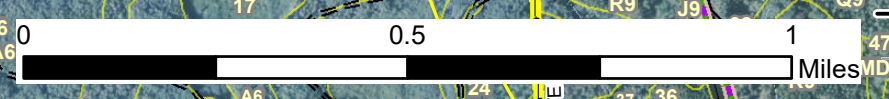
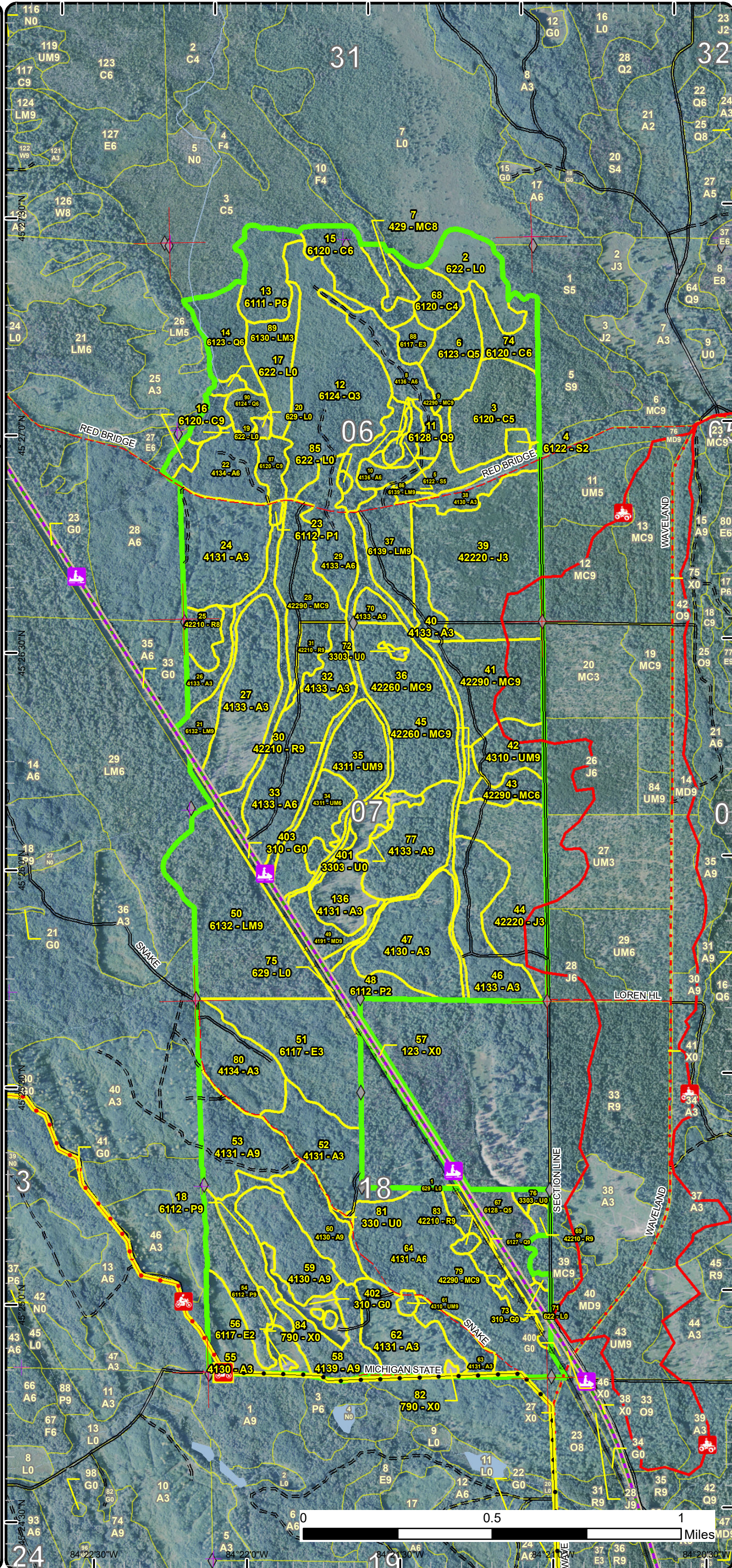


Stand Boundary Map

Compartment: 205
 T35N, R01E, Sec. 6, 7, 18
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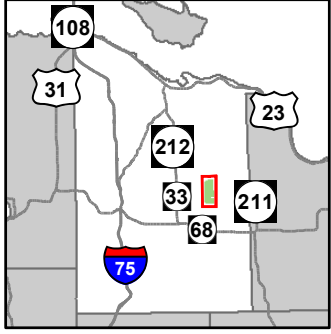


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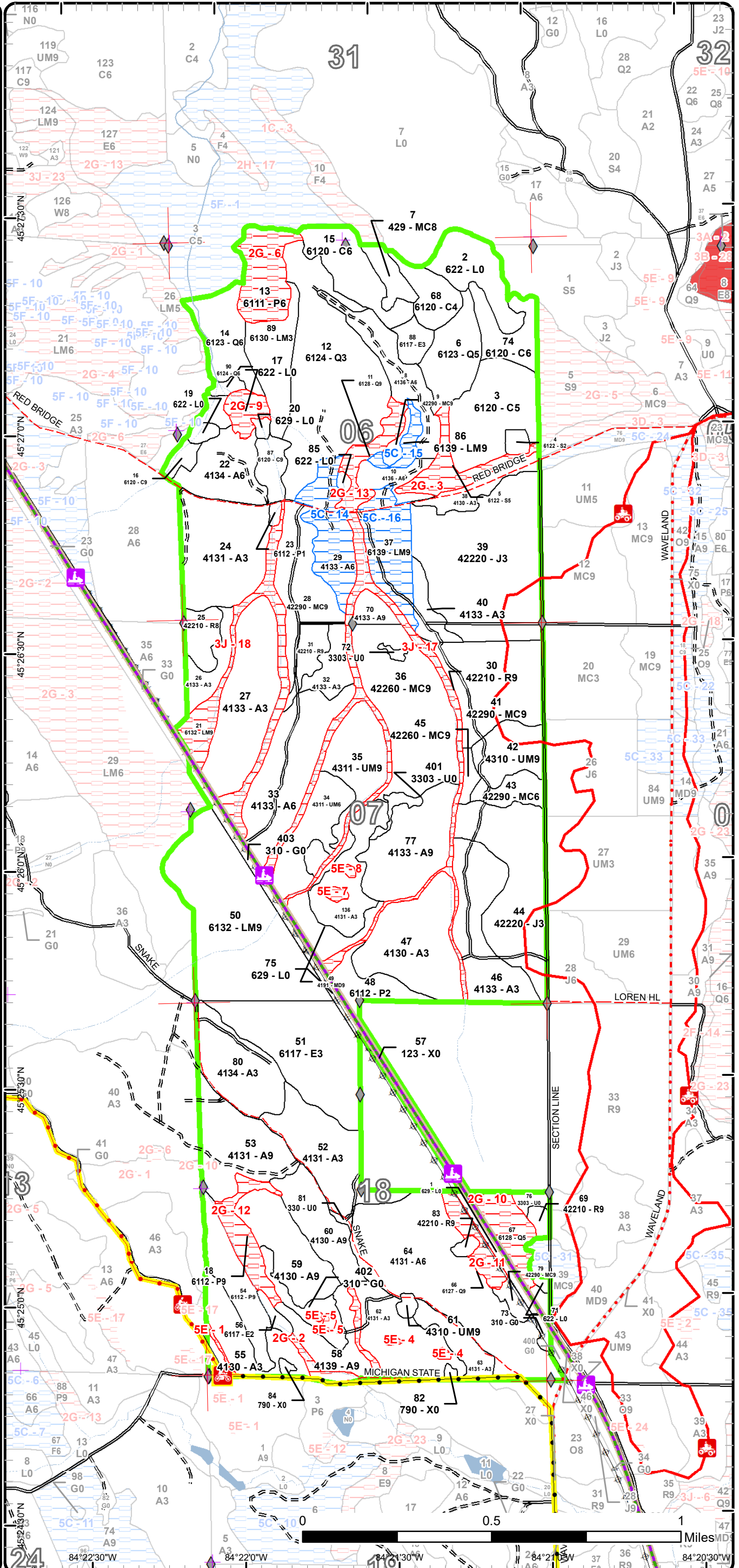


