



Compartment Review Presentation

Cadillac Forest Management Unit

Compartment 63106

Entry Year 2026

Acreage: 1,524

County Missaukee

Management Area: Cadillac Moraines

Stand Examiner: Matt Edison

Legal Description:

T21N R6W, Sec. 12,13,24,25,36

Identified Planning Goals:

Vegetation management in the Cadillac Moraines Management Area (MA) will provide forest products; maintain or enhance wildlife habitat; protect areas of unique threatened, endangered and special concern species; and provide for forest-based recreational uses. Timber management for this 10-year period will focus on harvesting of older pine, oak, and aspen. Wildlife habitat management objectives include perpetuating early-successional communities for species adapted to young forests for hunting and other wildlife-related recreation. Expected trends within this 10-year planning period are the need to manage exotic species (especially Phragmites and glossy buckthorn), the need to continue to manage cover types for a balanced age-class distribution and an expected increase in recreation pressure.

Soil and topography:

Well drained sandy soil as well as rubicon, peats and mucks in bogs and low areas. Mostly level with some bogs.

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

Patchwork of state and private. Larger blocks of state land to the east and south. Recreational hunting and ORV use.

Unique Natural Features:

Potential for ebony boghaunter and secretive locust in bogs.

Archeological, Historical, and Cultural Features:

There are known concerns within the compartment. All proposed management activities have taken these concerns into consideration.

Special Management Designations or Considerations:

Timber harvest activities should buffer bogs and lowland wet areas. Concentrate on a mix of pine in the areas of oak mortality to re establish the pine/oak component.

Watershed and Fisheries Considerations:

Some seasonal run off areas but no creeks or rivers. Bog/marsh areas usually stay wet all year.

Wildlife Habitat Considerations:

This compartment is valuable wildlife habitat for many upland species, providing a good mix of timber types and mixed age classes. Management efforts should continue to support maintaining a variety of cover types and age class diversity both within and across stands. Given the potential for a number of species of concern, including bald eagle, secretive locust, and wood turtle, treatments should incorporate buffers for streams, lowlands and openings, and retention of large nesting trees near waterbodies. Generally, wildlife goals are to maintain lowland conifer and to promote oak and aspen. Creation of brush piles near lowlands, protection of mast bearing shrubs and provision of coarse woody debris are also desired. Featured species of special interest include woodcock, golden-winged warbler, snowshoe hare, pileated woodpecker, and deer. (E. Victory 7/18/14)

Mineral Resource and Development Concerns and/or Restrictions

No known potential exists for commercial metallic mineral production in this part of the state. The closest active sand/gravel operation is just over two miles northeast. There may be some potential for sand within the compartment, but wetlands may inhibit development, and the compartment might be too far from populated areas (markets) for any aggregate resources present to have much economic potential beyond use by the county road commission or DNR for road maintenance. There has been no recent oil & gas production, well permit activity, nor leasing activity involving State-owned oil & gas rights in the area. Potential for future oil & gas drilling within the compartment is considered low at this time. The south end of the compartment is within the Cranberry Lake gas storage field, and the storage rights (a surface right) in that part of the compartment are currently under lease. The field is utilizing a depleted Michigan Stray gas field for storage and storage operations are unlikely to expand. The State does not own all the mineral rights within the compartment. Because the mineral estate is the dominant estate, the surface owner must provide the owner of the mineral

rights reasonable access to the surface for mineral exploration and development.

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. Also indicated are forest roads and trails under the jurisdiction of the DNR that are proposed for abandonment. These roads were determined to be in excess of the access needs in the area, are a threat to the resources, or are a concern environmentally.

Survey Needs:

None at this time.

Recreational Facilities and Opportunities:

There are no developed recreational facilities within this compartment. There are numerous opportunities for dispersed camping and hunting. (T.M.N. 3/14)

Fire Protection:

Due to the jack pine within the compartment the potential for a larger fire is increased. Most of the compartment has good access with the exception of the bog areas. There is urban interface potential with the private ownerships. BET5-14

Additional Compartment Information:

The following reports from the Inventory are attached:

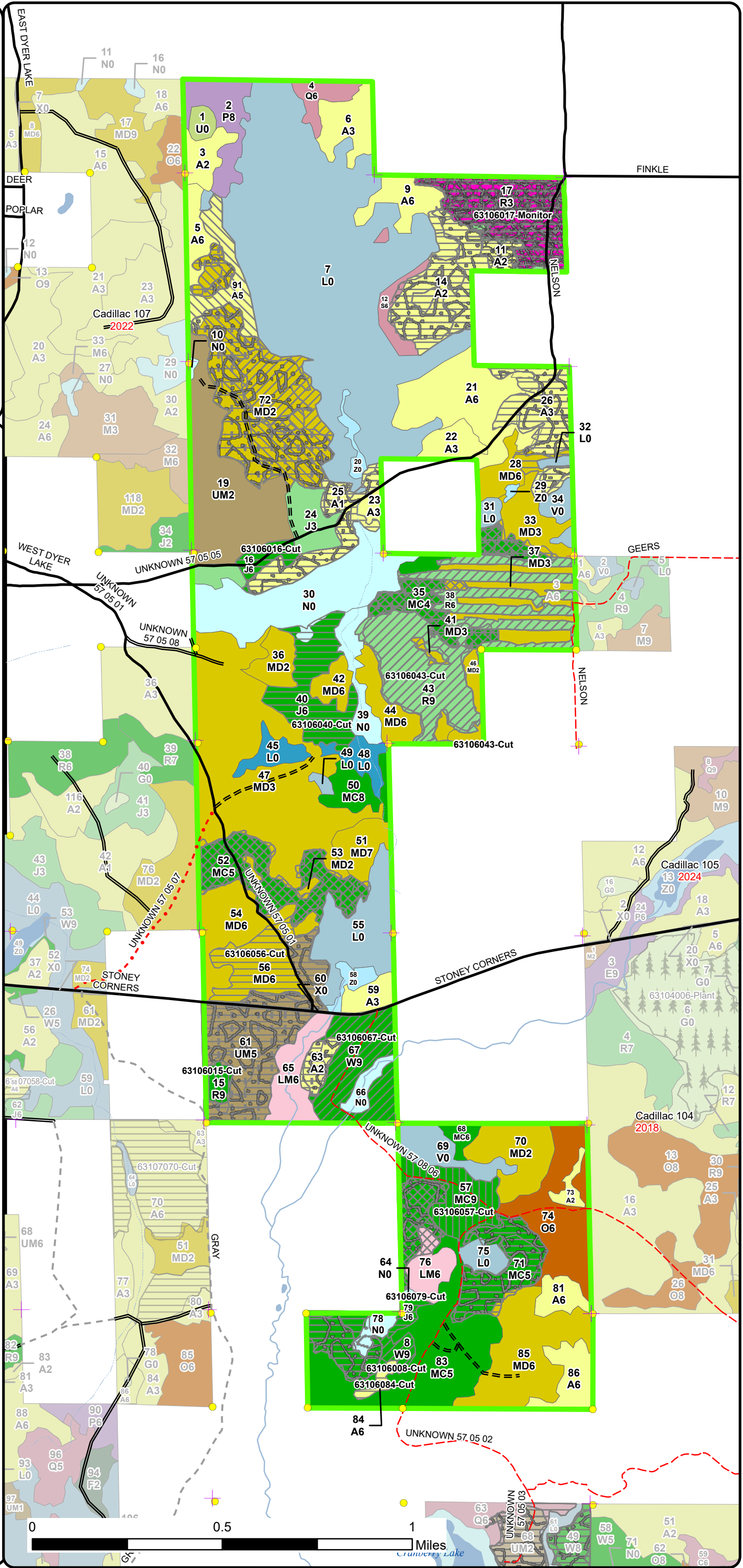
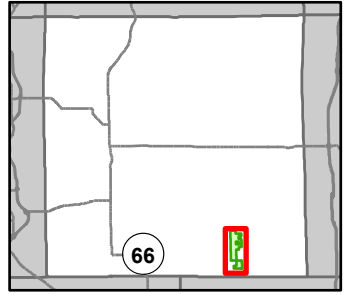
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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

