



Compartment Review Presentation

Cadillac Forest Management Unit

Compartment 63105

Entry Year 2024

Acreage: 1,507

County Missaukee

Management Area: Upper Muskegon

Stand Examiner: Matt Edison

Legal Description:

T21N R5W, Sections 19, 20, and 21

Identified Planning Goals:

: Maintain cover types and age class diversity. Manage for a variety of cover types and wildlife species.

Soil and topography:

Sections 19 and 20 are flat and contain some wet swampy areas. Section 21 is gently rolling and is all upland. Soil series consist of Rubicon sand, Montcalm-Graycalm complex, Roscommon mucky sand, and Iosco loamy sand.

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

Sections 20 and 21 are solid State ownership. Section 19 is interspersed with private ownership consisting of farms and residences. Lands listed for acquisition are in section 19 E ½ SE.

Unique Natural Features:

Potential for secretive locust in the bog and marsh cover types. There is potential for Red Shouldered Hawk and Goshawk in the northern hardwood cover types.

Archeological, Historical, and Cultural Features:

Several old railway grades traverse the compartment.

Special Management Designations or Considerations:

Oak mortality from previous years of drought and gypsy moth has been reduced by timber sales and salvage harvests. Oak wilt may cause problems for this compartment if/when it is identified in the area.

Watershed and Fisheries Considerations:

There are no surface waters in sections 20 and 21 of this compartment. The headwaters of Cranberry Creek flow through section 19. Cranberry Creek is classified as a warm transitional stream and should be protected with the standard Best Management Practice setbacks recommended in the Forest Management Guidelines. (R. O'Neal 10/12)

Wildlife Habitat Considerations:

This compartment provides a good mix of timber types and mixed age classes providing habitat for numerous upland game and non-game species. There has been a large amount of oak die-off in recent years and there has been little success in regenerating the oak type. There has been a large increase in red/white pine types at the expense of oak types. Management efforts should continue to support maintaining early successional habitat types and age class diversity with improved efforts to regenerate the oak component for wildlife species. Featured species guidance will be considered for American bittern, American woodcock, beaver, black bear, eastern massasauga rattlesnake, mallard, pileated woodpecker, red-headed woodpecker, ruffed grouse, snowshoe hare, white-tailed deer, and wood duck. (E. Victory 9/2012)

Mineral Resource and Development Concerns and/or Restrictions

No known potential exists for commercial metallic mineral production in this part of the state. The nearest active sand/gravel pit is more than two miles to the north. There appears to be some good potential for sand in the compartment and possibly some gravel. There has been no oil & gas production within the compartment and no recent well permitting activity in the area. There was historically Stray Sandstone gas production southwest of the compartment, and the Cranberry Lake gas storage field is less than one mile away. A significant portion of the State-owned mineral rights within the compartment and the area east have been leased in the recent past for oil & gas exploration and development. Potential for future hydrocarbon production beneath the compartment is unknown.

Vehicle Access:

A forest road access plan is detailed on the compartment map. Identified are state and county roads as well as forest roads and trails under the jurisdiction of the DNR.

Survey Needs:

None needed this entry.

Recreational Facilities and Opportunities:

Recreational Facility Considerations: There are no developed recreation facilities within this compartment however, dispersed hunting is popular in the area. (T.M.N. 8-30-12)

Fire Protection:

Accessible by county road, forest road, and pipeline. The northwest portion of the compartment is lowland and may hinder suppression equipment use. (BET 08-01-12)

Additional Compartment Information:

The following reports from the Inventory are attached:

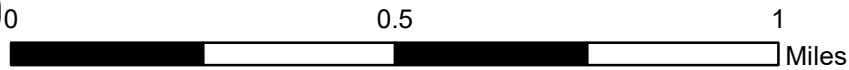
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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

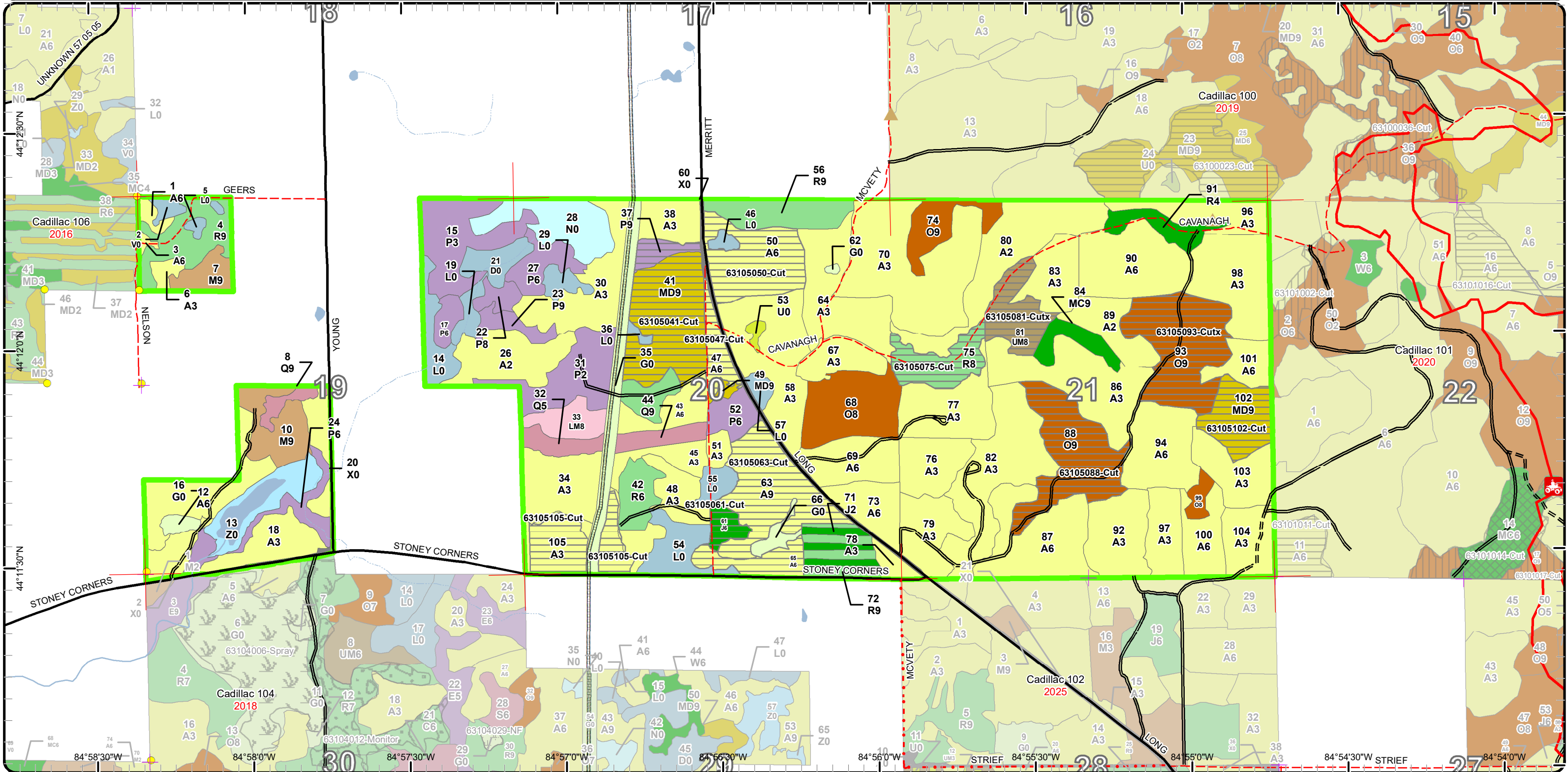
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