Special Conservation Areas & Site Conditions Map

Compartment: 205
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 Moraines
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- Michigan Cross Country Cycle Trail (MCCCT)
- Designated RailTrail
- Intermittent Stream
- Lake/Pond
- Perennial River
- Lakes and Rivers All
- Powerline
- Compartment Boundary
- Available w/ Constraints
- Unavailable
- 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)
- 5E: Long-Term Retention
- Stand Boundaries
- SCA
- Ecological Reference Areas
- Rail-Trail Corridor



Report 1 – Total Acres by Cover Type and Age Class



Age Class

	Non-Forest	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100-109	110-119	120-129	130-139	140-149	150+	Uneven-Aged	Total
Aspen	0	139	40	166	27	206	0	0	22	32	5	0	0	0	0	0	0	0	637
Bare/Sparsely Vegetated	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Cedar	0	0	0	0	0	0	0	0	0	32	57	0	0	0	0	0	0	0	89
Herbaceous Openland	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
Jack Pine	0	0	46	76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	122
Low-Density Trees	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
Lowland Aspen/Balsam Poplar	0	0	0	12	0	0	0	0	50	0	0	0	0	0	0	0	0	0	62
Lowland Conifers	0	0	0	0	70	19	0	0	22	24	15	0	0	0	0	0	0	0	150
Lowland Deciduous	0	0	0	57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	56
Lowland Mixed Forest	0	0	0	0	19	0	0	0	22	5	100	0	0	0	0	0	0	0	146
Lowland Shrub	35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35
Lowland Spruce/Fir	0	0	0	0	3	0	0	0	0	12	0	0	0	0	0	0	0	0	14
Mixed Upland Deciduous	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	10
Natural Mixed Pines	0	0	0	0	0	0	0	0	68	63	0	0	0	0	0	0	0	2	133
Red Pine	0	0	0	0	0	0	0	0	16	37	0	0	0	0	0	0	0	0	53
Upland Conifers	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	7
Upland Mixed Forest	0	0	0	0	0	20	0	0	25	18	0	0	0	0	0	0	0	0	63
Urban	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12
Total	73	139	86	311	119	245	0	0	225	223	187	0	0	0	0	0	0	9	1614



Report 2 – Treatment Summary

Gaylord Mgt. Unit

Year of Entry: 2020

Acres of Harvest

Compartment 205

Total Compartment Acres: 1,616

Commercial Harvest - 316
 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	75	0	0	0	0	0	0	0	0	75
Lowland Aspen/Balsam Poplar	18	0	0	0	0	0	0	0	0	18
Lowland Mixed Forest	75	0	0	0	0	0	0	0	0	75
Mixed Upland Deciduous	10	0	0	0	0	0	0	0	0	10
Natural Mixed Pines	79	0	0	0	0	0	0	0	0	79
Red Pine	16	0	0	0	2	0	0	0	0	18
Upland Mixed Forest	41	0	0	0	0	0	0	0	0	41
Total	314	0	0	0	2	0	0	0	0	316

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	316	0	0	0	0	0	0	8	0	324
Next Step	0	83	83	0	0	42	355	0	0	563
Total	316	83	83	0	0	42	355	0	8	887



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
25	52205025-Cut	8.7	42210 - Natural Red Pine	Sawtimber Medium	79	51-80	Harvest	Clearcut	4211 - Planted Red Pine	Even-Aged	Draft Field Boundary

Habitat Cut: No**Site Condition:**

Prescription Harvest stand and plant to Red Pine. Expand planting area to the south and east where possible.

Specs:

Next Step SitePrep, Roller Chopping; SitePrep, Trenching; Planting, Initial Plant; Planting, Replant; Pesticide, Aerial; Monitoring, Artificial
Treatments: Regen(1yr); Monitoring, Artificial Regen(3yr)

Acceptable Acceptable regeneration includes a moderate to well stocked stand of planted Red Pine.

Regen:

Other Use appropriate sale specification when setting up treatment to minimize the spread oak wilt.

Comment:

Proposed Start Date: 10/1 /2019

28	52205028-Cut	25.5	42290 - Natural Mixed Pine	Sawtimber Well	79	111-140	Harvest	Clearcut with Retention	4211 - Planted Red Pine	Even-Aged	Draft Field Boundary
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Habitat Cut: No**Site Condition:**

Prescription Harvest stand and replant to Red Pine. Leave a few Red Pine along the west edge of stand for BMP's to the stream. Leave retention area in the southwest corner of stand along the drainage.

Specs:

Next Step SitePrep, Roller Chopping; SitePrep, Trenching; Planting, Initial Plant; Planting, Replant; Pesticide, Aerial; Monitoring, Artificial
Treatments: Regen(1yr); Monitoring, Artificial Regen(3yr)

Acceptable Acceptable regeneration includes a moderate to well stocked stand of planted Red Pine.

Regen:

Other Use appropriate sale specification when setting up treatment to minimize the spread oak wilt.

Comment:

Proposed Start Date: 10/1 /2019

31	52205031-Cut	7.3	42210 - Natural Red Pine	Sawtimber Well	79	81-110	Harvest	Clearcut	4211 - Planted Red Pine	Even-Aged	Draft Field Boundary
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Habitat Cut: No**Site Condition:**

Prescription Harvest stand and replant to Red Pine. Expand planting area to the east and southeast where possible. Put stand retention in southeast part of stand along with stand 28.

Specs:

Next Step SitePrep, Roller Chopping; SitePrep, Trenching; Planting, Initial Plant; Planting, Replant; Pesticide, Aerial; Monitoring, Artificial
Treatments: Regen(1yr); Monitoring, Artificial Regen(3yr)

Acceptable Acceptable regeneration includes moderate to well stocked planted Red Pine.