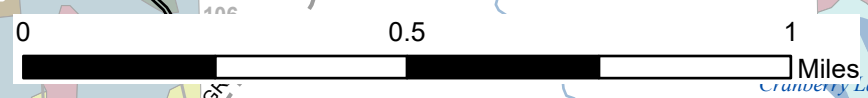
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

Cover Type & Treatments Map

Compartment: 63106
 T21N, R06W, Sec. 12, 13, 24,
 25, 36
 County: Missaukee
 Unit: Cadillac
 Mgmt Area: Cadillac Moraines
 YOE: 2026
 Acres: 1523.8 GIS Calculated
 Examiner: Matt Edison
 Map Revised: 7/18/2024
 Map Phase: Web Post

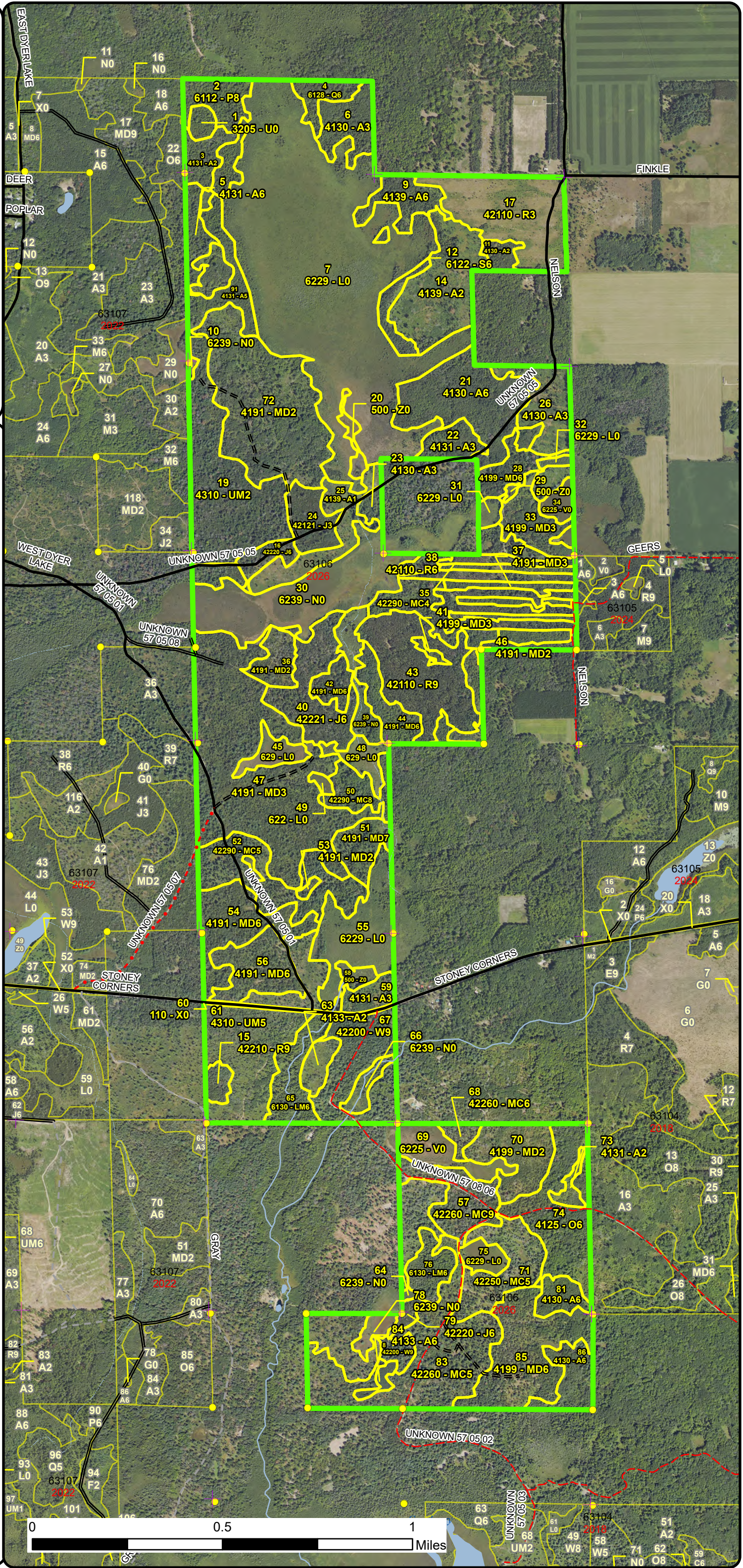
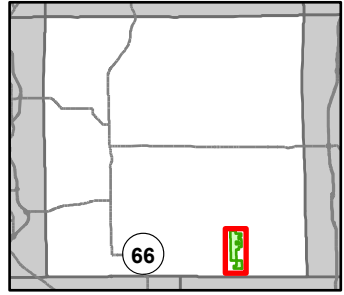


- ✚ Remonumented Section Corners
- Survey Grade Corners
- DNR - Secondary Forest Road
- == DNR - Forest Access Route
- Federal / State / County - Paved Road
- - - County - Gravel Road
- - - County - Dirt Road (Seasonal)
- - - Private - Dirt / Gravel Road
- Lakes and Rivers
- Intermittent Stream
- Lake/Pond
- Perennial River
- Counties
- Compartment Boundary
- ▨ Clearcut (w/Reserves)
- ▨ Thinning (Crown, Low, Systematic)
- ▨ Shelter Wood (w/Reserves)
- ▨ Monitoring
- ▨ Clearcut (w/Reserves)
- ▨ Thinning (Crown, Low, Systematic)
- ▨ Selection (Group, Single Tree)
- ▨ Harvest, Overstory Removal
- ▨ Other Harvest - See Comments
- ▨ Planting (tree species)
- ▨ Regeneration Survey
- ▨ Site Prep
- ****INCORRECT ATTRIBUTES****
- 412 - Oak Types
- 413 - Aspen Types
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 422 - Natural Pines
- 430 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 110 - Low Intensity Urban
- 320 - Upland Shrub
- 500 - Water
- 622 - Lowland Shrub
- 623 - Emergent Wetland
- 629 - Mixed Non-forested Wetland