Cover Type & Treatments Map

Compartment: 105
 T21NR5W Sec.19,20,21
 County: Missaukee
 Unit: Cadillac
 Mgmt Area: Upper Muskegon
 YOE: 2024
 Acres: 1507.2 GIS Calculated
 Examiner: Matt Edison
 Map Revised: 10/4/2022
 Map Phase: Post- Review

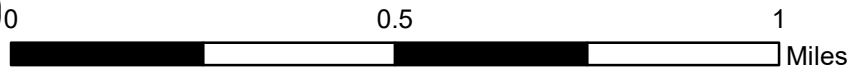


- Miris Corners
- + Remonumented Section Corners
- Survey Grade Corners
- Counties
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State / County - Paved Road
- County - Gravel Road
- County - Dirt Road (Seasonal)
- 🚙 ORV Trails
- Designated ATV Trails
- ▲ Berms
- Intermittent Stream
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Pipeline
- Compartment Boundary
- Clearcut (w/Reserves)
- 411 - Northern Hardwood
- 412 - Oak Types
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 422 - Natural Pines
- 430 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 122 - Roads/Parking Lot
- 310 - Herbaceous Openland
- 330 - Low Density Trees
- 500 - Water
- 622 - Lowland Shrub
- 623 - Emergent Wetland

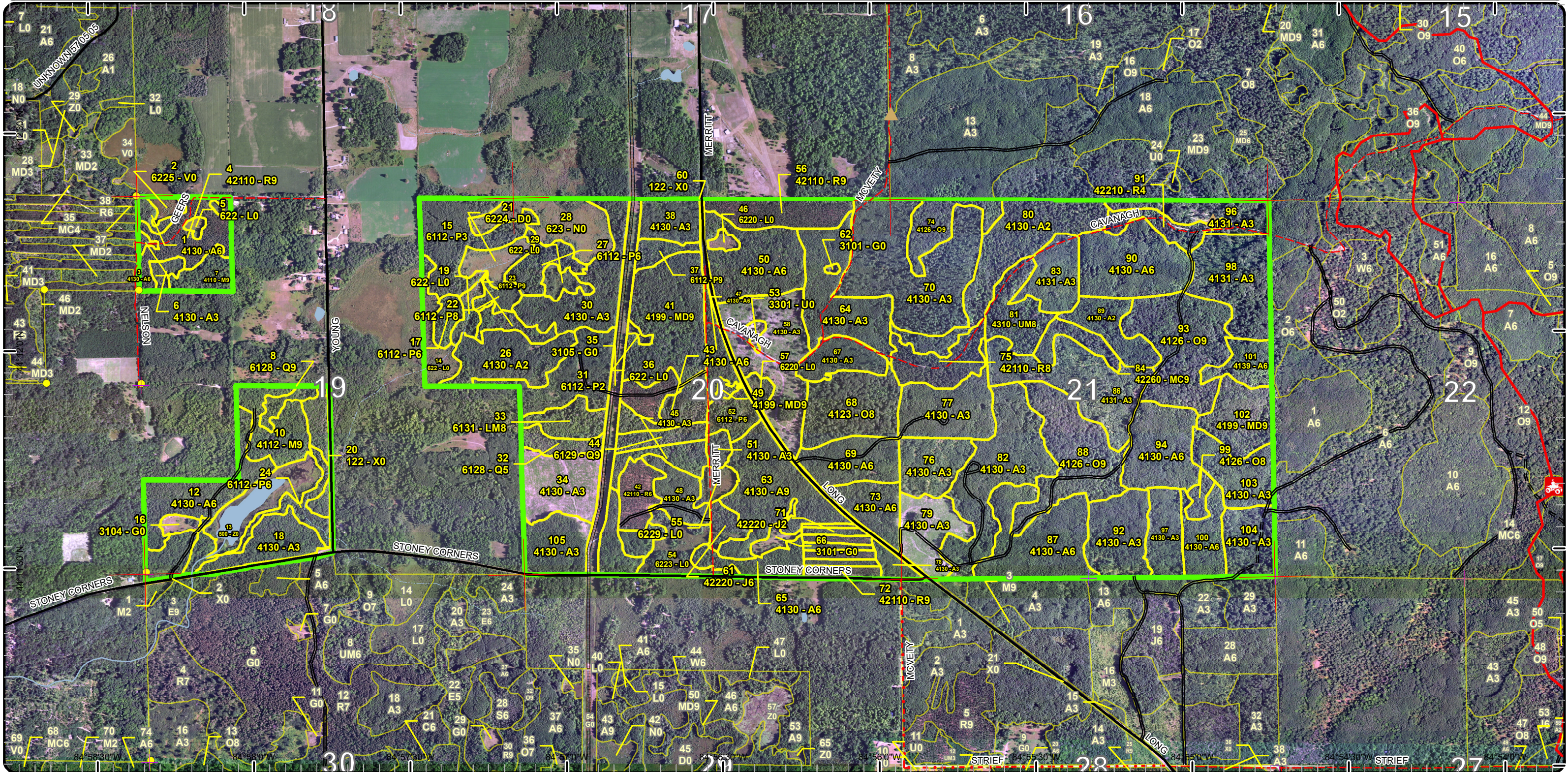


Stand Boundary Map

Compartment: 105
 T21NR5W Sec.19,20,21
 County: Missaukee
 Unit: Cadillac
 Mgmt Area: Upper Muskegon
 YOE: 2024
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 Examiner: Matt Edison
 Map Revised: 10/4/2022
 Map Phase: Post- Review