Regen:

Other Use appropriate sale specification when setting up treatment to minimize the spread oak wilt.

Comment:

Proposed Start Date: 10/1 /2019

35	52205035-Cut	24.8	4311 - Pine, Aspen Mix	Sawtimber Well	79	111-140	Harvest	Clearcut with Retention	4133 - Aspen, Mixed Pine	Even-Aged	Draft Field Boundary
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Habitat Cut: No**Site Condition:**

Prescription Harvest stand to regenerate. Excluded some of the Red Pine along the slopes leading down to drainages from the treatment area. Put stand retention pocket in center of stand around higher pocket of Red Pine. Cut during frozen winter or dry summer conditions to protect the snowmobile trail. Require adequate signage on the North Eastern State Trail to warn trail users of harvest activity.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Acceptable regeneration includes a moderate to well stocked mix of aspen and pine species.

Regen:

Other Use appropriate sale specification when setting up treatment to minimize the spread oak wilt.

Comment:

Proposed Start Date: 10/1 /2019



S t a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Approval Status
41	52205041-Cut	37.0	42290 - Natural Mixed Pine	Sawtimber Well	78	111-140	Harvest	Clearcut with Retention	42260 - Natural Pine, Mixed Deciduous	Even-Aged	Draft Field Boundary

Habitat Cut: No**Site Condition:**

Prescription Harvest stand to regenerate. Leave White Oak and the larger DBH Red and White Pine. Also mark 1 clump of 2 to 3 Red Oak trees per 5 acres to leave. Place stand retention pocket in area with higher amounts of Red Oak. Cut during snow off conditions to promote natural pine regeneration. Do not cut recreational trail marked trees and require adequate signage on motorcycle trail to warn trail users of harvest activity.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Regen: Acceptable regeneration includes a moderate to well stocked mix of pine and deciduous species.

Other Comment: Protect all Red Oak from harvesting damage and possible oak wilt when marking treatment boundaries or retention trees.

Proposed Start Date: 10/1 /2019

42	52205042-Cut	15.8	4310 - Pine, Oak Mix	Sawtimber Well	83	81-110	Harvest	Clearcut with Retention	4122 - Oak, Pine	Even-Aged	Draft Field Boundary
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Habitat Cut: No**Site Condition:**

Prescription Harvest stand to regenerate oak. Leave all White Oak and mark 1 clump of 2 to 3 Red Oaks per 5 acres to leave. Protect residual Red Oak with existing White Oaks. Place stand retention pocket in an area of existing established oak regeneration. Do not cut between 4/15 - 7/15 to protect the existing oak regeneration from possible oak wilt. Do not cut recreational trail marked trees and require adequate signage on the motorcycle trail to warn trail users of harvest activity.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Regen: Acceptable regeneration includes a moderate to well stocked mix of oak, pine, and aspen species.

Other Comment: Protect all Red Oak from harvesting damage and possible oak wilt when marking treatment boundaries or retention trees.

Proposed Start Date: 10/1 /2019

43	52205043-Cut	8.3	42290 - Natural Mixed Pine	Poletimber Well	81	Unspecified	Harvest	Clearcut with Retention	4122 - Oak, Pine	Even-Aged	Draft Field Boundary
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Habitat Cut: No**Site Condition:**

Prescription Harvest stand to regenerate. Leave any White Oak if present. Do not cut between 4/15 - 7/15 to protect the existing oak regeneration from possible oak wilt and during snow off conditions to promote pine regeneration. No other stand retention.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Regen: Acceptable regeneration includes a moderate to well stocked mix of oak and pine species.

Other Comment: Protect all Red Oak from harvesting damage and possible oak wilt when marking treatment boundaries or retention trees.

Proposed Start Date: 10/1 /2019

45	52205045-Cut	2.9	42260 - Natural Pine, Mixed Deciduous	Sawtimber Well	83	51-80	Harvest	Clearcut with Retention	42260 - Natural Pine, Mixed Deciduous	Even-Aged	Draft Field Boundary
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Habitat Cut: No**Site Condition:**

Prescription Harvest stand to regenerate. Do not cut the x-sized Red or White Oak or Red Pine. Cut right up to the drainage where possible. Do not cut between 4/15 - 7/15 to protect the existing oak regeneration from possible oak wilt. No other stand retention due to small stand size.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Regen: Acceptable regeneration includes a moderate to well stocked mix of pine and deciduous species.

Other Comment: Protect all Red Oak from harvesting damage and possible oak wilt when marking treatment boundaries or retention trees.

Proposed Start Date: 10/1 /2019



Stand Name	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Approval Status
49	52205049-Cut	10.0	4191 - Mixed Upland Deciduous with Conifer	Sawtimber Well	94	Unspecified	Harvest	Clearcut with Retention	4136 - Aspen, Mixed Conifer	Even-Aged	Draft Field Boundary

Habitat Cut: No**Site Condition:**

Prescription Harvest stand to regenerate. Leave Red Pine, oak and a few of the larger DBH White Pine. Cut during frozen winter or dry summer conditions to protect the snowmobile trail. Require adequate signage on the North Eastern State Trail to warn trail users of harvest activity.

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

Acceptable Regen: Acceptable regeneration includes a moderate to well stocked mix of aspen, deciduous, and conifer species.

Other Comment: Use appropriate sale specification when setting up treatment to minimize the spread oak wilt.

Proposed Start Date: 10/1 /2019

50	52205050-Cut	74.5	6132 - Mixed Lowland Forest with Cedar	Sawtimber Well	90	Unspecified	Harvest	Clearcut with Retention	613 - Lowland Mixed Forest	Even-Aged	Draft Field Boundary
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Habitat Cut: No**Site Condition:**

Prescription Harvest stand to regenerate. Total treatment acreage may change by more than 25% due to excluding very wet areas. Minimize rutting potential by recommending harvest during dry summer or frozen winter conditions. It is highly recommended to harvest stand between 6/1 and 9/30. Access stand from the south west corner. Possible stand retention would be along drainage in center of the stand and areas along west treatment boundary line. Retention area may be more than 10% of total treatment area.

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

Acceptable Regen: Acceptable regeneration includes a low to moderate stocked mix of aspen, deciduous, and conifer species.

Other Comment: Treatment area was expanded into the Stand 29 of Compartment 52187. There is also an old, overgrown, two-track in the stand that runs from north to the south.

Proposed Start Date: 10/1 /2019

54	52205054-Cut	18.4	6112 - Lowland Aspen	Sawtimber Well	77	Unspecified	Harvest	Clearcut with Retention	6112 - Lowland Aspen	Even-Aged	Draft Field Boundary
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Habitat Cut: No**Site Condition:**

Prescription Harvest stand to regenerate. Do not cut the cedar. Possible stand retention would be along the east boundary and drainage. Minimize rutting potential by recommending harvest during dry summer or frozen winter conditions. Do not cut recreational trail marked trees and require adequate signage on Michigan State Road to warn trail users of harvest activity.