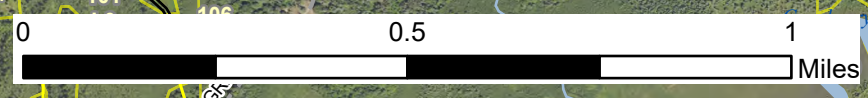


Stand Boundary Map

Compartment: 63106
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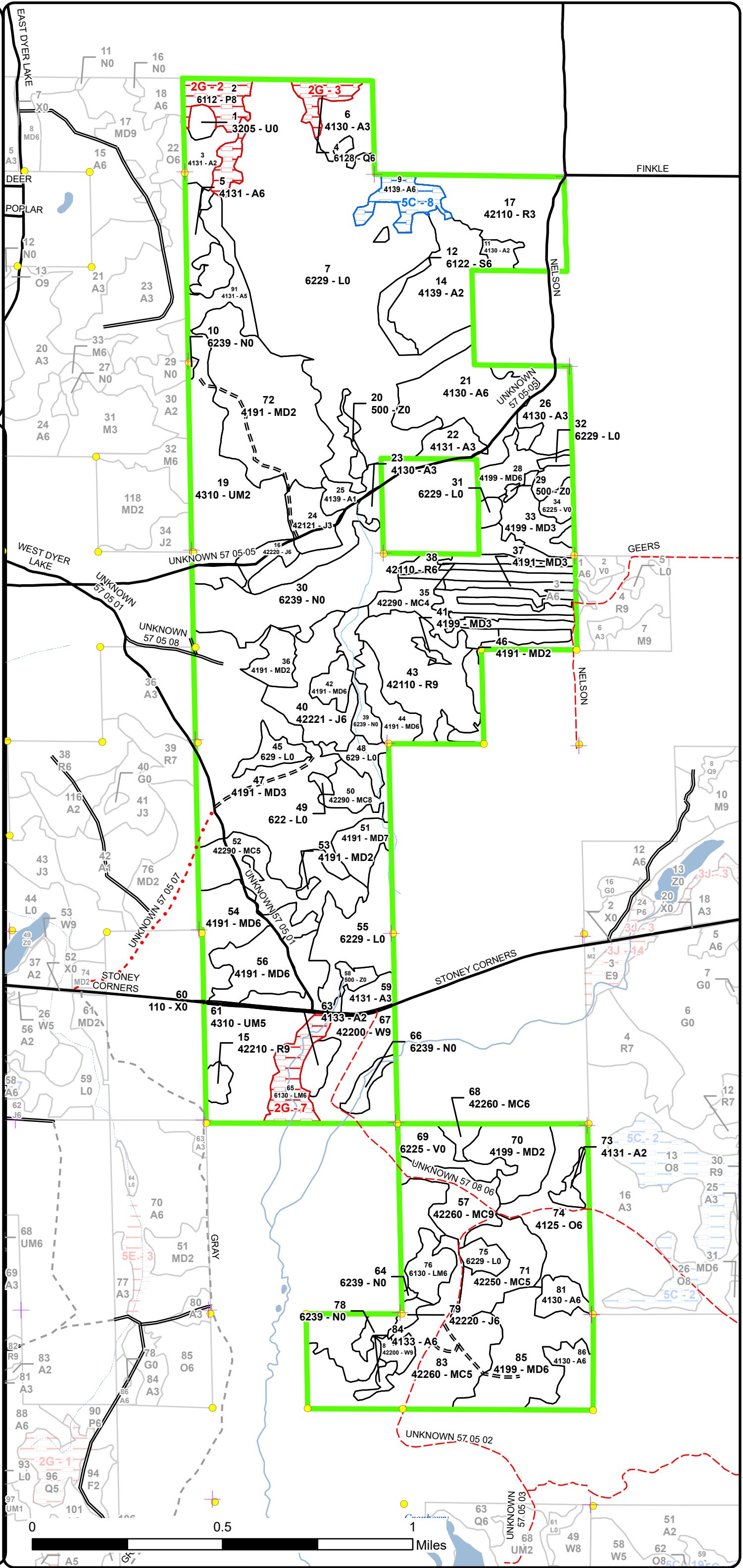
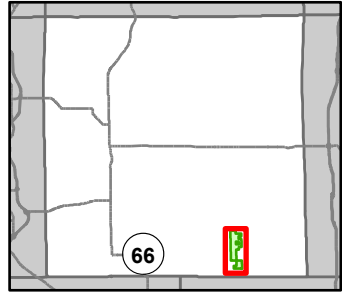


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- State Forests

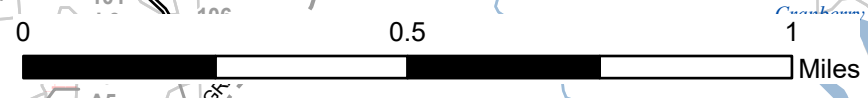


Special Conservation Areas & Site Conditions Map

Compartment: 63106
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 25, 36
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- Private - Dirt / Gravel Road
- Lakes and Rivers
- Intermittent Stream
- Lake/Pond
- Perennial River
- Counties
- Compartment Boundary
- Available w/ Constraints
- Unavailable
- 5C: Delay treatment for age/size class diversity or exceptional site
- 2G: Too wet (sensitive soils, does not include access issues)
- Available w/ Constraints
- Unavailable
- 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+	Unseen-Aged	Total
Aspen	0	81	22	33	62	0	12	0	0	0	0	0	0	0	0	0	0	14	224
Bog	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19
Jack Pine	0	0	16	0	3	0	32	0	0	0	0	0	0	0	0	0	0	0	51
Lowland Aspen/Balsam Poplar	0	0	0	0	0	0	0	17	0	0	0	0	0	0	0	0	0	0	17
Lowland Conifers	0	0	0	0	0	0	0	0	0	8	0	0	0	0	0	0	0	0	8
Lowland Mixed Forest	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26	26
Lowland Shrub	260	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	260
Lowland Spruce/Fir	0	0	0	0	0	0	0	7	0	0	0	0	0	0	0	0	0	0	7
Marsh	70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	70
Mixed Upland Deciduous	0	0	30	157	68	0	19	0	77	0	0	0	0	0	0	0	0	11	362
Natural Mixed Pines	0	0	55	0	0	0	27	48	0	11	0	0	0	0	0	0	0	50	189
Oak	0	0	0	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	33
Red Pine	0	40	0	0	0	0	0	72	4	0	0	0	0	0	0	0	0	0	116
Upland Mixed Forest	0	0	52	0	0	0	47	0	0	0	0	0	0	0	0	0	0	0	99
Upland Shrub	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Urban	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Water	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
White Pine	0	0	0	0	0	0	0	30	0	4	0	0	0	0	0	0	0	0	34
Total	364	121	175	223	133	0	137	174	81	15	8	0	0	0	0	0	0	101	1530



Report 2 – Treatment Summary

Cadillac Mgt. Unit

Compartment 106

Year of Entry: 2026

Acres of Harvest

Total Compartment Acres: 1,524

Commercial Harvest - 153
 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	3	0	0	0	0	0	0	0	0	3
Jack Pine	36	0	0	0	0	0	0	0	0	36
Mixed Upland Deciduous	19	0	0	0	0	0	0	0	0	19
Natural Mixed Pines	0	0	0	0	19	0	0	0	0	19
Red Pine	0	0	0	0	4	40	0	0	0	44
White Pine	0	0	0	0	0	34	0	0	0	34
Total	57	0	0	0	23	73	0	0	0	153

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	153	0	0	0	0	0	40	0	0	192
Next Step	0	0	0	0	0	0	79	0	0	79
Total	153	0	0	0	0	0	119	0	0	272



S t a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
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Proposed Treatments:

8	63106008-Cut	4.0	42200 - Natural White Pine	Sawtimber Well	80	111- 140	Harvest	Crown Thinning	4220 - Natural White Pine	Uneven- Aged	No
<p><u>Prescription</u> Lightly thin the white pine to release some of the pole to smaller log sized trees. Thin to approximately 70-100 basal area. <u>Specs:</u> <u>Next Step</u> <u>Treatments:</u> <u>Acceptable</u> Any mix of Oak, Aspen, Maple, Birch, Cherry, Beech, Pine, Hemlock, or Cedar <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition</u> <u>Proposed Start Date:</u> 10/1 /2025</p>											
15	63106015-Cut	4.0	42210 - Natural Red Pine	Sawtimber Well	77	111- 140	Harvest	Shelterwood	4319 - Mixed Upland Forest	Even-Aged	No
<p><u>Prescription</u> Final harvest planted trees down to a 2" diameter. let stand convert naturally, but leave 30-50 BA of RP seed trees <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Any mix of Oak, Aspen, Maple, Birch, Cherry, Beech, Pine, Hemlock, or Cedar <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition</u> <u>Proposed Start Date:</u> 10/1 /2025</p>											
16	63106016-Cut	6.0	42220 - Natural Jack Pine	Poetimber Well	51	111- 140	Harvest	Clearcut with Retention	429 - Mixed Upland Conifers	Even-Aged	No
<p><u>Prescription</u> Harvest all trees except for mark to leave no more than 6-8 oak or red/white pine. <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Preferably jack pine, but any mix of Oak, Aspen, Maple, Birch, Cherry, Beech, Pine, Hemlock, or Cedar <u>Regen:</u> <u>Other</u> Apply oak wilt spec. <u>Comment:</u> <u>Site Condition</u> <u>Proposed Start Date:</u> 10/1 /2025</p>											
17	63106017-Monitor	39.7	42110 - Planted Red Pine	Sapling Well	3	Immatur re	Monitoring	Herbicide Use	4211 - Planted Red Pine	Even-Aged	No
<p><u>Prescription</u> Monitor for Release spraying <u>Specs:</u> <u>Next Step</u> <u>Treatments:</u> <u>Acceptable</u> RP and volunteers <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition</u> <u>Proposed Start Date:</u> 10/1 /2024</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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40	63106040-Cut	26.9	42221 - Natural Jack Pine, Mixed Deciduous	Poletimber Well	52	141-170	Harvest	Clearcut with Retention	4222 - Natural Jack Pine	Even-Aged	No
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Prescription Final harvest all trees down to a 2" diameter. Leave some white oak if present and some large white pine if present. Retain 3-10% of area as per policy. Treatment Area may differ from original depending on actual ground conditions during prep.