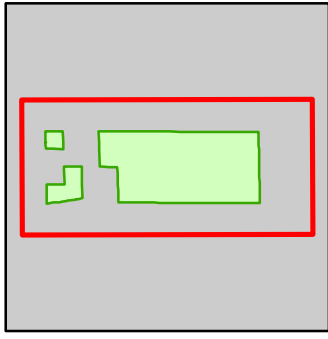
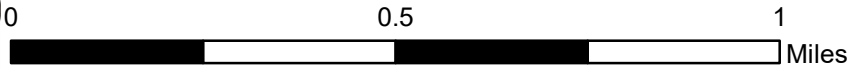


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- Survey Grade Corners
- Counties
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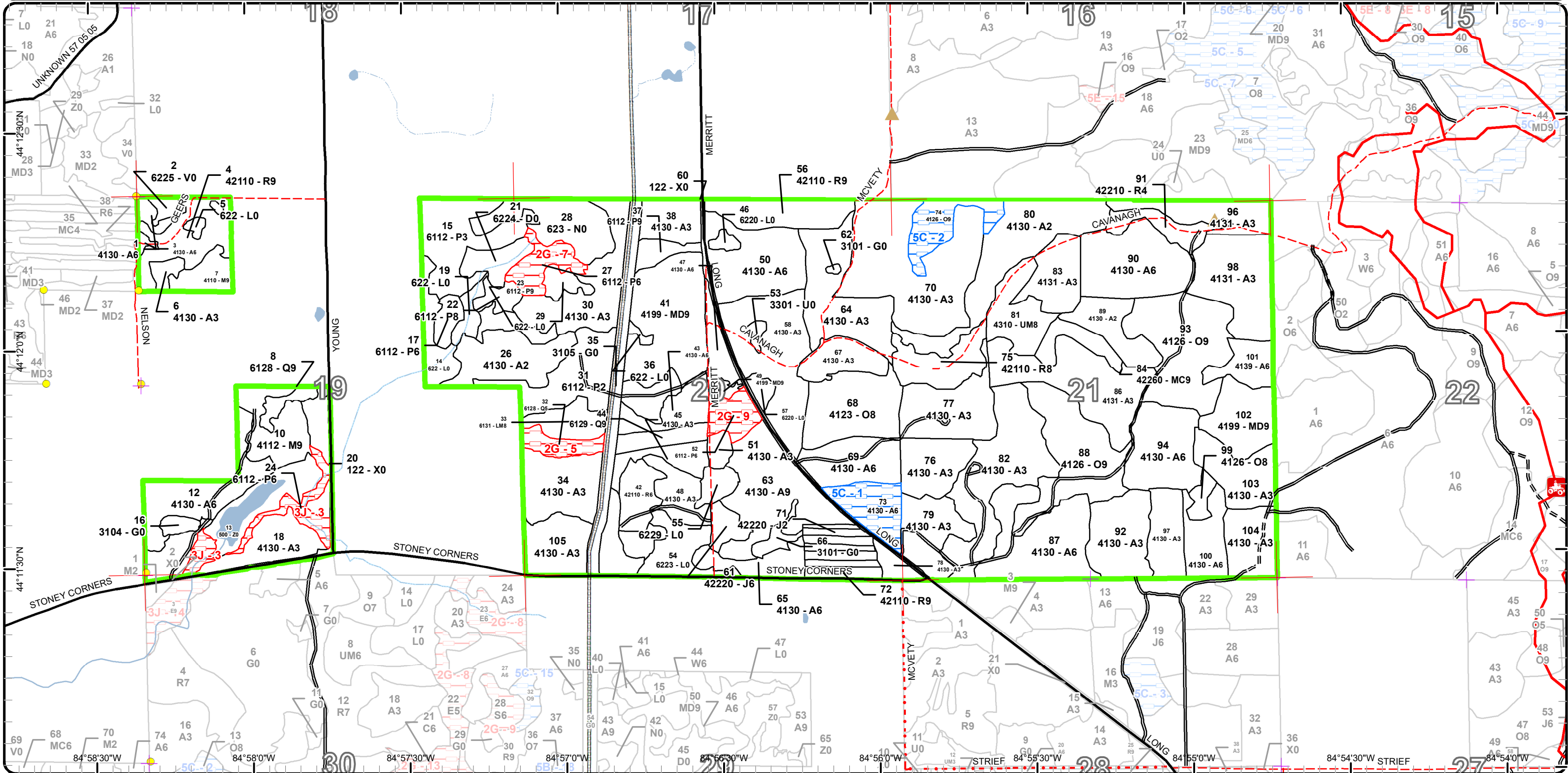


Special Conservation Areas

Compartment: 105
 T21NR5W Sec.19,20,21
 County: Missaukee
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- Designated ATV Trails
- ▲ Berms
- Intermittent Stream
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Pipeline
- Compartment Boundary
- Available w/ Constraints
- 5C: Delay treatment for age/size class diversity or exceptional site quality
- Unavailable
- 2G: Too wet (sensitive soils, does not include access issues)
- 3J: Water quality / BMPs (stream, river, or lake)
- Stand Boundaries
- Cold Water Streams
- Cold Water Lakes



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	133	211	158	236	92	45	29	0	0	0	0	0	0	0	0	0	0	903
Bog	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Herbaceous Openland	27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	27
Jack Pine	0	0	0	6	0	0	0	0	6	0	0	0	0	0	0	0	0	0	12
Low-Density Trees	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Lowland Aspen/Balsam Poplar	0	0	23	27	0	0	10	8	17	16	0	0	0	0	0	0	0	0	101
Lowland Conifers	0	0	0	0	0	0	0	0	0	11	0	0	0	0	0	0	0	7	18
Lowland Mixed Forest	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	10
Lowland Shrub	46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	45
Marsh	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22
Mixed Upland Deciduous	0	0	0	0	0	0	0	0	0	0	19	0	0	0	0	0	0	42	61
Natural Mixed Pines	0	0	0	0	0	0	0	0	0	0	8	0	0	0	0	0	0	0	8
Northern Hardwood	0	0	0	0	0	0	0	0	8	0	0	0	0	0	0	0	0	17	25
Oak	0	0	0	0	0	0	0	0	0	13	76	0	0	0	0	0	0	32	121
Red Pine	0	0	0	0	0	0	0	76	0	16	0	0	0	0	0	0	0	0	92
Treed Bog	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
Upland Mixed Forest	0	0	0	0	0	0	0	0	0	17	0	0	0	0	0	0	0	0	17
Urban	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12
Water	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19
Total	139	133	234	191	236	92	55	113	31	73	103	0	0	0	0	0	0	108	1506