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

Acceptable Regen: Acceptable regeneration includes a moderate to well stocked mix of lowland aspen, deciduous and conifer species.

Other Comment:

Proposed Start Date: 10/1 /2019

58	52205058-Cut	13.7	4139 - Aspen, Mixed Deciduous	Sawtimber Well	77	51-80	Harvest	Clearcut with Retention	4139 - Aspen, Mixed Deciduous	Even-Aged	Draft Field Boundary
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Habitat Cut: No**Site Condition:**

Prescription Harvest stand to regenerate. Do not cut the oak or pine species. Cut during dry summer or frozen winter conditions to reduce rutting potential. Access the stand off of Michigan State Road. Stand retention is the 2 islands in the center of the opening. Do not cut recreational trail marked trees and require adequate signage on Michigan State Road to warn trail users of harvest activity.

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

Acceptable Regen: Acceptable regeneration includes a moderate to well stocked mix of aspen and deciduous species.

Other Comment: Use appropriate sale specification when setting up treatment to minimize the spread oak wilt.

Proposed Start Date: 10/1 /2019



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
59	52205059-Cut	24.7	4130 - Aspen	Sawtimber Well	46	Unspec ified	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	Draft Field Boundary

Habitat Cut: No**Site Condition:**

Prescription Harvest stand to regenerate. Leave the few scattered X-log sized Red Oak which were left over from previous harvest. Put stand retention pocket in center of stand.

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

Acceptable Regen: Acceptable regeneration includes a moderate to well stocked mix of aspen and deciduous species.

Other Comment: Use appropriate sale specification when setting up treatment to minimize the spread oak wilt.

Proposed Start Date: 10/1 /2019

70	52205070-Cut	4.9	4133 - Aspen, Mixed Pine	Sawtimber Well	90	Unspec ified	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	Draft Field Boundary
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Habitat Cut: No**Site Condition:**

Prescription Harvest stand to regenerate. Leave Red Pine and mark clumps of 1 or 2 White Pine and Red Oak to leave per acre. No other stand retention due to small stand size.

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

Acceptable Regen: Acceptable regeneration includes a moderate to well stocked mix of aspen, deciduous and conifer species.

Other Comment: Use appropriate sale specification when setting up treatment to minimize the spread oak wilt.

Proposed Start Date: 10/1 /2019

77	52205077-Cut	32.1	4133 - Aspen, Mixed Pine	Sawtimber Well	83	Unspec ified	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	Draft Field Boundary
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Habitat Cut: No**Site Condition:**

Prescription Harvest stand to regenerate. Leave any larger diameter, x-log sized, pine and Red Oak. Stay on top of the drainage along the east side. Adjust the north treatment line where needed in order to cut any large DBH aspen. Put stand retention pocket in center of treatment area. Cut during winter or summer conditions to protect the snowmobile trail. Require adequate signage on the North Eastern State Trail to warn trail users of harvest activity.

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

Acceptable Regen: Acceptable regeneration includes a moderate to well stocked mix of aspen, oak and pine species.

Other Comment: Use appropriate sale specification when setting up treatment to minimize the spread oak wilt.

Proposed Start Date: 10/1 /2019

79	52205079-Cut	5.2	42290 - Natural Mixed Pine	Sawtimber Well	78	81-110	Harvest	Clearcut with Retention	42221 - Natural Jack Pine, Mixed Deciduous	Even-Aged	Draft Field Boundary
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Habitat Cut: No**Site Condition:**

Prescription Harvest stand to regenerate. Do not cut Red Pine, or oak and mark a couple White Pine trees per acre to leave. Cut during dry summer conditions to promote natural jack Pine.

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

Acceptable Regen: Acceptable regeneration includes a moderate to well stocked mix of natural Jack Pine and deciduous species.

Other Comment: Use appropriate sale specification when setting up treatment to minimize the spread oak wilt.

Proposed Start Date: 10/1 /2019



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
83	52205083-Cut	1.7	42210 - Natural Red Pine	Sawtimber Well	83	171- 200	Harvest	Crown Thinning	42210 - Natural Red Pine	Even-Aged	Draft Field Boundary

Habitat Cut: No**Site Condition:**

Prescription Thin stand to 100 to 120 BA. Leave the best quality trees. Cut the suppressed and larger DBH trees.

Specs:

Next Step
Treatments:

Acceptable
Regen:

Other
Comment:

Proposed Start Date: 10/1 /2019

402	52205402-NF	8.3	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. Pruning of soft mast shrubs.

Specs:

Next Step
Treatments:

Acceptable
Regen:

Other
Comment:

Proposed Start Date: 10/1 /2019

**Total Treatment
Acreage Proposed: 323.8**

Report 4 – Site Conditions

Gaylord Mgt. Unit
John Scheele : Examiner

Compartment: 205
Year of Entry: 2020

Availability for Management

Total Acres	Acres Available	Acres Avail		Dominant Site Conditions	Dominant Site Conditions			
		With Condition	Not Available		5C	2G	3J	5E
637	488	21	128	Aspen	21	7		121
2	1	0	1	Bare/Sparsely Vegetated				1
90	90	0	0	Cedar				
16	16	0	0	Herbaceous Openland				
122	122	0	0	Jack Pine				
7	7	0	0	Low-Density Trees				
63	31	0	32	Lowland Aspen/Balsam Poplar		32		
150	112	0	39	Lowland Conifers		39		
56	56	0	0	Lowland Deciduous				
146	94	27	26	Lowland Mixed Forest	27		26	
35	16	0	18	Lowland Shrub				18
15	2	0	12	Lowland Spruce/Fir		12		
10	10	0	0	Mixed Upland Deciduous				0
133	81	0	51	Natural Mixed Pines				51
53	20	0	32	Red Pine			32	0
7	7	0	0	Upland Conifers				
62	42	0	20	Upland Mixed Forest				20
13	13	0	0	Urban				
1,616	1,209	48	359	Total Forested Acres	48	90	58	212
	75%	3%	22%	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	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
1	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Long-Term Retention for Stand 55.							