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

Acceptable Regen: Primarily Jack Pine, but any mix of Oak, Aspen, Maple, Birch, Cherry, Beech, Pine, Hemlock, or Cedar

Other Comment:

Site Condition

Proposed Start Date: 10/1 /2025

43	63106043-Cut	39.7	42110 - Planted Red Pine	Sawtimber Well	67	111-140	Harvest	Low Thinning	4211 - Planted Red Pine	Even-Aged	No
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Prescription Lightly thin from below to manage canopy release and basal area. Target of 100-120 basal area.

Next Step
Treatments:

Acceptable Regen: RP

Other Comment:

Site Condition

Proposed Start Date: 10/1 /2025

56	63106056-Cut	18.7	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	55	81-110	Harvest	Clearcut with Retention	4319 - Mixed Upland Forest	Even-Aged	No
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Prescription Harvest all trees down to 2" DBH. Mark to leave no more than 10 BA of white oak and white pine.

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

Acceptable Regen: Any mix of Oak, Aspen, Maple, Birch, Spruce, Balsam, Cherry, Beech, Pine, Hemlock, or Cedar

Other Comment: Apply Oak wilt spec.

Site Condition

Proposed Start Date: 10/1 /2025

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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
57 63106057-Cut	18.6	42260 - Natural Pine, Mixed Deciduous	Sawtimber Well	75	81-110	Harvest	Shelterwood with Retention	4136 - Aspen, Mixed Conifer	Even-Aged	No
<u>Prescription</u> Harvest all trees down to 2" DBH. Leave all White Pine and Red Pine.										
<u>Specs:</u>										
<u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)										
<u>Treatments:</u>										
<u>Acceptable</u> Any mix of Oak, Aspen, Maple, Birch, Cherry, Beech, Pine, Hemlock, or Cedar										
<u>Regen:</u>										
<u>Other</u>										
<u>Comment:</u>										
<u>Site Condition</u>										
<u>Proposed Start Date:</u> 10/1 /2025										
67 63106067-Cut	29.6	42200 - Natural White Pine	Sawtimber Well	67	111-140	Harvest	Low Thinning	4220 - Natural White Pine	Uneven-Aged	No
<u>Prescription</u> Cut all trees except for White Pine and Red Pine and other green marked trees down to 60-80 BA.										
<u>Specs:</u>										
<u>Next Step</u>										
<u>Treatments:</u>										
<u>Acceptable</u> White pine regeneration present. Any mix of Oak, Aspen, Maple, Birch, Cherry, Beech, Pine, Hemlock, or Cedar										
<u>Regen:</u>										
<u>Other</u> Apply spec to protect as much white pine regeneration as possible.										
<u>Comment:</u> Apply oak wilt spec										
<u>Site Condition</u>										
<u>Proposed Start Date:</u> 10/1 /2025										
79 63106079-Cut	2.7	42220 - Natural Jack Pine	Poletimber Well	38	Unspecified	Harvest	Clearcut	4222 - Natural Jack Pine	Even-Aged	No
<u>Prescription</u> Clearcut with no retention due to small stand size. Cut all trees regardless of merchantability. Leave any White Pine.										
<u>Specs:</u>										
<u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)										
<u>Treatments:</u>										
<u>Acceptable</u> Any mix of Oak, Aspen, Maple, Birch, Cherry, Beech, Pine, Hemlock, or Cedar										
<u>Regen:</u>										
<u>Other</u>										
<u>Comment:</u>										
<u>Site Condition</u>										
<u>Proposed Start Date:</u> 10/1 /2025										
84 63106084-Cut	2.5	4133 - Aspen, Mixed Pine	Poletimber Well	35	141-170	Harvest	Clearcut	413 - Aspen	Even-Aged	No
<u>Prescription</u> Final harvest all deciduous trees down to a 2" diameter and any conifer down to 4" diameter. Leave any white oak and white pine.										
<u>Specs:</u>										
<u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)										
<u>Treatments:</u>										
<u>Acceptable</u> Any mix of Oak, Aspen, Maple, Birch, Cherry, Beech, Pine, Hemlock, or Cedar										
<u>Regen:</u>										
<u>Other</u>										
<u>Comment:</u>										
<u>Site Condition</u>										
<u>Proposed Start Date:</u> 10/1 /2025										



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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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Total Treatment
Acreage Proposed: 192.4

Report 4 – Site Conditions

Cadillac Mgt. Unit
Matt Edison : Examiner

Compartment: 106
Year of Entry: 2026

Availability for Management

Total Acres	Acres Available	Acres Avail		Dominant Site Conditions	5C	2G
		With Condition	Not Available			
222	210	12	0	Aspen	12	0
19	19	0	0	Bog		
51	51	0	0	Jack Pine		
17	0	0	17	Lowland Aspen/Balsam Poplar		17
7	0	0	7	Lowland Conifers		7
26	10	0	15	Lowland Mixed Forest		15
260	260	0	0	Lowland Shrub		0
7	7	0	0	Lowland Spruce/Fir		
70	70	0	0	Marsh		
361	361	0	0	Mixed Upland Deciduous		
190	190	0	0	Natural Mixed Pines		
33	33	0	0	Oak		
116	116	0	0	Red Pine		
98	98	0	0	Upland Mixed Forest		
3	3	0	0	Upland Shrub		
3	3	0	0	Urban		
8	8	0	0	Water		
34	34	0	0	White Pine		
1,525	1,473	12	40	Total Forested Acres	12	40
	97%	1%	3%	Relative Percent		

**Due to limitations in the current Site Conditions Analysis tool, all nonforested acres are considered available. Future development will enable analysis of nonforested types.*

Site No.	Dominant Site Cond Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
2	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	17	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Cadillac Mgt. Unit
 Matt Edison : Examiner

Compartment: 106
 Year of Entry: 2026

3	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	8	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
7	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	15	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
8	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	12	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Mgt. Unit

Compartment: #Type!

Year of Entry:



Report 5 – PROPOSED SPECIAL CONSERVATION AREA* (SCA) DETAILS

* This is a partial list of SCAs for this compartment. Not included are those areas identified under other Department initiatives (Natural Rivers, Deer Wintering Areas, etc.). Those will be identified in separate, future map and report products.