Report 2 – Treatment Summary

Cadillac Mgt. Unit

Year of Entry: 2024

Acres of Harvest

Compartment 105

Total Compartment Acres: 1,507

Commercial Harvest - 284
 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	105	0	0	0	0	0	0	0	0	105
Jack Pine	6	0	0	0	0	0	0	0	0	6
Mixed Upland Deciduous	64	0	0	0	0	0	0	0	0	64
Oak	76	0	0	0	0	0	0	0	0	76
Red Pine	16	0	0	0	0	0	0	0	0	16
Upland Mixed Forest	17	0	0	0	0	0	0	0	0	17
Total	284	0	0	0	0	0	0	0	0	284

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	284	0	0	0	0	0	0	0	0	284
Next Step	0	0	0	0	0	0	284	0	0	284
Total	284	0	0	0	0	0	284	0	0	567



Stand Name	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat
											Cut

Approved Treatments:

41	63105041-Cut	45.0	4199 - Other Mixed Upland Deciduous	Sawtimber Well	90	141-170	Harvest	Clearcut with Retention	4319 - Mixed Upland Forest	Even-Aged	No
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Prescription Clear cut with retention. Leave patch retention. Leave any white pine. Buffer wet areas and any cedar patches.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Any mix of aspen, maple, balsam fir, pine, cedar, cherry, hemlock, or birch.

Regen:

Other

Comment:

Site Condition

Proposed Start Date: 10/1 /2023

47	63105047-Cut	8.1	4130 - Aspen	Poletimber Well	52	141-170	Harvest	Clearcut with Retention	4139 - Aspen, Mixed Deciduous	Even-Aged	No
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Prescription Clear cut with patch retention. Consider leaving all white pine.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Any mix of aspen, maple, balsam fir, pine, cedar, cherry, hemlock, or birch.

Regen:

Other

Comment:

Site Condition

Proposed Start Date: 10/1 /2023

50	63105050-Cut	28.5	4130 - Aspen	Poletimber Well	65	141-170	Harvest	Clearcut with Retention	4139 - Aspen, Mixed Deciduous	Even-Aged	No
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Prescription Clear cut with patch retention. Leave any white pine and a few scattered oak. Buffer wetland.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Any mix of aspen, maple, balsam fir, pine, cedar, cherry, hemlock, or birch.

Regen:

Other

Comment:

Site Condition

Proposed Start Date: 10/1 /2023



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
61 63105061-Cut	5.5	42220 - Natural Jack Pine	Poletimber Well	75	111-140	Harvest	Clearcut	4222 - Natural Jack Pine	Even-Aged	No
<p><u>Prescription</u> Clear cut with no retention. Avoid areas that are too wet. <u>Specs:</u> Treatments will be prepared according to actual on the ground conditions and acres may vary from prescribed. <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Any mix of aspen, maple, oak, white pine, red pine, jack pine, balsam fir, hemlock, or cedar. <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition</u> <u>Proposed Start Date:</u> 10/1 /2023</p>										
63 63105063-Cut	36.5	4130 - Aspen	Sawtimber Well	57	141-170	Harvest	Clearcut with Retention	4139 - Aspen, Mixed Deciduous	Even-Aged	No
<p><u>Prescription</u> Clear cut with patch retention. Leave any large White pine. <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Any mix of aspen, maple, balsam fir, pine, cedar, cherry, hemlock, or birch. <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition</u> <u>Proposed Start Date:</u> 10/1 /2023</p>										
65 63105065-Cut	11.2	4130 - Aspen	Poletimber Well	47	141-170	Harvest	Clearcut with Retention	4139 - Aspen, Mixed Deciduous	Even-Aged	No
<p><u>Prescription</u> Clear cut with retention patches. Leave island part of stand on far west end as retention. Leave White Pine and some scattered Red Pine. <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Any mix of aspen, maple, balsam fir, pine, cedar, cherry, hemlock, or birch. <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition</u> <u>Proposed Start Date:</u> 10/1 /2023</p>										
75 63105075-Cut	16.1	42110 - Planted Red Pine	Sawtimber Medium	80	141-170	Harvest	Clearcut	4131 - Aspen, Oak	Even-Aged	No
<p><u>Prescription</u> Clearcut all trees down to 2" dia.and let convert to aspen/ok type. <u>Specs:</u> Treatments will be prepared according to actual on the ground conditions and acres may vary from prescribed. <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Any mix of aspen, maple, oak, white pine, red pine, jack pine, balsam fir, hemlock, or cedar. <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition</u> <u>Proposed Start Date:</u> 10/1 /2023</p>										



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
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81	63105081-Cutx	16.8	4310 - Pine, Oak Mix	Sawtimber Medium	80	81-110	Harvest	Clearcut with Retention	4319 - Mixed Upland Forest	Even-Aged	No
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Prescription Clear cut with 3-5% left as retention patches. Also, select some scattered large RP as retention. Treatments will be prepared according to actual on the ground conditions and acres may vary from prescribed.

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

Acceptable Any mix of aspen, maple, oak, white pine, red pine, jack pine, balsam fir, hemlock, or cedar.
Regen:

Other
Comment:

Site Condition

Proposed Start Date: 10/1 /2023

88	63105088-Cut	35.7	4126 - White, Black, N. Pin Oak	Sawtimber Well	90	81-110	Harvest	Clearcut with Retention	4131 - Aspen, Oak	Even-Aged	No
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Prescription Clear cut with pocket retention.
Specs:

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

Acceptable Any mix of oak, aspen, maple, balsam fir, pine, cedar, cherry, hemlock, or birch.
Regen:

Other
Comment:

Site Condition

Proposed Start Date: 10/1 /2023

93	63105093-Cutx	40.4	4126 - White, Black, N. Pin Oak	Sawtimber Well	92	81-110	Harvest	Clearcut with Retention	4121 - Oak, Aspen	Even-Aged	No
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Prescription Clear cut with retention patches. Leave a low ba residual of better quality oak. Leave any large white pine.
Specs:

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

Acceptable Any mix of oak, aspen, maple, balsam fir, pine, cedar, cherry, hemlock, or birch.
Regen:

Other
Comment:

Site Condition

Proposed Start Date: 10/1 /2023

102	63105102-Cut	18.8	4199 - Other Mixed Upland Deciduous	Sawtimber Well	92	51-80	Harvest	Clearcut with Retention	4131 - Aspen, Oak	Even-Aged	No
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Prescription Clear cut with retention patches. Leave a low ba residual of better quality oak.
Specs:

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

Acceptable Any mix of oak, aspen, maple, balsam fir, pine, cedar, cherry, hemlock, or birch.
Regen:

Other
Comment:

Site Condition

Proposed Start Date: 10/1 /2023



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
105 63105105-Cut	20.9	4130 - Aspen	Sapling Well	1	Immature	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
<p><u>Prescription</u> Cut merchantable blow down and remainder of standing trees in stand. Leave all oak (very few seen during cruise).</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> Any mix of aspen, maple, birch, cherry, pine, hemlock, balsam, spruce, or cedar.</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> 9/10/2020</p>										

Total Treatment Acreage Proposed: 283.5

Report 4 – Site Conditions

Cadillac Mgt. Unit
Matt Edison : Examiner

Compartment: 105
Year of Entry: 2024

Availability for Management

Total Acres	Acres Available	Acres Avail		Dominant Site Conditions	Dominant Site Conditions		
		With Condition	Not Available		5C	2G	3J
904	890	14	0	Aspen	14	0	
3	3	0	0	Bog			
27	27	0	0	Herbaceous Openland			
12	12	0	0	Jack Pine			
2	2	0	0	Low-Density Trees			
102	71	0	31	Lowland Aspen/Balsam Poplar		19	12
18	11	0	7	Lowland Conifers		7	
10	10	0	0	Lowland Mixed Forest			
46	46	0	0	Lowland Shrub			
22	22	0	0	Marsh			
60	60	0	0	Mixed Upland Deciduous			
8	8	0	0	Natural Mixed Pines			
26	26	0	0	Northern Hardwood			
121	108	13	0	Oak	13		
91	91	0	0	Red Pine			
8	8	0	0	Treed Bog			
17	17	0	0	Upland Mixed Forest			
12	12	0	0	Urban		0	
19	19	0	0	Water			
1,507	1,443	27	37	Total Forested Acres	27	25	12
	96%	2%	2%	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 Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
1	Available		5C: Delay treatment for age/size class diversity or exceptional site quality	14	Unspecified	Unspecified	Unspecified	Unspecified
<p>Comments:</p>								

Report 4 – Site Conditions

Cadillac Mgt. Unit
Matt Edison : Examiner

Compartment: 105
Year of Entry: 2024

2	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	13	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
3	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	12	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
5	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
7	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	10	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
9	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	8	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 Lake	A coldwater lake has temperature and dissolved oxygen conditions that allow naturally-reproduced or stocked trout populations and those of other coldwater fish species to persist from year to year. Suitable conditions for coldwater fishes may occur in Michigan lakes if they are relatively deep, have substantial groundwater inflows, or are located in colder (northern) areas of the state. Such lakes are established by Director's action and designated as trout resources by Fisheries Order 200.
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	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																												
1	4130 - Aspen	Poletimber Well	2.9	41	141-170	N/A	Stand is relatively smaller diameter in comparison to the other large Aspen stands in the compartment. Hold for 10 more years.																												
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2	6225 - Bog	Nonstocked	2.8			No	Leather leaf bog. with scattered pole tamarack.																												
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3	4130 - Aspen	Poletimber Well	1.1	39	111-140	N/A																													
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4	42110 - Planted Red Pine	Sawtimber Well	19.2	66	81-110	N/A	Stand was thinned as part of #63-051-04 Dixie Pine and again #63-025-14 Cow Line Pine and Hdwd. Good amount of maple/mix understory. Hold for understory to advance and regenerate/convert?																												
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5	622 - Lowland Shrub	Nonstocked	1.9			No	seasonally wet vernal pond.																												
6	4130 - Aspen	Sapling Well	3.2	26	Immature	N/A																													
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Red Maple	10	Sapling	3																																
7	4110 - Sugar Maple Association	Sawtimber Well	8.3	78	51-80	N/A	Thinned in 2014 as part of #63-025-14 Cow Line Pine & Hdwd. Some regen. in spots. Deer browse evident. Heavy to raspberry in spots.																												
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8	6128 - Lowland Coniferous, Mixed Deciduous	Sawtimber Well	4.3	81	111-140	N/A	Hemlock stand. Nice stand.																												
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																			
10	4112 - Maple, Beech, Cherry Association	Sawtimber Well	17.2	90	81-110	N/A	Thinned in 1995. Mostly smaller diameter red maple clumps. Some aspen in southern part. Overall poor quality. Hold for 10 years and Clearcut.																																			
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12	4130 - Aspen	Poletimber Well	24.1	38	81-110	N/A	Mix of aspen regen. and por quality oak. Low land spot in stand.																																			
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13	500 - Water	Nonstocked	18.8			No	beaver flooding																																			
14	622 - Lowland Shrub	Nonstocked	9.9			No	Cattail swamp (with elm and alder).																																			
15	6112 - Lowland Aspen	Sapling Well	27.3	26	111-140	N/A	Old Farmers Aspen Sale in 1996. Wet with limited access for future management.																																			
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16	3104 - Degraded	Nonstocked	2.7			No	opening with areas of barren sand.																																			
17	6112 - Lowland Aspen	Poletimber Well	4.9	84	Unspecified	N/A	Low and wet. No good access.																																			
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Bigtooth Aspen	60	Pole	8	84																																						
18	4130 - Aspen	Sapling Well	31.3	6	Immature	N/A	Good looking young aspen regen. Stand was final harvested in 2016. Some green ringed trees were left.																																			
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																		
19	622 - Lowland Shrub	Nonstocked	4.6		Unspecified	No																																																			
20	122 - Road/Parking Lot	Nonstocked	3.7			No	Young Road, stony corners rd, paved.																																																		
21	6224 - Treed Bog	Nonstocked	8.2			No	Like St. 19 but less water, more grass. Still a treed bog.																																																		
22	6112 - Lowland Aspen	Sawtimber Medium	4.7	73	141-170	N/A	habitat cut less than 5 acres. Too wet for harvest.																																																		
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24	6112 - Lowland Aspen	Poletimber Well	11.9	70	81-110	N/A	Portion not cut with adjacent aspen sale. Left as drainage buffer.																																																		
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26	4130 - Aspen	Sapling Medium	22.8	26	Immature	N/A	Has a cedar inclusion at edge of this clear cut. Aspen regen patchy in spots.																																																		
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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27 6112 - Lowland Aspen Poletimber Well 10.4 50 111-140 N/A Smaller, poorer quality aspen. Wet ground.

Canopy Species	% Cover	Size Class	DBH	Age
Bigtooth Aspen	50	Sapling	4	50
Balsam Fir	40	Pole	6	50
Red Maple	10	Sapling	3	

28 623 - Emergent Wetland Nonstocked 22.2 Unspecified No

29 622 - Lowland Shrub Nonstocked 4.5 No

30 4130 - Aspen Sapling Well 26.7 40 111-140 N/A

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	15	Pole/Sapling	5	
Balsam Fir	15	Pole	6	
Bigtooth Aspen	70	Pole/Sapling	6	40

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	Low	< 5 feet	Sapling

31 6112 - Lowland Aspen Sapling Medium 23.1 18 Immature N/A Lowland aspen regeneration with mix of balsam, maple and white pine. Cut as part of #63-047-04 Merritt Stone Aspen.