Report 4 – Site Conditions

Gaylord Mgt. Unit
John Scheele : Examiner

Compartment: 205
Year of Entry: 2020

2	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	7	3J: Water quality / BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
Comments: Seasonal drainage that flows to the south.							
3	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	12	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Also, very low volume in stand.							
4	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
5	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Long-term Retention for Stand 58.							
6	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	20	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Also poor quality and low volume.							
7	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments: For Stand 136.							
8	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments: For Stand 136							

Report 4 – Site Conditions

Gaylord Mgt. Unit
John Scheele : Examiner

Compartment: 205
Year of Entry: 2020

9	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Also, poor quality							
10	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	14	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Low volume and poor quality.							
11	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	8	3L: Other wildlife concerns	3D: Recreational / Scenic values	Unspecified	Unspecified
Comments:							
12	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	12	5C: Delay treatment for age/size class diversity or exceptional site quality	Unspecified	Unspecified	Unspecified
Comments: Try to cut the drier areas of the stand when treating the stand to the east in the next YOE.							
13	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	10	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Gaylord Mgt. Unit
John Scheele : Examiner

Compartment: 205
Year of Entry: 2020

14	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	22	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Consider treating next YOE.							
15	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Leave for next YOE to be possibly cut with adjacent aspen stand to the east.							
16	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	22	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Delay treatment until next YOE with adjacent surrounding stands.							
17	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	32	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
18	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	26	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

Mgt. Unit

Compartment:

Year of Entry



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
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
3	6120 - Lowland Cedar	Poletimber Medium	32.4	92	Unspecified	2018 Cedar is very poor quality with dying tops. Very wet ground. A lot of dead trees.
4	6122 - Black Spruce	Sapling Medium	2.5	38	Unspecified	2018 No cedar regeneration observed. 2008 THIS WAS A WINTER DEER CUT COMPLETED IN 1978. PRIMARILY SPRUCE AND FIR. I LOOKED FOR CEDAR BUT I DID NOT FIND ANY. THE SOUTH EDGE OF THE CUT HAS A LOT OF HARDWOOD REGENERATION MIXED IN.
5	6122 - Black Spruce	Poletimber Medium	12.4	87	Unspecified	2018 Canopy closer to 50%. 2008 THERE IS A NOTICABLE LACK OF CEDAR IN THIS STAND AS COMPARED TO STAND #3 ADJACENT TO THE EAST.
6	6123 - Lowland Fir	Poletimber Medium	19.3	40	Unspecified	
7	429 - Mixed Upland Conifers	Sawtimber Medium	6.9	181	51-80	2018 Some x-sized Red Pine trees. Pockets of large Red Pine trees and pockets of low ground with Red Maple. Variable Red Pine DBH between 4 - 20+ inches. Some nice, tall, cabin log-sized diameter trees. 2008 THIS IS AN ISOLATED RIDGE OF HIGHER GROUND. MANY OF THE LARGER PINE APPEAR QUITE OLD. I WOULD IMAGINE THE YOUNGER PINE HAVE SEEDED IN OVER THE YEARS.
8	4136 - Aspen, Mixed Conifer	Poletimber Well	19.7	39	Unspecified	2018 Close to 75% canopy cover. Stand is a long, narrow, rolling ridge with lowland on both sides. Some scattered x-sized White Pine along the edges. Also some scattered, larger diameter aspen and Red Maple. Wide variety of tree species and sizes. Less aspen to the north of stand.
9	42290 - Natural Mixed Pine	Sawtimber Well	2.4	181	81-110	2018 Narrow ridge about 8 feet higher than the surrounding topography. Scattered individual large DBH Red Pine and White Pine. Cabin, log-sized Red Pine. Possible old railroad grade crossing in the south part of the stand crossing west to east. Preserve for uniqueness purposes. Leave any treatments until next YOY with surrounding stands. 2008 THIS STAND IS SURROUNDED BY LOWER GROUND. CONSIDER A THINNING THE NEXT TIME THE ADJACENT STAND #8 IS TREATED.
10	4136 - Aspen, Mixed Conifer	Poletimber Well	7.7	39	Unspecified	2018 Some log and x-sized White Pine scattered and along the edges of stand.
11	6128 - Lowland Coniferous, Mixed Deciduous	Sawtimber Well	10.0	81	Unspecified	2018 Black Ash overstory is dead. Some larger aspen, spruce, and cedar on the higher ground. Cedar is relatively short (4 sticks) and bigger diameter. 2008 PRIMARILY SPRUCE AND TAMARACK WITH VERY LITTLE CEDAR. A DRAINAGE SPILLS INTO THIS STAND FROM THE SOUTH AND SIMPLY SPREADS OUT INTO SHEET FLOW. THIS IS A WET STAND.
12	6124 - Lowland Spruce-Fir	Sapling Well	70.2	38	Unspecified	2018 Stand is close to being a pole-sized stand. Some good cedar regeneration in areas. 1 to 2 foot high stumps. 2 separate, narrow, upland ridges running north and south in center of the stand with larger diameter trees. Pockets of higher component of spruce. 2008 STAND WAS CUT OVER A MULTIPLE YEAR PERIOD BACK IN THE 70'S AND 80'S FOR DEER HABITAT IMPROVEMENT. I FOUND A LOT OF ADVANCED CEDAR REGENERATION THROUGHOUT PORTIONS OF THE STAND. THIS IS A VERY WET STAND.



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
13	6111 - Lowland Balsam Poplar	Poletimber Well	19.8	70	Unspecified	2018 Larger diameter sized trees than the stand to the south. Drier soil. No willow spp. and less Tag Alder. Much easier to walk through. North part of stand has more understory of conifer. Many rabbit and coyote tracks.
14	6123 - Lowland Fir	Poletimber Well	22.0	75	Unspecified	2018 All the previous black ash (pole-sized) is dead, which was a significant component of the overstory. Fair amount of blowdown. There is a stream in the center of the stand. Many rabbit and coyote tracks.
15	6120 - Lowland Cedar	Poletimber Well	21.0	87	Unspecified	2018 Cedar is 3 stick tall. Poor quality. Some blowdown in areas. Some scattered log-sized cedar and tamarack.
16	6120 - Lowland Cedar	Sawtimber Well	3.6	90	Unspecified	2018 Stream is center of stand. A lot of blowdown along the west side of stream with aspen regeneration. Black Ash is dead in overstory.
18	6112 - Lowland Aspen	Sawtimber Well	12.1	77	Unspecified	2018 Long, narrow strip of higher ground surrounded by mostly low ground. Drainage along the west edge of stand. A few scattered x-sized White Pine. Also a few scattered burnt, large White Pine stumps.
21	6132 - Mixed Lowland Forest with Cedar	Sawtimber Well	25.7	90	Unspecified	2018 Stream/drainage at bottom of 20 foot steep slopes. Stand individual tree species percentages vary throughout the stand. Birch and aspen are dying out and cedar DBH range from 6 to 12 inches. Some blowdown in areas. 2008 FOR THE MOST PART THIS IS A SWAMP CONIFER STAND AND IT LACKS THE LARGE RED AND WHITE PINE THAT ARE MORE COMMON IN STAND #30.
22	4134 - Aspen, Spruce/Fir	Poletimber Well	20.5	25	Immature	2018 Close to a sapling stand. Some scattered bigger diameter Balsam Fir and aspen. Stand gets wetter to the west where most of the Quaking Aspen is located.
23	6112 - Lowland Aspen	Sapling Poor	1.2	20	Immature	2018 Cedar was cut previously. Stream in center.
24	4131 - Aspen, Oak	Sapling Well	39.8	17	Immature	2018 Pockets of oak and White Pine. A few larger DBH (20+) of oak and White Pine. 2008 THE DRAIAGE IN THE WESTERN PORTION OF THE STAND IS NOT CURRENTLY WET ALTHOUGH IT MOST LIKELY IS DURING CERTAIN TIMES OF THE YEAR.
25	42210 - Natural Red Pine	Sawtimber Medium	8.7	79	51-80	2018 Stand thinned as part of 52-116-10-01 in 2014. More White Pine north part of stand. Lots of deer tracks and droppings. BA is 70.
26	4133 - Aspen, Mixed Pine	Sapling Well	9.2	3	Immature	2018 Stand cut as part of 52-116-10-01 in 2014. Everything cut except oak and pine. White Pine DBH range from sapling to log-sized.
27	4133 - Aspen, Mixed Pine	Sapling Well	40.4	3	Immature	2018 Stand was cut in the winter of 2015 with everything cut except pine and oak. Variable DBH for the residual pine from 4 to 20 inches. Pockets of higher BA of oak and pine.