SCA Name	SCA Category	Detail Type	Recommendation	Acres
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Comments



Report 6 – EXISTING SPECIAL CONSERVATION AREA DETAILS

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

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

Conservation Area	Type	Description
SCA	Cold Water Stream	A coldwater stream has temperature and dissolved oxygen conditions that allow naturally-reproduced or stocked trout populations and those of other coldwater fish species (e.g., slimy sculpin) to persist from year to year. Coldwater streams in Michigan typically provide these conditions due to substantial contributions of groundwater to their stream flows. Such streams are established by Director's action and designated as trout resources by Fisheries Order 210.
HCVA	Designated Critical Habitat	Critical habitat areas are established via a consultative and cooperative process between the DNR and the U.S. Fish and Wildlife service for the recovery of threatened and endangered species, as governed by Part 365, Endangered Species Protection, of the Natural Resources and Environmental Protection Act, 1994 PA 451, and the Federal Endangered Species Act of 1973. This is an active program, with proposed species plans in various stages of review. As of now only two exist, Kirtland Warbler Habitat and Piping Plover Habitat.



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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1	3205 - Mixed Upland Shrub	Nonstocked	3.5		Immature	No	thick alder
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2	6112 - Lowland Aspen	Sawtimber Medium	16.9	60	51-80	N/A	Very wet mixed stand.
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black/Red (Hybrid) Oak	20	Pole	6		Red Maple	Low	5 - 10 feet	Sapling
Red Maple	30	Log/Pole	10		Witch Hazel	Full	5 - 10 feet	Tall Shrub
Bigtooth Aspen	50	Log/Pole/XLog	10	60	Alder	Full	5 - 10 feet	Tall Shrub

3	4131 - Aspen, Oak	Sapling Medium	8.5	25	Immature	N/A	Mixed regen.
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black/Red (Hybrid) Oak	20	Sapling	2		Red Maple	Low	< 5 feet	Sapling
Black Cherry	10	Sapling	2		Black Cherry	Low	< 5 feet	Sapling
Bigtooth Aspen	40	Pole/Sapling	4	25				
Red Maple	30	Sapling/Pole	3					

4	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Well	7.5	90	111-140	N/A	Low, wet mixed. Some cedar, Private Access. Good stand for age class in this compartment
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	20	Log/Pole	10		Red Maple	Low	5 - 10 feet	Sapling
Bigtooth Aspen	20	Pole/Log	10		Balsam Fir	Low	5 - 10 feet	Sapling
Balsam Fir	20	Pole/Sap/Log	6					
Northern White Cedar	40	Pole/Log	8	90				

5	4131 - Aspen, Oak	Poletimber Well	7.9	38	111-140	N/A	
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black/Red (Hybrid) Oak	20	Pole/Sapling	4		Red Maple	High	5 - 10 feet	Sapling
Red Pine	5	Log/Pole	10		Black Cherry	Low	5 - 10 feet	Sapling
White Pine	5	Log/Pole	10		Bigtooth Aspen	High	5 - 10 feet	Sapling
Bigtooth Aspen	40	Sapling/Pole	3	38				
Red Maple	30	Sapling/Pole	3					

6	4130 - Aspen	Sapling Well	13.8	24	Immature	N/A	Cut in 2000 came back well
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Bigtooth Aspen	70	Sapling/Pole	4	24	Red Maple	Low	< 5 feet	Sapling
Balsam Fir	10	Pole/Sapling	5		Bigtooth Aspen	Low	< 5 feet	Sapling
Red Maple	20	Sapling/Pole	3		Balsam Fir	Low	< 5 feet	Sapling

7	6229 - Mixed lowland shrub	Nonstocked	206.5			No	
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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8	42200 - Natural White Pine	Sawtimber Well	4.1	80	111-140	N/A	Patch of large white pine that was treated in past. Thin lightly with adjacent aspen and jack pine.
Canopy Species		% Cover	Size Class	DBH	Age		
White Pine		100	Log	13	80		

9	4139 - Aspen, Mixed Deciduous	Poletimber Well	11.6	50	81-110	N/A	Low quality mixed stand. Leave for age class at this time. Everything around this stand is young age class.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple		10	Pole	7		Bigtooth Aspen	Low	5 - 10 feet	Sapling
Bigtooth Aspen		40	Pole/Sapling	5	50	Black/Red (Hybrid) Oak	Low	< 5 feet	Sapling
Black Spruce		10	Pole	6		Black Cherry	Low	5 - 10 feet	Sapling
Black Cherry		30	Pole	5					
Black/Red (Hybrid) Oak		10	Pole	7					

10	6239 - Mixed Emergent Wetland	Nonstocked	0.7			No	leather leaf bog
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11	4130 - Aspen	Sapling Medium	4.2	16	Immature	N/A	
Canopy Species		% Cover	Size Class	DBH	Age		
White Pine		15	Sapling	2			
Bigtooth Aspen		75	Sapling	3	16		
Red Oak		10	Sapling	2			

12	6122 - Black Spruce	Poletimber Well	6.9	60		N/A	Good edge/cover stand. Leave forever.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Tamarack		20	Pole	6		Alder	Low	< 5 feet	Tall Shrub
Black Spruce		50	Pole/Log	8	60	Black Spruce	Low	< 5 feet	Sapling
Jack Pine		20	Pole/Log	6					
Bigtooth Aspen		5	Pole	6					
Red Maple		5	Pole	6					

14	4139 - Aspen, Mixed Deciduous	Sapling Medium	33.7	8	Immature	N/A	Treated with #63-006-16-01 West Modders Mix. Mixed stand.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black/Red (Hybrid) Oak		10	Pole	8		Witch Hazel	Low	5 - 10 feet	Tall Shrub
Bigtooth Aspen		55	Sapling	1	8	Red Maple	Low	5 - 10 feet	Sapling
White Pine		5	Pole	6					
Black Cherry		10	Pole	8					
Red Maple		10	Sapling	1	8				
Northern White Cedar		5	Pole/Log	8					
Red Pine		5	Pole	6	27				



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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15	42210 - Natural Red Pine	Sawtimber Well	4.0	77	111-140	N/A	Mature Red Pine. Final harvest/Seed Tree.
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Canopy Species	% Cover	Size Class	DBH	Age
Pin Oak (Southern)	5	Log	10	
White Pine	5	Log	10	
Red Pine	90	Log	13	77

Sub-Canopy Species	Density	Avg. Height	Size
Black Cherry	Low	5 - 10 feet	Sapling
White Pine	Low	5 - 10 feet	Sapling

16	42220 - Natural Jack Pine	Poletimber Well	6.0	51	111-140	N/A	Small mixed stand. Mature jack pine is starting to decline. Clearcut with reserves. Leave some Smaller oak. Leave some pole sized RP as well.
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Canopy Species	% Cover	Size Class	DBH	Age
Jack Pine	65	Pole	8	51
Black/Red (Hybrid) Oak	15	Log	12	
Red Pine	10	Log	12	
Black Cherry	10	Pole/Sapling	6	

Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	Medium	5 - 10 feet	Sapling
Northern Pin Oak	Low	5 - 10 feet	Sapling
Black Cherry	Low	5 - 10 feet	Sapling

17	42110 - Planted Red Pine	Sapling Well	39.7	3	Immature	N/A	Original cut was as #63-020-16 Moddersville Red 2024- Replant appears successful at time of inventory. No need for spraying at this time. 04/30/21- Stand was re-planted Has been clear cut with sale 63-020-16-01. Site was trenched in fall 2017. Planted to red pine 925 tree per acre on 5/14/2018. 10/15/2018- Regeneration survey results showed approximately 45% survival. Competition is not an issue on this day, but it will put the site under the 80% FTG status in 2 years. Propose to site prep spray FY 2019 accepting mortality in the current remaining seedlings. Create a second initial plant treatment for FY 2020. replanted 2021- gen survey fall 2021 shows fully stocked and FTG.
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Canopy Species	% Cover	Size Class	DBH	Age
Red Pine	90	Sapling	1	3
Jack Pine	10	Sapling	1	