Canopy Species	% Cover	Size Class	DBH	Age
Bigtooth Aspen	80	Sapling	2	18
White Pine	2	Sapling	1	18
Balsam Fir	3	Sapling	1	18
Red Maple	15	Sapling	1	18

32 6128 - Lowland Coniferous, Mixed Deciduous Poletimber Medium 6.7 84 Unspecified N/A Very wet, lowland - flowing.

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	15	Pole/Log	7	
Northern White Cedar	40	Pole	6	84
White Pine	15	Log/Pole	11	
Balsam Poplar	20	Pole	5	48
Balsam Fir	10	Sapling	4	

Sub-Canopy Species	Density	Avg. Height	Size
Tag Alder	Low	5 - 10 feet	Tall Shrub

33 6131 - Hemlock, White Pine, Maple, Birch Sawtimber Medium 10.2 127 51-80 N/A Wet!

Canopy Species	% Cover	Size Class	DBH	Age
Northern White Cedar	10	Pole	6	
Hemlock	40	Pole	6	127
Red Maple	15	Log	40	
Paper Birch	5	Log	16	
Bigtooth Aspen	30	Log	18	

Sub-Canopy Species	Density	Avg. Height	Size
Hemlock	High	>20 feet	Pole
Balsam Fir	Medium	5 - 10 feet	Sapling



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																															
34	4130 - Aspen	Sapling Well	22.1	7	Immature	N/A	Aspen regen with scattered oak left behind. Cut as part of #63-043-14 Aspen Pipe.																																															
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35	3105 - Mixed Upland Herbaceous	Nonstocked	20.3			Managed Opening	Pipeline with some low spots/ponds.																																															
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36	622 - Lowland Shrub	Nonstocked	1.1			No	Wet bog area with fir and cedar scattered. Mostly dead swamp trees with varied brush.																																															
37	6112 - Lowland Aspen	Sawtimber Well	5.1	85	111-140	N/A	Wet																																															
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38	4130 - Aspen	Sapling Well	11.4	18	Immature	N/A	Aspen regeneration. Cut as part of #63-047-04 Merritt Stone Aspen.																																															
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41	4199 - Other Mixed Upland Deciduous	Sawtimber Well	39.9	90	141-170	N/A	Aspen is falling apart. Diverse stand with a mix of species with a small wetland in the middle. Left last entry. Final harvest. Leave pocket retention and any white pine. Buffer wet areas and cedar pockets.																																															
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42	42110 - Planted Red Pine	Poletimber Well	18.3	65	111-140	N/A	Good looking red pine thinned in 2014 as part of #63-021-14 105 Long Pine. Some areas with maple understory, some with not much.																																															
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43	4130 - Aspen	Poletimber Well	11.7	38	111-140	N/A	A few super canopy white pine left from cut.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Paper Birch		5	Pole	5		Balsam Fir	
Northern White Cedar		5	Log	10		Density	
Bigtooth Aspen		65	Pole	6	38	Avg. Height	
White Pine		5	XLog	18		Size	
Red Maple		20	Pole	6		10 - 20 feet	
						Sapling	

44	6129 - Mixed Coniferous Lowland Forest	Sawtimber Well	7.0	104	Unspecified	N/A	White pine is super canopy, cedar and hemlock stumps present. Wet
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Red Maple		5	Pole	6		Northern White Cedar	
Northern White Cedar		5	Pole	6		Density	
White Pine		5	XLog	18		Avg. Height	
Hemlock		80	Pole/Log	10	104	Size	
Paper Birch		5	Pole	6		5 - 10 feet	
						Sapling	

45	4130 - Aspen	Sapling Well	8.6	38	Unspecified	N/A	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Red Maple		5	Sapling	3		Balsam Fir	
Northern White Cedar		5	Pole	8		Density	
Bigtooth Aspen		80	Sapling	3	38	Avg. Height	
White Pine		10	Log	12		Size	
						< 5 feet	
						Sapling	

46	6220 - Alder/willow	Nonstocked	1.9		Unspecified	No	
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47	4130 - Aspen	Poletimber Well	8.1	52	141-170	N/A	Previous inventory suggested holding for 1 more YOY. Large aspen with oak and red maple. Final harvest, leave retention and white pine.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Bigtooth Aspen		65	Pole	8	52	Red Maple	
Black/Red (Hybrid) Oak		10	Log	10		Density	
White Pine		5	Log	12		Avg. Height	
Red Pine		5	XLog	18		Size	
Paper Birch		5	Pole/Sapling	5		5 - 10 feet	
Red Maple		5	Pole	7		Sapling	
White Oak		5	Pole	7			

48	4130 - Aspen	Sapling Well	16.0	26	Immature	N/A	Good looking Aspen regen. About to cross into pole class
Canopy Species		% Cover	Size Class	DBH	Age		
Northern White Cedar		5	Pole	8			
Red Maple		20	Sapling	3			
Bigtooth Aspen		75	Sapling	4	25		



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																				
49	4199 - Other Mixed Upland Deciduous	Sawtimber Well	1.6	86	51-80	N/A	Transition stand on south end of St. 47. Wet.																																																				
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50	4130 - Aspen	Poletimber Well	28.5	65	141-170	N/A	Diameters vary more oak on west side, pine to the north. Hold potential when considering surrounding treatments! Final Harvest. Leave any white pine. Buffer wetland in north.																																																				
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52	6112 - Lowland Aspen	Poletimber Well	8.3	60	1-50	N/A	Wet.																																																				
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53	3301 - Low Density Deciduous Trees	Nonstocked	1.5		Unspecified	No																																																					
54	6223 - Inundated Shrub Swamp	Nonstocked	14.2			No	V type bog, leather leaf and cattails. Islands with trees on them.																																																				
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																										
55	6229 - Mixed lowland shrub	Nonstocked	5.1			No																																											
56	42110 - Planted Red Pine	Sawtimber Well	17.1	66	81-110	N/A	Good looking red pine thinned in 2014 as part of #63-021-14 105 Long Pine.																																										
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57	6220 - Alder/willow	Nonstocked	2.7			No	Wet L type.																																										
58	4130 - Aspen	Sapling Well	36.9	6	Immature	N/A	Aspen regen with scattered oak and pine residual. Cut as part of #63-006-14 105 Aspen. Retention pocket left.																																										
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60	122 - Road/Parking Lot	Nonstocked	8.4			No	S. Long Rd., paved.																																										
61	42220 - Natural Jack Pine	Poletimber Well	5.5	75	111-140	N/A	Mature jack pine that won't last much longer. Includes small wet area through the middle of the stand. Harvest what we can around wet areas.																																										
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62	3101 - Poverty Grass, Cladonia	Nonstocked	0.5			No	Old landing area and hunting camp,																																										
63	4130 - Aspen	Sawtimber Well	36.5	57	141-170	N/A																																											
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64	4130 - Aspen	Sapling Well	31.8	38	Unspecified	N/A	Thinned with Sale #63-025-04. BA swings prior to thinning: 190, 190, 180 sq. ft./A.																																																						
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65	4130 - Aspen	Poletimber Well	11.2	47	141-170	N/A	Harvest Aspen and Jack pine. Leave white pine and isolated red pine on western end.																																																						
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66	3101 - Poverty Grass, Cladonia	Nonstocked	3.8			No	Open G type - part was used for landing when pine was thinned.																																																						
67	4130 - Aspen	Sapling Well	12.0	17	Immature	N/A	Aspen regeneration. Some residual oak left. Cut as part of #63-012-04 X it Aspen																																																						
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68	4123 - Red Oak	Sawtimber Medium	27.9	93	51-80	N/A	Stand was cut in 1996 per previous inventory. Aspen understory with little oak regen.																																																						
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69	4130 - Aspen	Poletimber Well	18.6	38	111-140	N/A	Good looking aspen. Continue monitoring for growth and condition.																																																						
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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70 4130 - Aspen Sapling Well 56.8 16 Immature N/A Aspen regeneration. Some residual oak left. Cut as part of #63-012-04 X it Aspen