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
28	42290 - Natural Mixed Pine	Sawtimber Well	25.5	79	111-140	2018 Nice pockets of Red and White Pine. Variable DBH of Red and White Pine from 4 to 18+ inches. Scattered burnt, large pine stumps. Pockets of mostly White Pine and Balsam Fir in the northwest corner of stand. Some larger DBH aspen along the west boundary. BA is approximately 120. 2008 ASPEN WAS REMOVED FROM THIS STAND IN 1973. ALL OF THE CONIFERS WERE LEFT DURING THAT HARVEST. SOME AREAS ARE QUITE HEAVY TO RED PINE ESPECIALLY THE SOUTHERN END. OTHER AREAS ARE HEAVY TO FIR, ESPECIALLY THE NORTHWEST CORNER.
29	4133 - Aspen, Mixed Pine	Poletimber Well	21.5	48	Unspecified	2018 Some higher DBH trees along the drainage/stream to the east. A few large, burnt pine stumps scattered in stand. North side of Red Bridge Road is a little lower ground with more Balsam Fir.
30	42210 - Natural Red Pine	Sawtimber Well	32.4	81	51-80	2018 Some blowdown in areas of the drainage. 2008 THIS STAND IS MADE UP OF VERY DISTINCT VALLEYS. THE LOWER BOTTOMS ARE TYPICALLY LOWLAND HARDWOODS AND SWAMP CONIFERS. THE SIDE SLOPES THOUGH ARE OFTEN HEAVY TO RED AND WHITE PINE.
31	42210 - Natural Red Pine	Sawtimber Well	7.3	79	81-110	2018 Stand thinned as part of 52-116-10-01 in 2014. Deer or elk runways in the stand. BA is 95.
32	4133 - Aspen, Mixed Pine	Sapling Well	9.1	3	Immature	2018 Stand was cut as part of 52-116-10-01 in 2015. Everything cut except pine and oak. Some larger aspen was left uncut in the northeast corner of the stand.
33	4133 - Aspen, Mixed Pine	Poletimber Well	38.0	45	Unspecified	2018 Pockets of higher pine species in center of stand. 2008 SOME OF THE REGENERATION IN THIS STAND IS VERY NICE, ESPECIALLY TOWARDS THE SOUTH END. CENTRAL PORTIONS THOUGH ARE A BIT MORE SPARSE. SOME RESIDUAL OAK AND PINE ARE SCATTERED THROUGHOUT.
34	4311 - Pine, Aspen Mix	Poletimber Well	19.6	47	Unspecified	2018 Some larger diameter aspen was left during last harvest. south part is mostly aspen while the north part has more residual Red Pine and pine regeneration. Maybe split the stand next YOY. Possibly convert the north part to pine.
35	4311 - Pine, Aspen Mix	Sawtimber Well	24.8	79	111-140	2018 Some good quality x-sized Red Pine trees with some trees dying out. Good pine regeneration occurring. DBH range for the Red Pine is 8 to 20 inches. Pockets of higher Red Pine BA, especially along the edges of the drainages. Higher amount of aspen in center of the stand, which also has trunk rot. 2008 THIS STAND WAS OBVIOUSLY NOT CUT WHEN THE ADJACENT STAND #34 WAS. CERTAINLY THE NEXT TIME STAND #34 IS TREATED THE ASPEN AND SOME OF THE PINE COULD BE REMOVED.
36	42260 - Natural Pine, Mixed Deciduous	Sawtimber Well	51.4	83	111-140	2018 A few larger diameter White Pine, Red Pine, and oak. White Pine DBH range is mostly from 5 to 12 inches. Observed a goshawk and nest just south of the opening in the north center part of the stand. 2008 TO MY KNOWLEDGE THIS STAND HAS NEVER BEEN TREATED. THERE IS A WELL DISPERSED ASPEN COMPONENT IN THE STAND. NO MANAGEMENT NEEDS TO BE DONE AT THIS TIME.



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
37	6139 - Mixed Lowland Forest	Sawtimber Well	22.1	78	81-110	2018 Red Oak is large crowned and multi-stemmed. A few scattered x-sized oak trees. Nice 16" DBH Red Pine along the east edge of stand. Overall Red Pine is nice quality. Better quality soil/site. BA is approximately 110. 2008 THIS IS AN EXTREMELY VARIABLE STAND. TO ME THOUGH OAK IS THE MOST WELL DISTRIBUTED SPECIES AND SHOULD BE FEATURED. PORTIONS OF THE STAND HAVE A LOT OF RED PINE WHILE OTHER AREAS HAVE A LOT OF ASPEN. I AM RECOMMENDING THAT WE ALLOW THE ASPEN TO DIE OUT SO THAT THE WHITE PINE UNDERSTORY CAN FILL IN UNDER THE COVER OF THE OAK.
38	4130 - Aspen	Sapling Well	9.5	26	Immature	2008. THIS WAS CUT IN 1991 AND 1992. THIS PORTION IS ON A SLIGHT SIDE SLOPE LEADING DOWN TO RED BRIDGE ROAD. IT CAME BACK VERY WELL TO ASPEN. OAK WAS LEFT AS RESIDUAL ESPECIALLY ON THE NORTH SIDE OF THE ROAD.
39	42220 - Natural Jack Pine	Sapling Well	76.0	26	Immature	2008 THIS WAS CUT IN 1991 AND 1992. IT ALMOST APPEARS THAT THE STAND WAS FURROWED. THE REGENERATION THOUGH DOES NOT SEEM TO HAVE BENEFITED THOUGH SINCE THE REGENERATION IS NOT GROWING WITHIN THE FURROWS. SOME WIDELY SCATTERED OAK AND PINE WERE LEFT.
40	4133 - Aspen, Mixed Pine	Sapling Well	7.6	26	Immature	2008 STAND WAS CUT IN 1991 AND 1992. THIS PORTION OF THE SALE AREA CAME BACK STRONG TO ASPEN. SCATTERED OAK WERE LEFT AS RESIDUAL.
41	42290 - Natural Mixed Pine	Sawtimber Well	37.0	78	111-140	2018 Jack and Red Pine DBH range from 4 - 11". Red Pine is good quality but knotty. A lot of pole-sized Red Pine. Some scattered x-sized Red and White Pine. Jack Pine and aspen dying out. BA is 140. 2008 RECOMMEND LETTING THE JACK PINE SLOWLY DIE OUT OF THE STAND SO THAT THE WHITE PINE UNDERSTORY CAN DEVELOP.
42	4310 - Pine, Oak Mix	Sawtimber Well	15.8	83	81-110	2018 Jack Pine is dying or dead. Canopy closure is about 75%. Some aspen is over mature. Large crowned, multi-stemmed oak. Pockets of no canopy with oak regeneration. BA is 87. 2008 THIS STAND IS QUITE SPARSE OVERALL. OAK SEEMS TO BE THE MOST DOMINANT FEATURE ALTHOUGH IT DID NOT SHOW UP THAT MUCH IN THE PLOTS. WHEN STAND #41 TO THE NORT IS CUT I WOULD CONSIDER REMOVING THE OVERSTORY TO ALLOW THE DEVELOPING UNDERSTORY A CHANCE TO TAKE OVER.
43	42290 - Natural Mixed Pine	Poletimber Well	8.3	81	Unspecified	2018 Larger Jack Pine is dying out or dead. Poor quality stand. Aspen is poor quality. All pine is branchy with low annual growth. Mixed MO.
44	42220 - Natural Jack Pine	Sapling Well	46.2	17	Immature	2008 THIS STAND WAS CUT IN LATE 2000.
45	42260 - Natural Pine, Mixed Deciduous	Sawtimber Well	2.9	83	51-80	2018 A few scattered x-sized oak and Red Pine. Jack Pine and aspen is dying out.
46	4133 - Aspen, Mixed Pine	Sapling Well	32.4	25	Immature	2018 Close to a pole-sized stand. Some pockets and individual pole-sized aspen. There are a few x-sized Red and White Pine along the west boundary.