19	4310 - Pine, Oak Mix	Sapling Medium	51.6	16	Immature	N/A	Dying jack pine scattered with some oak. heavy red and white pine regeneration.
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Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	5	Sapling	2	
Red Pine	40	Sapling	2	16
Jack Pine	5	Sapling	2	
Black Cherry	10	Sapling	2	
Black/Red (Hybrid) Oak	40	Sapling	2	

Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	Low	Variable	Sapling
Black Cherry	Low	Variable	Sapling

20	500 - Water	Nonstocked	3.4			No	
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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21 4130 - Aspen Poletimber Well 39.6 38 81-110 N/A Mixed aspen stand. Check in 10 years for harvest.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Bigtooth Aspen	65	Pole	6	38	Red Maple	Low	5 - 10 feet	Sapling
Black Cherry	10	Pole	6		Bigtooth Aspen	Low	5 - 10 feet	Sapling
Red Pine	5	Log	14		Northern Pin Oak	Low	< 5 feet	Sapling
Pin Oak (Southern)	10	Pole	6		Black Cherry	Low	5 - 10 feet	Sapling
Red Maple	10	Pole	6					

22 4131 - Aspen, Oak Sapling Well 8.2 17 Immature N/A Mixed regen from cut in 2007. Cut as #63-072-06 South Nelson Combo

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Quaking Aspen	50	Sapling	2	17	Quaking Aspen	Medium	< 5 feet	Sapling
Red Maple	10	Sapling	2		Red Maple	Medium	< 5 feet	Sapling
Black Cherry	20	Sapling	2		Black/Red (Hybrid) Oak	Medium	< 5 feet	Sapling
Black/Red (Hybrid) Oak	20	Sapling	2		Black Cherry	Medium	< 5 feet	Sapling

23 4130 - Aspen Sapling Well 2.9 17 Immature N/A Mixed regen from cut in 2007. Cut as #63-072-06 South Nelson Combo. Aspen mix. Scattered RP residual.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Pine	5	Log/Pole	10		White Pine	Low	< 5 feet	Sapling
Black Cherry	20	Sapling	2		Black Cherry	Low	< 5 feet	Sapling
Bigtooth Aspen	70	Sapling	2	17	Bigtooth Aspen	Low	< 5 feet	Sapling
Red Maple	5	Sapling	2					

24 42121 - Planted Jack Pine, Mixed Deciduous Sapling Well 16.3 16 Immature N/A Mixed regen from cut in 2007. Cut as #63-072-06 South Nelson Combo

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	10	Sapling	2		Black Cherry	Low	< 5 feet	Sapling
Black/Red (Hybrid) Oak	5	Sapling	3		Blueberry/Bilberry/Cranberry	High	Variable	Tall Shrub
Quaking Aspen	25	Sapling	2		Jack Pine	Low	Variable	Sapling
Jack Pine	60	Sapling	3	16	Red Maple	Low	< 5 feet	Sapling

25 4139 - Aspen, Mixed Deciduous Sapling Poor 19.0 8 Immature N/A Treated with #63-006-16-01 West Modders Mix. Mixed stand.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Bigtooth Aspen	40	Sapling	1	8	Red Maple	Medium	5 - 10 feet	Sapling
Black/Red (Hybrid) Oak	10	Pole	6		Black Cherry	Low	5 - 10 feet	Sapling
Red Maple	30	Sapling	1					
Black Cherry	20	Sapling/Pole	4					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																
26	4130 - Aspen	Sapling Well	21.7	8	Immature	N/A	Treated with sale 63-006-16-01. A3 with scattered mixed oak and a little cherry.																																																
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28	4199 - Other Mixed Upland Deciduous	Poletimber Well	9.6	37	81-110	N/A	Mixed deciduous of poor quality oak. Wait until aspen matures then harvest.																																																
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30	6239 - Mixed Emergent Wetland	Nonstocked	49.0			No	creek running through																																																
31	6229 - Mixed lowland shrub	Nonstocked	2.7			No																																																	
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33	4199 - Other Mixed Upland Deciduous	Sapling Well	13.6	17	Immature	N/A	Mixed regen from cut in 2007. Cut as #63-072-06 South Nelson Combo																																																
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35	42290 - Natural Mixed Pine	Poletimber Poor	23.0	56	51-80	N/A	Mixed regeneration.																																																
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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36 4191 - Mixed Upland Deciduous with Conifer Sapling Medium 8.8 17 Immature N/A Mixed regen from cut in 2007. Cut as #63-072-06 South Nelson Combo

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black/Red (Hybrid) Oak	20	Sapling	3		Jack Pine	Low	Variable	Sapling
Red Maple	20	Sapling	3		Black Cherry	Low	Variable	Sapling
Jack Pine	40	Sapling	3	17				
Black Cherry	20	Sapling	3					

37 4191 - Mixed Upland Deciduous with Conifer Sapling Well 19.3 24 Immature N/A Strips that we're clearcut between red pine strips some overstory residual scattered

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Jack Pine	10	Sapling/Pole	3		Black Cherry	Low	< 5 feet	Sapling
Pin Oak (Southern)	30	Sapling	3	24	Northern Pin Oak	Medium	< 5 feet	Sapling
Black Cherry	20	Sapling	3					
Red Pine	10	Sapling	3					
Red Maple	30	Sapling	3					

38 42110 - Planted Red Pine Poletimber Well 32.7 68 81-110 N/A Thinned last entry as part of #63-005-16-01 Clammy Pine Mix. Consider Final Harvest next entry.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Pine	100	Pole/Log	8	68	Red Maple	Low	5 - 10 feet	Sapling
					Black Cherry	Low	5 - 10 feet	Sapling
					Black/Red (Hybrid) Oak	Low	5 - 10 feet	Sapling

39 6239 - Mixed Emergent Wetland Nonstocked 10.4 No creek running through middle

40 42221 - Natural Jack Pine, Mixed Deciduous Poletimber Well 25.8 52 141-170 N/A Mature Jack Pine mixed with Oak/Cherry. Final Harvest with retention.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black Cherry	10	Pole/Sapling	6		Black Cherry	Low	< 5 feet	Sapling
Black/Red (Hybrid) Oak	20	Pole	7		Black/Red (Hybrid) Oak	Low	< 5 feet	Sapling
Jack Pine	70	Pole/Sap/Log	9	52	Jack Pine	Low	< 5 feet	Sapling

41 4199 - Other Mixed Upland Deciduous Sapling Well 1.4 20 Immature N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Pin Oak (Southern)	40	Sapling	3	20	Black Cherry	Low	< 5 feet	Sapling
Red Maple	30	Sapling	3		Northern Pin Oak	Low	< 5 feet	Sapling
Bigtooth Aspen	10	Sapling	3					
Black Cherry	10	Sapling	3					
Red Pine	10	Pole	6					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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42 4191 - Mixed Upland Deciduous with Conifer Poletimber Well 6.4 71 81-110 N/A Low quality oak mix. Final harvest. Leave for now.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	5	Pole	6		Northern Pin Oak	Low	< 5 feet	Sapling
Jack Pine	35	Pole	9	71	Black Cherry	Medium	5 - 10 feet	Sapling
Black/Red (Hybrid) Oak	30	Pole/Log	9	71				
Black Cherry	30	Pole/Log	8	55				

43 42110 - Planted Red Pine Sawtimber Well 39.7 67 111-140 N/A Thinned last entry as part of #63-005-16-01 Clammy Pine Mix. Previous thinning was light. Another light thinning this entry will suffice until final harvest in the next entry or two.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Pine	100	Log/Pole	11	67	Northern Pin Oak	Low	5 - 10 feet	Sapling
					Black Cherry	Low	5 - 10 feet	Sapling