Canopy Species	% Cover	Size Class	DBH	Age
White Oak	5	Pole/Log	9	
Red Maple	10	Sapling	2	
Red Oak	10	Log	10	
Bigtooth Aspen	75	Sapling	2	16

71 42220 - Natural Jack Pine Sapling Medium 6.4 27 Immature N/A Recent jack pine strip clear cut.

Canopy Species	% Cover	Size Class	DBH	Age
Bigtooth Aspen	5	Sapling	3	
Red Pine	10	Sapling	3	
Jack Pine	80	Sapling	3	27
Black Cherry	5	Sapling	4	

72 42110 - Planted Red Pine Sawtimber Well 10.9 66 81-110 N/A Thinned as part of #63-021-14. Basal area remains adequate and crowns are free. Check for final harvest next entry. Some trees that were blown down during wind storm during last entry cycle.

Canopy Species	% Cover	Size Class	DBH	Age
Red Pine	100	Log/Pole	11	66

-2014
Thinning completed with Sale #25-04. BA swings before thinning: 190, 190, 180 sq. ft./A. Year of origin 1956.

73 4130 - Aspen Poletimber Well 14.1 48 141-170 N/A Consider holding for age class considerations.

Canopy Species	% Cover	Size Class	DBH	Age
Bigtooth Aspen	65	Pole	8	48
Black/Red (Hybrid) Oak	5	Log	10	
Red Pine	10	Log	11	
White Pine	5	Pole	6	
Red Maple	10	Pole	8	
Paper Birch	5	Pole	7	

Sub-Canopy Species	Density	Avg. Height	Size
Bigtooth Aspen	Low	5 - 10 feet	Sapling
White Pine	Medium	5 - 10 feet	Sapling
Red Maple	Medium	10 - 20 feet	Sapling

74 4126 - White, Black, N. Pin Oak Sawtimber Well 13.3 84 81-110 N/A Mature Oak in pretty good shape. Not the biggest oak around. Leave this entry for age class considerations.

Canopy Species	% Cover	Size Class	DBH	Age
Black/Red (Hybrid) Oak	10	Pole	9	
White Oak	30	Log	10	
Bigtooth Aspen	20	Log	12	
Red Maple	10	Pole	8	
Red Oak	30	Log	12	84

Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	Low	5 - 10 feet	Sapling
Black/Red (Hybrid) Oak	Low	10 - 20 feet	Pole