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
47	4130 - Aspen	Sapling Well	38.2	24	Immature	2018 Pockets of lower density trees along the east boundary. Close to a pole-sized stand. 2008 THIS STAND WAS CUT IN THE WINTER OF 1992-1993 ALONG WITH STANDS #46 AND #48. THIS PORTION OF THE SALE AREA WAS STILL UPLAND ALTHOUGH IT IS CERTAINLY NOT AS DRY AS STAND #46 TO THE EAST NOR IS IT AS WET AS STAND #48 TO THE WEST. SOME WIDELY SCATTERED RESIDUAL OAK WERE LEFT.
48	6112 - Lowland Aspen	Sapling Medium	11.3	24	Immature	2018 Some pole-sized trees along the snowmobile trail and along the edges of the stand. Pockets of mostly Tag Alder. Scattered pole-sized Balsam Fir. 2008 THIS STAND WAS CUT IN THE WINTER OF 1992-1993 ALONG WITH STANDS #46 AND #47. THIS PORTION OF THE SALE AREA WAS QUITE WET SO IT CAME BACK TO A LOT OF TAG ALDER. SOME DECENT CLONES OF ASPEN ARE PRESENT THOUGH ON POCKETS OF DRIER GROUND.
49	4191 - Mixed Upland Deciduous with Conifer	Sawtimber Well	10.0	94	Unspecified	2018 This part of the stand was not included in the harvested area to the northeast. A few larger Red Pine in the northwest part of the stand.
50	6132 - Mixed Lowland Forest with Cedar	Sawtimber Well	74.5	90	Unspecified	2018 Aspen is dying out and has trunk rot. Blowdown is occurring. Nice quality cedar. White birch and black Ash is dead. Some larger DBH cedar and aspen along an old two-track in center of the stand. One possible access to the stand is from the power line where the two-track is. Some type of bird's nest along the northwest boundary line. 2008 THIS STAND IS FAIRLY WET WITH SEVERAL DRAINAGES ORIGINATING WITHIN OR PASSING THROUGH THE STAND.
51	6117 - Lowland Deciduous, Mixed Coniferous	Sapling Well	47.7	25	Immature	2018 Canopy closure is closer to 75%. 2008 THIS WAS CUT IN THE SUMMER OF 1992 ALONG WITH STAND #52. THIS PORTION OF THE SALE IS QUITE WET WITH A LOT OF TAG ALDER. THERE WAS ALSO HEAVY RUTTING IN SOME AREAS. ASPEN DID COME BACK WHERE THERE WERE SLIGHT RIDGES OF DRIER GROUND.
52	4131 - Aspen, Oak	Sapling Well	31.0	25	Immature	2018 THIS STAND WAS CUT IN THE SUMMER OF 1992 ALONG WITH STAND #51. THIS PORTION OF THE SALE AREA WAS DRIER SO THE REGENERATION CAME BACK VERY WELL. FIR REGEN IS ALSO MIXED IN THROUGHOUT.
53	4131 - Aspen, Oak	Sawtimber Well	30.4	46	Unspecified	2018 Nice, tall aspen. Close to a pole-sized stand in areas. Pockets of mostly pole/sapling aspen. Larger trees near the drainage in the southwest part of the stand. Some x-log sized Red Oak and pockets of 10"> aspen within stand. Adjacent stand to the west were recently cut. 2008 THIS STAND HAS JUST ENETERED MERCHANTABLE SIZE CLASS. THE STAND IMMEDIATELY ADJACENT TO THE WEST WILL BE HARVESTED SOON SO I WOULD LIKE TO CARRY THIS STAND FOR AT LEAST TEN OR POSSIBLY TWENTY YEARS.