44 4191 - Mixed Upland Deciduous with Conifer Poletimber Well 13.5 25 51-80 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black Cherry	25	Pole	5	25	Red Maple	Low	< 5 feet	Sapling
Jack Pine	20	Pole	6		Northern Pin Oak	Low	< 5 feet	Sapling
Black/Red (Hybrid) Oak	15	Pole	6		Black Cherry	Low	< 5 feet	Sapling
Paper Birch	10	Pole	6					
Red Maple	30	Pole	5	25				

45 629 - Mixed non-forested wetland Nonstocked 6.6 No leather leaf bog

46 4191 - Mixed Upland Deciduous with Conifer Sapling Medium 5.4 17 Immature N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black Cherry	30	Sapling	2		Black Cherry	Low	< 5 feet	Sapling
Jack Pine	20	Sapling	1		Northern Pin Oak	Medium	< 5 feet	Sapling
Black/Red (Hybrid) Oak	40	Sapling	2	17	Red Maple	Low	< 5 feet	Sapling
Red Maple	10	Sapling	2					

47 4191 - Mixed Upland Deciduous with Conifer Sapling Well 98.8 25 Immature N/A Young mixed rgen.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Jack Pine	25	Sapling/Pole	3	25	Black Cherry	Low	Variable	Sapling
Black/Red (Hybrid) Oak	25	Sapling/Pole	3		Jack Pine	Low	Variable	Sapling
Bigtooth Aspen	15	Sapling/Pole	3		Red Maple	Low	Variable	Sapling
Red Maple	10	Sapling/Pole	3					
Black Cherry	25	Sapling/Pole	3	25				



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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48 629 - Mixed non-forested wetland Nonstocked 7.0 No creek running through

49 622 - Lowland Shrub Nonstocked 1.4 No merge into 50

50 42290 - Natural Mixed Pine Sawtimber Medium 10.8 80 81-110 N/A Surrounded by wet stand is an upland island

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	10	Log/Pole	10		Red Maple	Medium	5 - 10 feet	Sapling
White Pine	20	Log/Pole/XLog	12		White Pine	Low	< 5 feet	Sapling
Jack Pine	50	Log/Pole	8	80	Alder	Medium	10 - 20 feet	Tall Shrub
Red Pine	20	Log/Pole/XLog	10		Bigtooth Aspen	Low	5 - 10 feet	Sapling

51 4191 - Mixed Upland Deciduous with Conifer Sawtimber Poor 10.6 80 51-80 N/A Mixed regen from cut in 2007. Cut as #63-072-06 South Nelson Combo

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Pine	40	Log/Pole	10	80	Black Cherry	Low	5 - 10 feet	Sapling
Black/Red (Hybrid) Oak	30	Log/Pole	10		White Pine	Low	< 5 feet	Sapling
Black Cherry	30	Pole/Log	8		Jack Pine	Low	< 5 feet	Sapling

52 42290 - Natural Mixed Pine Poletimber Medium 30.5 55 51-80 N/A Stand was cut in 2016, all jack pine was cut along with mixed pine being marked to cut. Retained Pine over upland mix.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Pine	30	Pole	8		Black/Red (Hybrid) Oak	Low	< 5 feet	Sapling
Red Pine	55	Pole	9	55	White Pine	Low	< 5 feet	Sapling
Black/Red (Hybrid) Oak	15	Pole	8		Red Pine	Low	5 - 10 feet	Sapling
					Black Cherry	Low	5 - 10 feet	Sapling
					Jack Pine	Low	< 5 feet	Sapling

53 4191 - Mixed Upland Deciduous with Conifer Sapling Medium 1.8 17 Immature N/A Small mixed stand. Mixed regen from cut in 2007. Cut as #63-072-06 South Nelson Combo

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Bigtooth Aspen	20	Sapling	2		White Pine	Low	Variable	Sapling
Black Cherry	20	Sapling	2		Jack Pine	Low	Variable	Sapling
Black/Red (Hybrid) Oak	40	Sapling	2	17	Black Cherry	Low	Variable	Sapling
Jack Pine	20	Sapling	2		Red Maple	Low	< 5 feet	Sapling



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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54	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	24.3	25	Immature	N/A	New stand added. look up cut records
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Canopy Species	% Cover	Size Class	DBH	Age
Black/Red (Hybrid) Oak	20	Pole	5	
Jack Pine	40	Pole	5	25
Red Maple	20	Pole	5	
Black Cherry	10	Pole	5	
Bigtooth Aspen	10	Pole	5	

Sub-Canopy Species	Density	Avg. Height	Size
Jack Pine	Medium	< 5 feet	Sapling
Black Cherry	Low	< 5 feet	Sapling
Northern Pin Oak	Low	< 5 feet	Sapling

55	6229 - Mixed lowland shrub	Nonstocked	29.1			No	
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56	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	18.7	55	81-110	N/A	Scattered low quality some oak dying. Jack Pine is starting to deteriorate. Final harvest now and leave any white oak and white pine.
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Canopy Species	% Cover	Size Class	DBH	Age
Quaking Aspen	5	Sapling/Pole	4	
White Pine	5	Pole	8	
Jack Pine	35	Pole	8	55
Black Cherry	20	Pole	6	
Black/Red (Hybrid) Oak	35	Pole	7	

Sub-Canopy Species	Density	Avg. Height	Size
Northern Pin Oak	Low	5 - 10 feet	Sapling
White Pine	Low	5 - 10 feet	Sapling
Jack Pine	Low	5 - 10 feet	Sapling
Black Cherry	Low	5 - 10 feet	Sapling

57	42260 - Natural Pine, Mixed Deciduous	Sawtimber Well	18.6	75	81-110	N/A	Upland mix left from adjacent cut, Harvest merchantability aspen, oak, red pine, Mark strategic green leaf trees. RP over 10
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Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	5	Pole	6	
Bigtooth Aspen	5	Pole	6	
White Pine	15	Log/Pole	10	
Black/Red (Hybrid) Oak	20	Log/Pole	10	
Red Pine	15	Log	11	
Jack Pine	40	Pole	8	75

Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	Low	5 - 10 feet	Sapling
White Pine	Medium	5 - 10 feet	Sapling
Jack Pine	Medium	5 - 10 feet	Sapling
Black/Red (Hybrid) Oak	Low	< 5 feet	Sapling

58	500 - Water	Nonstocked	4.0			No	
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59	4131 - Aspen, Oak	Sapling Well	6.5	15	Immature	N/A	
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Canopy Species	% Cover	Size Class	DBH	Age
White Pine	10	Sapling/Pole	3	
Black/Red (Hybrid) Oak	20	Sapling	2	
Bigtooth Aspen	40	Sapling	2	15
Red Maple	30	Sapling	2	

Sub-Canopy Species	Density	Avg. Height	Size
White Pine	Low	< 5 feet	Sapling
Northern Pin Oak	Low	< 5 feet	Sapling

60	110 - Low Intensity Urban	Nonstocked	2.6			Managed Opening	stone corners road
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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61 4310 - Pine, Oak Mix Poletimber Medium 46.8 57 51-80 N/A Treated with #63-011-16-01. Stoney Removal. Mixed regen.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	20	Sapling/Pole	4		White Pine	Low	< 5 feet	Sapling
Bigtooth Aspen	5	Sapling/Pole	4	25	Black Cherry	Low	< 5 feet	Sapling
White Pine	25	Pole/Sapling	6		Quaking Aspen	Low	< 5 feet	Sapling
Jack Pine	20	Sapling	2	8	Northern Pin Oak	Low	< 5 feet	Sapling
Black/Red (Hybrid) Oak	30	Pole	9	57	Jack Pine	Low	< 5 feet	Sapling
					Red Maple	Low	< 5 feet	Sapling