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																							
75	42110 - Planted Red Pine	Sawtimber Medium	16.1	80	141-170	N/A	Plantation has been thinned twice. Some red pine seedlings in open spots. Heavy maple, oak, and cherry understory. Consider conversion. Lots of cultivation work for small acreage.																																							
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76	4130 - Aspen	Sapling Well	16.3	17	Immature	N/A	Aspen regen with smaller diameter scattered oak retention. Cut as part of #63-040-04 Long Stoney Aspen.																																							
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80	4130 - Aspen	Sapling Medium	36.8	40	1-50	N/A	Pine and mix left from previous cut. Very mixed regeneration.																																							
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments		
81	4310 - Pine, Oak Mix	Sawtimber Medium	16.8	80	81-110	N/A	Red pine overtopping aspen and red maple. Clear Cut with retention. Leave patch retention and some scattered red pine		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Pine		50	Log	14	80	Witch Hazel	Low	10 - 20 feet	Tall Shrub
Bigtooth Aspen		15	Log	10		Red Pine	Low	>20 feet	Pole
Red Oak		5	Log	10		Red Maple	Medium	10 - 20 feet	Sapling
Red Maple		10	Pole	6		Bigtooth Aspen	Medium	10 - 20 feet	Sapling
Black/Red (Hybrid) Oak		20	Pole	9		Black/Red (Hybrid) Oak	Medium	10 - 20 feet	Pole
82	4130 - Aspen	Sapling Well	42.6	28	Immature	N/A	Old Possum Run Sale cut 94-95. Scattered overstory oaks. About an acre of mature aspe was left uncut SW corner of stand. Good diversity to leave.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple		20	Sapling	2		Sweet Fern	Low	< 5 feet	Tall Shrub
Bigtooth Aspen		80	Sapling	2	28				
83	4131 - Aspen, Oak	Sapling Well	15.4	16	Immature	N/A	Aspen regen. with some residual oak and pine. Cut as part of 63-032-04 Doyle Voice Aspen. -2014 Year of origin 2006. Cut all but oak and pine. Uncut areas merged into adjacent stands.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Oak		10	Log	10		Black Cherry	Low	5 - 10 feet	Sapling
Red Maple		10	Sapling	2		Witch Hazel	Low	5 - 10 feet	Tall Shrub
Black/Red (Hybrid) Oak		20	Pole/Log	9					
Bigtooth Aspen		60	Sapling	2	16				
84	42260 - Natural Pine, Mixed Deciduous	Sawtimber Well	8.0	90	81-110	N/A			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Bigtooth Aspen		25	Log	10		Witch Hazel	Low	5 - 10 feet	Tall Shrub
Red Oak		5	Log	12		Black Cherry	Low	Variable	Sapling
Red Pine		20	Log	12		Red Maple	Low	Variable	Sapling
Black/Red (Hybrid) Oak		5	Pole/Log	9		White Pine	Low	Variable	Sapling
Red Maple		5	Pole	6					
White Pine		40	Log	12	90				
86	4131 - Aspen, Oak	Sapling Well	35.8	16	Immature	N/A	Aspen regen with some scattered oak and pine residual. Cut as part of 63-032-04 Doyle Voice Aspen.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Oak		20	Log	12		Witch Hazel	Low	5 - 10 feet	Tall Shrub
Black/Red (Hybrid) Oak		10	Pole/Log	9		Cherry (spp.)	Low	< 5 feet	Sapling
Red Maple		10	Sapling	1					
Bigtooth Aspen		60	Sapling	1	16				
87	4130 - Aspen	Poletimber Well	34.8	38	81-110	N/A	Good looking aspen. Just crossing into pole size.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple		20	Pole	5		Witch Hazel	Low	5 - 10 feet	Tall Shrub
Bigtooth Aspen		80	Pole	5	38	Black Cherry	Low	5 - 10 feet	Sapling
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																		
88	4126 - White, Black, N. Pin Oak	Sawtimber Well	35.7	90	81-110	N/A	Has had oak salvage/firewood sales in spots. Large aspen in places. Harvest this entry.																																																		
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Bigtooth Aspen	80	Sapling/Pole	4	27																																																					
Black Cherry	5	Sapling	3																																																						
93	4126 - White, Black, N. Pin Oak	Sawtimber Well	40.4	92	81-110	N/A	Has had dead oak salvaged in spots. Poor quality overall. Restart with final harvest. Leave a few scattered large, better quality oak.																																																		
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
94	4130 - Aspen	Poletimber Well	25.2	38	111-140	N/A	Good looking Aspen regen, nearing pole sized.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Red Maple		30	Pole	5		Witch Hazel	
Bigtooth Aspen		70	Pole	5	38	Low	
						5 - 10 feet	
						Tall Shrub	
96	4131 - Aspen, Oak	Sapling Well	15.6	19	Immature	N/A	Aspen regeneration with mix of young oak and pine residual. Cut as part of 63-043-04 Firetower Aspen.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Red Oak		5	Sapling	4		Cherry (spp.)	
White Oak		10	Sapling	2		Low	
Bigtooth Aspen		60	Sapling	3	19	< 5 feet	
Black/Red (Hybrid) Oak		10	Sapling	2		Tall Shrub	
Red Pine		15	Log	10	71	Tall Shrub	
97	4130 - Aspen	Sapling Well	13.8	18	Immature	N/A	Aspen regen. cut as part of #63-010-04 Last Aspen
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Red Maple		10	Sapling	2		Witch Hazel	
Bigtooth Aspen		85	Sapling	2	18	Low	
Black Cherry		5	Sapling	2		5 - 10 feet	
						Tall Shrub	
98	4131 - Aspen, Oak	Sapling Well	29.9	18	Immature	N/A	Aspen regeneration with mix of maple, oak, and some pine as residual. Cut as part of #63-043-04 Firetower Aspen.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Red Maple		10	Sapling	3		Black Cherry	
White Oak		10	Log/Pole	10		Low	
Black/Red (Hybrid) Oak		5	Log/Pole	10		< 5 feet	
Red Oak		5	Log	10		Tall Shrub	
Bigtooth Aspen		70	Sapling	3	18		
						Seeding	
						-2014 Few scattered red pine left following sale too.	
99	4126 - White, Black, N. Pin Oak	Sawtimber Medium	3.7	92	51-80	N/A	Left as an island of oak retention. Check in 10 years.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
White Oak		40	Log	10	92	White Pine	
Red Maple		10	Pole	6		Low	
Black/Red (Hybrid) Oak		20	Pole/Log	9		Red Pine	
Red Oak		20	Log	10		Low	
White Pine		5	Pole/Log	8		10 - 20 feet	
Bigtooth Aspen		5	Pole/Log	9		Red Maple	
						Low	
						5 - 10 feet	
						Sapling	



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
100	4130 - Aspen	Poletimber Well	14.0	38	111-140	N/A	Aspen regen. borderline full pole sized.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Black/Red (Hybrid) Oak		10	Pole	5		Witch Hazel	
Bigtooth Aspen		70	Pole	5	38	Low	
Black Cherry		5	Pole	5		5 - 10 feet	
Red Maple		15	Pole	5		Tall Shrub	
101	4139 - Aspen, Mixed Deciduous	Poletimber Well	10.2	38	81-110	N/A	Transitioning into a full pole sized stand.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Red Maple		40	Sapling/Pole	4		Witch Hazel	
Black/Red (Hybrid) Oak		5	Pole	6		Medium	
Bigtooth Aspen		55	Pole/Sapling	5	38	5 - 10 feet	
						Tall Shrub	
102	4199 - Other Mixed Upland Deciduous	Sawtimber Well	18.8	92	51-80	N/A	Poor quality oaks with an aspen component aspen heavier to the north. Restart with adjacent stands. Leave a scattered residual of best quality, low ba oak.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Bigtooth Aspen		29	Pole/Log	9		Red Maple	
White Oak		31	Log/Pole	12	92	Low	
Black/Red (Hybrid) Oak		20	Log	10		< 5 feet	
Red Maple		20	Log	10		5 - 10 feet	
						Tall Shrub	
103	4130 - Aspen	Sapling Well	18.1	27	Immature	N/A	Aspen regen. with patchy areas of oak. cut as part of #63-023-94 Two Horse Aspen -2014 Stand is regenerating to aspen with a maple and oak component, Some scattered pole/log sized oak throughout.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Bigtooth Aspen		70	Sapling/Pole	4	27		
Black/Red (Hybrid) Oak		10	Sapling/Pole	4			
Black Cherry		5	Sapling	3			
Red Maple		15	Sapling/Pole	4			
104	4130 - Aspen	Sapling Well	15.9	20	Immature	N/A	Aspen regen with oak and pine as residual. Cut as part of #63-010-04 Last Aspen
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Red Maple		10	Sapling	2			
Red Pine		5	Log	12			
Red Oak		5	Log	13			
Bigtooth Aspen		75	Sapling	2	20		
Black Cherry		5	Sapling	1			
105	4130 - Aspen	Sapling Well	24.6	1	Immature	N/A	Stand was mostly blown down in storm from previous years. Was added to timber sale Recondite mix in 2020. Final harvested and salvaged in spring of 2021. Thick aspen regen at time of inventory in Nov. 2021. Some scattered oak left.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Red Oak		2	Pole	7			
Bigtooth Aspen		98	Sapling	1	1		