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
54	6112 - Lowland Aspen	Sawtimber Well	18.4	77	Unspecified	2018 Aspen is over mature with some individual trees dying out. Aspen has trunk rot and some blowdown within the stand. The ash appears alive but with some dying or dead. Small pockets of cedar and wetter soils with dogwood. Drainage along the east boundary of stand. 2008 THIS IS A PRETTY WET STAND WITH A SMALL STREAM FLOWING THROUGH IT. THE FIR COMPONENT ALSO DISTINGUISHES THIS STAND. SOME CEDAR CAN BE FOUND CLOSE TO THE STREAM ITSELF.
55	4130 - Aspen	Sapling Well	21.7	5	Immature	2018 Stand cut in fall of 2012 as part of 52-117-10-01 (SNAKE TRAIL ASPEN).
56	6117 - Lowland Deciduous, Mixed Coniferous	Sapling Medium	2.5	25	Immature	2018 Close to a low ground shrub stand. The larger ash appears dead. Larger aspen along edge of stand. More cedar is in the north part of the stand.
58	4139 - Aspen, Mixed Deciduous	Sawtimber Well	21.5	77	51-80	2018 Aspen and birch are dying out. Aspen quality is low. Some larger DBH Red Maple between 12 and 18 inches. More Bigtooth Aspen on the western side of stand. Scattered, larger 3 to 4 foot wide, burnt, pine stumps. Site is workable regarding a timber harvest. Wetter soils with drainages surround the stand on most sides.
59	4130 - Aspen	Sawtimber Well	24.7	46	Unspecified	2018 Trees appear to be larger diameter than trees in stand to the east. Some larger sized Quaking Aspen in the south part of stand which has some trunk rot. A few scattered X-log sized Red Oak left over from previous harvest.
60	4130 - Aspen	Sawtimber Well	19.6	46	Unspecified	2018 Nice, tall aspen. Some 12 DBH aspen. Quaking aspen has some trunk rot. Trees seem smaller than the stand to the west. Ash looks alive but some have woodpecker damage. There is a drainage in the center of the stand going east with scattered cedar.
61	4310 - Pine, Oak Mix	Sawtimber Well	1.8	83	81-110	2018 Variable Red Pine DBH from 2 to 20 inches. BA is 105. 2008. A RATHER UNIQUE STAND FOR THIS PART OF THE COMPARTMENT SINCE EVERYTHING ELSE IS ASPEN. FOR DIVERSITY SAKE WE MIGHT AS WELL LEAVE THIS AS IS.
62	4131 - Aspen, Oak	Sapling Well	26.6	5	Immature	2018 STAND HARVESTED AS PART OF 52-117-10-01 (SNAKE TRAIL ASPEN) IN 2012. EVERYTHING WAS CUT EXCEPT OAK, SUGER MAPLE, AND PINE.
63	4131 - Aspen, Oak	Sapling Well	10.2	5	Immature	2018 STAND HARVESTED AS PART OF 52-117-10-01 (SNAKE TRAIL ASPEN) IN 2012. LARGE SUGAR MAPLE AND OAK LEFT IN STAND.
64	4131 - Aspen, Oak	Poletimber Well	72.1	47	Unspecified	2008 THIS STAND WAS CUT IN 1970 LEAVING QUITE A BIT OF OAK RESIDUAL.
66	6127 - Lowland Pine	Sawtimber Well	8.4	92	51-80	2918 Transition stand from high to low ground. Some >20" White Pine. Pocket of mostly cedar along the power line in north part of stand. Lots of deer tracks and droppings. More Jack Pine and spruce in south part of stand. Jack Pine blowing over.



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
67	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Medium	13.7	87	Unspecified	2018 Lots of deer tracks and droppings. Pockets of cedar and White Pine in center of stand. White Pine DBH range from 8 to 22+ inches. Very wet stand.
68	6120 - Lowland Cedar	Poletimber Poor	11.4	87	Unspecified	2018 Sparse overstory of cedar with very heavy understorey. Lots of blowdown. Some log-sized cedar.
69	42210 - Natural Red Pine	Sawtimber Well	2.5	86	111-140	Stand thinned in 2014. Nice Red and White Pine. White Pine DBH range from 6 to 20+ inches. More white pine in south part of stand.
70	4133 - Aspen, Mixed Pine	Sawtimber Well	4.9	90	Unspecified	2018 Large aspen is poor quality. Aspen DBH range from 4 to 20+ inches.
74	6120 - Lowland Cedar	Poletimber Well	14.3	92	Unspecified	2018 Scattered log-sized cedar with heavy sapling and pole-sized Balsam Fir understorey. Cedar is short and blowing over. Cedar DBH is 4 - 12 inches. Balsam Fir is succeeding. Heavy rabbit and coyote tracks.
77	4133 - Aspen, Mixed Pine	Sawtimber Well	32.1	83	Unspecified	2018 Aspen is over mature. White and Red Pine DBH range from 4 to 16 inches with some large diameter pine and oak.
79	42290 - Natural Mixed Pine	Sawtimber Well	5.2	78	81-110	
80	4134 - Aspen, Spruce/Fir	Sapling Well	27.2	25	Immature	2018 Pockets of lowland shrubs in center of the stand. Saw a coyote heading west out of the stand. 2008 THIS STAND WAS CUT IN THE SUMMER OF 1992 ALONG WITH STAND #51. THIS PORTION OF THE SALE AREA WAS DRIER SO THE REGENERATION CAME BACK VERY WELL. FIR REGEN IS ALSO MIXED IN THROUGHOUT.
83	42210 - Natural Red Pine	Sawtimber Well	1.7	83	171-200	2018 Red Pine DBH ranges from 4 TO 18 inches. 2008 THE WESTERN EDGE OF THE STAND HAD THE ASPEN REMOVED WHEN STAND #64 WAS CUT.
86	6139 - Mixed Lowland Forest	Sawtimber Well	4.7	81	Unspecified	2018 Wetter soil with cedar along the east side. Little pockets of Tag Alder. Canopy is closer to 75%. Harvesting is possible when it is eventually prescribed.
87	6120 - Lowland Cedar	Sawtimber Well	7.4	90	Unspecified	2018 Stream in center of stand.
88	6117 - Lowland Deciduous, Mixed Coniferous	Sapling Well	5.8	29	Immature	2018 Cedar overstorey was cut in 1988-89. Piles of trees left in rows.
89	6130 - Fir, Aspen, Maple	Sapling Well	19.2	38	Unspecified	2018 This stand appears to have not been cut when the stand to the east was. Medium to high amount of cedar in pockets in understorey. Close to a pole stand with more sapling sized trees in the north part of stand.

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Gaylord Mgt. Unit

Report 7 – Forested Stands

Compartment: 205
Year of Entry: 2020



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
90	6124 - Lowland Spruce- Fir	Poletimber Well	6.4	90	Unspecified	2018 Drainage/streams in stand. Cedar is short and low quality. Spruce is taller and better quality. Moderate blowdown. A few scattered log sized cedar. Lots of rabbit tracks.
136	4131 - Aspen, Oak	Sapling Well	21.6	4	Immature	Stand was cut as part of 52-116-10-01 in 2014. Some pole-sized oak was also left from the previous harvest.



Stand	Cover Type	Acres	Managed Site	General Comments:
1	629 - Mixed non-forested wetland	4.6	No	
2	622 - Lowland Shrub	19.2	No	
17	622 - Lowland Shrub	2.1	No	
19	622 - Lowland Shrub	2.3	No	
20	629 - Mixed non-forested wetland	1.4	No	2018 Old beaver flooding. 2008 APPEARS TO BE AN OLD BEAVER FLOODING THAT HAS SINCE BEEN ABANDONED.
57	123 - Other High Intensity Urban	12.5	No	North East State Trail.
71	622 - Lowland Shrub	1.0	No	
72	3303 - Mixed Low Density Trees	1.0	No	
73	310 - Herbaceous Openland	1.7	No	
75	629 - Mixed non-forested wetland	2.9	No	
76	3303 - Mixed Low Density Trees	2.7	No	
81	330 - Low-Density Trees	0.8	No	
82	790 - Other Bare/Sparsely Vegetate	0.7	No	2018 LANDING AREA FOR HARVEST.
84	790 - Other Bare/Sparsely Vegetate	0.9	No	2018 Landing site for timber harvest.
85	622 - Lowland Shrub	1.1	No	
401	3303 - Mixed Low Density Trees	2.6	No	2018 THIS IS A NATURAL OPENING WITH VERY LITTLE SCATTERED TIMBER.
402	310 - Herbaceous Openland	8.3	Yes	
403	310 - Herbaceous Openland	6.1	No	