63 4133 - Aspen, Mixed Pine Sapling Medium 6.0 8 Immature N/A Stand was treated with #63-011-16-01 Stoney Removal. Good mixed regeneration.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Bigtooth Aspen	65	Sapling	2	8	White Pine	Low	< 5 feet	Sapling
Northern Pin Oak	10	Pole	6		Black Cherry	Low	< 5 feet	Sapling
White Pine	25	Pole	6	60	Red Maple	Medium	< 5 feet	Sapling

64 6239 - Mixed Emergent Wetland Nonstocked 0.6 No ducks

65 6130 - Fir, Aspen, Maple Poletimber Well 15.8 30 111-140 N/A Wet, creek running through middle

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	40	Log/Pole	10	30	Balsam Fir	High	5 - 10 feet	Sapling
Bigtooth Aspen	5	Log/Pole	10		White Pine	Medium	5 - 10 feet	Sapling
Northern White Cedar	10	Pole/Log	8	90				
Hemlock	10	Pole/Log	8					
Balsam Fir	35	Pole/Sapling	5					

66 6239 - Mixed Emergent Wetland Nonstocked 4.7 No creek running through middle

67 42200 - Natural White Pine Sawtimber Well 29.7 67 111-140 N/A Cut all but WP minus a representative.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Pine	5	Pole	8		White Pine	Low	< 5 feet	Sapling
Black/Red (Hybrid) Oak	25	Log	10		Red Maple	Medium	5 - 10 feet	Sapling
White Pine	70	Log/Pole	12	67	Bigtooth Aspen	Low	5 - 10 feet	Sapling
					Black/Red (Hybrid) Oak	Low	5 - 10 feet	Sapling
					Black Cherry	Low	< 5 feet	Sapling



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments		
68	42260 - Natural Pine, Mixed Deciduous	Poletimber Well	3.7	50	81-110	N/A			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Pin Oak (Southern)		20	Log/Pole	10		Black Cherry	Medium	< 5 feet	Sapling
Bigtooth Aspen		10	Pole/Sapling	6		Blueberry/Bilberry/Cranberry	Medium	Variable	Tall Shrub
Jack Pine		10	Pole/Sapling	5					
White Pine		10	Pole/Sapling	6					
Red Pine		50	Pole/Sapling	6	50				
69	6225 - Bog	Nonstocked	13.0			No	leather leaf bog		
70	4199 - Other Mixed Upland Deciduous	Sapling Medium	20.1	30	51-80	N/A	Burned in past by wildfire.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Jack Pine		10	Sapling	2		Black Cherry	Low	Variable	Sapling
Black/Red (Hybrid) Oak		35	Sapling	3	30	Blueberry/Bilberry/Cranberry	Medium	Variable	Tall Shrub
Bigtooth Aspen		10	Sapling	3		Black/Red (Hybrid) Oak	Low	Variable	Sapling
Black Cherry		25	Sapling	3	30	Jack Pine	Low	Variable	Sapling
Red Maple		20	Sapling	3					
71	42250 - Pine, Oak	Poletimber Medium	47.7	66	51-80	N/A	Treated as #63-008-16-01 Cranberry Combo. White pine with mixed deciduous. Good amount of RP and WP regen.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Pine		20	Pole	8	66	Jack Pine	Low	Variable	Sapling
Black/Red (Hybrid) Oak		30	Pole	8		Red Pine	Medium	Variable	Sapling
Red Pine		50	Log/Pole	10	66	White Pine	Medium	Variable	Sapling
72	4191 - Mixed Upland Deciduous with Conifer	Sapling Medium	70.9	72	1-50	N/A	Treated with #63-014-16-01 Off The Top. Jack Pine and Maple were removed. White, pine, red pine, and oak under 12" left as residual. Good mix stand currently. Oak looks ok.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Pine		10	Sapling	3		Black Cherry	Medium	< 5 feet	Sapling
Black/Red (Hybrid) Oak		20	Sapling	4					
Bigtooth Aspen		20	Sapling	3	25				
Red Maple		10	Sapling/Pole	4					
Black Cherry		10	Pole	5					
Red Pine		30	Log/Pole	10	72				
73	4131 - Aspen, Oak	Sapling Medium	3.2	28	Immature	N/A	Treated last year of entry.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple		30	Sapling	2		Black Cherry	Low	< 5 feet	Sapling
Bigtooth Aspen		50	Sapling	3	28	Northern Pin Oak	Low	< 5 feet	Sapling
Black/Red (Hybrid) Oak		20	Sapling	2					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments		
74	4125 - Black, N. Pin Oak	Poletimber Well	32.8	28	Immature	N/A			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black Cherry		10	Pole/Sapling	6		Black Cherry	Low	< 5 feet	Sapling
Black/Red (Hybrid) Oak		70	Pole	7	28	Red Maple	Low	< 5 feet	Sapling
Bigtooth Aspen		10	Pole/Sapling	6	28				
Red Maple		10	Pole/Sapling	6					
75	6229 - Mixed lowland shrub	Nonstocked	5.4				No		
76	6130 - Fir, Aspen, Maple	Poletimber Well	9.9	80	141-170	N/A	Lower ground with total mix, including cedar. Hold for now		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Northern White Cedar		5	Pole	6		Red Maple	Medium	Variable	Sapling
Tamarack		10	Pole	6		Balsam Fir	High	5 - 10 feet	Sapling
Red Maple		40	Pole/Log/Sap	8	80	Alder	Medium	10 - 20 feet	Tall Shrub
Bigtooth Aspen		10	Pole/Sapling	6					
Black Cherry		5	Pole	6					
Black Spruce		10	Sapling/Pole	4					
Balsam Fir		20	Sapling/Pole	3					
78	6239 - Mixed Emergent Wetland	Nonstocked	4.3				No	ducks	
79	42220 - Natural Jack Pine	Poletimber Well	2.7	38	Unspecified	N/A	Jack Pine pole stand. 8 inch, 3 stick.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Jack Pine		95	Pole	8	38	Blueberry/Bilberry/Cranberry	Full	Variable	Tall Shrub
Black Cherry		5	Sapling/Pole	4					
81	4130 - Aspen	Poletimber Well	7.1	28	Immature	N/A			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Bigtooth Aspen		60	Pole/Sapling	6	28	Bigtooth Aspen	Low	Variable	Sapling
Red Maple		40	Pole/Sapling	6		Black Cherry	Low	Variable	Sapling
						Red Maple	Low	Variable	Sapling
83	42260 - Natural Pine, Mixed Deciduous	Poletimber Medium	54.5	15	1-50	N/A	Harvested last entry. Oak, red pine, cherry residual.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Bigtooth Aspen		10	Sapling	2	15	Jack Pine	Low	Variable	Sapling
Jack Pine		35	Sapling	2	15	Black Cherry	Low	Variable	Sapling
Black Cherry		10	Sapling	2					
Black/Red (Hybrid) Oak		15	Log	14	77				
Red Pine		30	Log	10	77				



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																						
84	4133 - Aspen, Mixed Pine	Poletimber Well	2.5	35	141-170	N/A	Aspen 8 inch next to WP stand. CC aspen this entry while adjacent jack Pine is being cut.																																						
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85	4199 - Other Mixed Upland Deciduous	Poletimber Well	38.3	38	51-80	N/A	Absolute mix of upland brush types. Some open savannah type areas scattered. Heavy hunting use.																																						
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86	4130 - Aspen	Poletimber Well	11.9	38	111-140	N/A	Stand drops off on slope from high ground. Wetter ground at bottom. Immature aspen, mostly.																																						
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Northern Pin Oak	Low	Variable	Sapling																																										
91	4131 - Aspen, Oak	Poletimber Medium	13.8	25	Immature	N/A	Treated with sale #63-072-96. Very mixed stand of oak, aspen, rm, and scattered old white and red pine left from cut in 1999. Very soft ground and water puddles after rain in some lower spots. Graduates to wetter as it fringes the adjacent wetland.																																						
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